

Epilogue

This brings to a close our collection of perspectives on innate tolerance in the CNS. We solicited these chapters from their respective authors in mid-to-late 2011; thus, by the time the reader holds this book in their hands, the field of pre- and postconditioning in the CNS will surely have advanced in distinct and significant ways that are not represented in this compendium. Nevertheless, we cannot help but feel a certain satisfaction that many of the main leaders in the field – the best minds in the business, so to speak – agreed to provide detailed summaries of the many different facets of this jewel of a concept. And that, as a result, this book provides a uniquely comprehensive resource for those interested in the study and application of endogenous protection, both newcomers and experienced alike.

Evident from the many findings reported herein, our knowledge about innate cytoprotection in the CNS has grown rapidly since this field emerged onto our collective conscience in the 1990s. Capturing the current status of the field after two decades of investigation was the underlying purpose of this book. In brief, in addition to what we continue to learn from anoxia-tolerant animals, species that hibernate, and studies of endogenous protection in heart and other tissues (Part I), we have developed a number of reliable animal and culture models to study this phenomenon (Part III), and our mechanistic understanding about the inducers, the signaling pathways, the genomics, and the effectors of the ischemia-tolerant phenotype (Part IV) – and the many stimuli that induce such a phenotype (Part II) – is expanding rapidly. Some scientists are now assessing the ability of triggering innate tolerance to protect against epilepsy, trauma, subarachnoid and intracerebral hemorrhage, spinal cord injury, and retinal disease (Part V). Not surprisingly, excitement about translating what we have learned at the bench to the clinic is running high, with patient subgroups and treatment protocols defined (Part VI) and having just returned from our second biennial “Translational Preconditioning Workshop” meeting. And yet, paradoxically, one might also say that, even at the preclinical level, we are just scratching the surface of this field and that we have so much more to learn in order to maximize the potential benefits of innate tolerance for combating human disease. Perhaps these ongoing advancements will be represented in a second edition of this book...

In closing, as editors, we want to express our sincere gratitude to all of the chapter authors for their wonderful summaries. Without their scholarship and their willingness to take with utmost seriousness our requests of each of them for the highest quality of contribution, the value of this book would surely be diminished. So, many thanks to them, and thanks as well to all of our readers for your interest in this stimulating topic.

– Jeffrey M. Gidday, Miguel A. Perez-Pinzon, and John H. Zhang.

Author Index

A

- Aarts, M., 343, 344, 354
Aasum, E., 438
Abas, F., 322
Abcouwer, S.F., 541
Abdel-Karim, I., 585
Abdullah, M.S., 581
Abe, H., 8, 235
Abe, J., 56, 57
Abe, K., 8, 10, 544
Abe, M., 319
Abe, O., 222, 275, 459–461, 467–470
Abe, T., 462, 467–471
Abel, E.D., 439
Abete, P., 106, 558–561
Abo-Ramadan, U., 278
Ábrahám, H., 272
Abramovitch, R., 491
Abu, A.M., 293
Aburatani, H., 366, 368–370, 372, 373
Acikgoz, O., 219
Acker, H., 440
Acker, T., 192
Ackery, A., 301
Acquaviva, A.M., 441
Adair Kirk, T.L., 467
Adamczyk, P., 375
Adamczyk, S., 171, 322, 331, 391
Adamek, P., 78, 604
Adamis, A.P., 542
Adamo, D.S., 113
Adamopoulos, S., 83
Adams, J., 353
Adams, M.R., 25
Adams, R.E., 310
Adams, R.J., 135, 457
Adamson, C., 501, 502
Addink, A.D.F., 29
Adeleine, P., 582
Adelson, P.D., 532
Aderem, A., 353
Adjodah, D., 545
Adler, D., 585
Adler, M.W., 504
Adolph, E.F., 5
Adornetto, A., 436, 437
Agarwal, N., 186, 191, 200, 545
Agnello, D., 219
Agrapart, M., 192
Aguilar-Bryan, L., 62
Aguirre-Chen, C., 297
Ahlemeyer, B., 370, 409, 431, 436
Ahlstrom, H., 373
Ahmad, F., 439
Ahmed, S.H., 4, 221
Ahn, J.Y., 294
Ahn, M.Y., 440
Ahn, Y.H., 438
Ahn, Y.I., 443
Ahroon, W.A., 5
Ahuja, T., 342, 347, 351
Ai, J., 301
Aibiki, M., 118, 119, 121, 123
Aiello, L.P., 370
Ainslie, P.N., 112
Aiyagari, V., 310
Aizenman, E., 5, 368
Akagawa, K., 431, 435
Akao, M., 60, 433
Akawi, O., 441
Akbar, M.T., 367, 531
Akca, O., 170, 171, 492, 493
Akimov, S., 172
Akita, J., 542

- Akiyama, T.E., 406
 Akthar, A.M., 604
 Alam, J., 443
 Albani, D., 231, 234, 465, 468, 472, 473
 Albert, M.R., 3
 Albrecht, M.A., 434
 Albrecht, R.F., 493
 Albright, C.D., 23
 Aldur, M., 300
 Alestalo, K., 11
 Alex, J., 585
 Alexander, M.S., 441, 542, 546
 Alexandrov, A.V., 56, 57, 319, 323
 Alexandrovich, A.G., 340, 344, 370, 502–504, 507–512
 Alfieri, A., 299
 Ali, A.A., 604
 Ali, K.M., 299
 Ali, N., 78, 604
 Ali, Z.A., 573, 604
 Aliprandi, M., 530
 Alkan, T., 184, 185, 194, 264, 322
 Alkayed, N.J., 231, 235, 275, 411, 412, 459, 461, 466, 470, 473, 556
 Alkhulaifi, A.M., 6, 77, 243, 569
 Allain, R., 175
 Allard, M., 487, 489
 Allen, B.S., 71
 Allen, C.L., 139
 Allen, M.W., 581
 Almog, S., 500, 501
 Al-Mubarak, B., 443
 Alonso, O.F., 10, 235, 272, 312, 323, 505
 Alonso, R.J., 582–584
 Alsbo, C.W., 346
 Alshaher, M., 561
 Alt, F.W., 441
 Altay, T., 5, 44, 184–186, 194, 196, 198, 202, 203, 293, 459, 463, 467, 468
 Althaus, J., 265
 Altieri, M., 6, 531
 Alvanou, A., 184–186, 194
 Al-Waili, N.S., 581
 Amamoto, T., 144
 Amberger, N., 6
 Ambrosino, G., 501
 Ambrosio, G., 61
 Amerson, B.S., 72
 Ames, A. III., 279
 Aminova, L.R., 190, 192, 220, 297
 Ammar, A.D., 175
 Ammini, C.V., 370
 An, G., 8
 An, P., 458–461, 468
 An, S.S., 184, 201
 Ander, B.P., 375
 Andersen, N.H., 11, 53, 82, 608
 Anderson, B.J., 113
 Anderson, D.C., 582, 587
 Anderson, D.L., 492
 Anderson, L.L., 5
 Anderson, M.F., 189, 197
 Anderson, R.E., 143
 Anderson, T.R., 42, 63
 Andersson, L.C., 188, 198, 201
 Andjelkovic, A.V., 313, 458–461
 Andoh, T., 436, 437
 Andrade, A.L., 350
 Andre, V., 523–525, 527–529
 Andre-Fouet, X., 52, 53, 63, 79, 80, 318, 608
 Andreka, G., 53, 602
 Andreka, P., 53, 602
 Andreatti, F., 559, 561
 Andres, A.M., 396
 Andrew, R.D., 42
 Andrews, M.T., 37
 Andrews, S.B., 434
 Andrukhiv, A., 62
 Andrukhiv, K., 64, 74
 Aneesh, B., 583
 Ang, E.T., 106, 108
 Angora, H., 214
 Angoulvant, D., 63, 79, 80, 608
 Anju, B., 184, 186, 462, 467, 468
 Annella, T., 437
 Annunziato, L., 186, 191, 192, 231, 235, 331, 436, 437
 Anrather, J., 462, 467–471
 Anthony, D.C., 11
 Antos, C.L., 64
 Anttila, V., 11
 Anvari, M., 299
 Anzivino, M., 10
 Ao, Z., 544
 Aoki, M., 399
 Aoyama, K., 112
 Appelboom, G., 167
 Applebaum, A., 57
 Aquilano, K., 441
 Ara, J., 184, 185
 Arab, S., 14, 68, 70
 Aragno, M., 406
 Aragones, J., 190, 194
 Arai, K., 110, 474
 Araki, T., 7, 8, 352, 465, 472–474, 531, 532
 Arany, Z., 439
 Arboix, A., 559, 560
 Ardell, J.L., 55, 56

- Ardizzone, T.D., 310
 Argaud, L., 64, 75
 Argent, C.C., 405
 Arheden, H., 81
 Arimura, A., 272
 Ariyurek, Y., 382
 Armendariz-Borunda, J., 441
 Armin, S.S., 297
 Armstrong, S.C., 57
 Aronowski, J., 279, 439
 Arora, S., 232, 236, 353
 Arras, M., 73
 Arrowsmith, J.E., 175
 Arslan, E., 561
 Arthur, P.G., 184, 194, 195, 245
 Arundine, M., 354
 Arvin, B., 9
 Asaga, T., 184, 185, 188, 191, 197
 Asahi, M., 110
 Asai, A., 437
 Asakai, R., 64
 Asanuma, H., 60, 75
 Asavaritkrai, P., 188, 190
 Asayama, J., 58
 Ashford, C.A., 23
 Ashley, E., 52, 77, 78, 604, 608
 Ashley, M.D., 231, 235, 295, 319, 322, 325–327,
 330, 342, 348–350, 352–354
 Ashraf, M., 63
 Ashrafian, H., 53, 602
 Ashwood, T., 591
 Ashworth, A., 57
 Asimakis, G.K., 59
 Assaraf, M.I., 465, 473
 Assayag, M., 510
 Astrup, J., 23, 24, 280
 Ates, E., 245
 Atkinson, D.E., 20
 Atochin, D.N., 231, 235, 461, 468, 469
 Atsina, K., 442, 443
 Attanasio, G., 5
 Attigah, N., 273
 Attwell, D., 344, 453
 Au, M., 441
 Auchampach, J.A., 60, 62
 Auer, R.N., 273, 279
 Auh, S., 45
 Aupetit, J.F., 52, 53, 79, 80, 318, 608
 Auroy, Y., 166
 Auvergne, R., 527, 529, 530
 Auwerx, J., 443
 Auyeung, W.W., 443
 Avci, E., 296
 Avezaat, C.J., 294
 Avkiran, M., 75
 Avramovich, A., 235, 500
 Avvedimento, E.V., 437
 Awan, S., 172
 Ayer, R.E., 294, 487, 489
 Ayigari, V., 137
 Ayoub, I., 190, 297
 Ayub, A., 63
 Azad, N., 438
 Azad, T.D., 188, 201, 292, 293, 297, 300,
 463, 468, 469, 471, 572
 Aztiria, E., 299
 Azuma, Y., 45
 Azzam, N., 9, 504
- B**
 Baba, H., 195, 512
 Baba, M., 352
 Babb, T., 524, 525, 527, 529
 Babcock, D.J., 44
 Babsky, A.M., 60
 Babu, G.G., 82
 Babusikova, E., 184, 185, 200
 Bach, S., 369
 Bachmann, S., 192
 Bachoo, R., 439
 Badaut, J., 245, 465, 472
 Bader, M., 72
 Badhwar, A., 605
 Badin, R.A., 367
 Bading, H., 342, 343
 Badr, A.E., 583
 Bae, E.K., 380
 Bae, H.S., 594
 Bae, M.H., 440
 Bae, M.K., 440
 Baek, S.H., 415, 416
 Baes, M., 190, 194
 Baethmann, A., 279
 Bahjat, F.R., 274
 Bahk, J.H., 78, 604
 Bahr, B.A., 501, 502
 Bai, X.G., 596
 Bai, Y., 504
 Baier, H., 25
 Bailey, D.M., 187, 202
 Baines, C.P., 56, 57, 60, 61, 63, 75, 390,
 393, 394
 Bajgar, R., 391
 Bakajsova, D., 42
 Baker, A.J., 301
 Baker, C.J., 271, 273
 Baker, J.E., 250

- Baker, T.J., 9
 Bakondi, B., 11
 Balafonova, Z., 63
 Balasingam, V., 9
 Balazs, R., 21
 Baldelli, S., 441
 Balducci, C., 530
 Balduini, W., 401
 Balentine, J.D., 270, 319
 Balfour, W.M., 5
 Balshaw, D., 83
 Banasik, A., 6
 Banci, L., 436
 Banerjee, A., 57, 601
 Banerjee, S., 63
 Banke, N.H., 439
 Banning, A.P., 82
 Bantel, C., 171, 172, 493
 Bao, J., 185, 201
 Bao, W.M., 459, 464, 468
 Bao, Y.C., 441, 608
 Bao, Z.Q., 56
 Baohan, A., 544
 Bar, P.R., 368, 501
 Baram, T.Z., 522
 Barancik, M., 57, 438
 Barancik, T., 56
 Baranova, K., 184, 185, 187, 192, 193
 Baranova, O., 184, 191, 192, 411, 465, 473
 Barba, I., 75
 Barbe, M.F., 4
 Barber, A.J., 541
 Barber, P.A., 235, 250, 273, 275, 340, 462, 470
 Barber, R.D., 192
 Barbera, M.J., 439
 Barbour, B., 453
 Bard, L., 340
 Barde, Y.A., 512
 Bardutzky, J., 10
 Bare, O., 441
 Bari, F., 195, 294, 459, 462, 467–469
 Bari, M., 504
 Barker, P.B., 310
 Barkmeier, A.J., 504
 Barlow, C., 429
 Barnard, M.R., 52, 77, 78, 313, 604, 608
 Barnes, B.M., 37, 38, 44, 45
 Barnes, R.W., 175
 Baron, J.C., 581
 Barone, F.C., 4, 5, 8, 9, 118, 151, 152, 165, 231,
 234, 270, 271, 274, 278, 349, 368, 544
 Barr, H.W., 175
 Barreto-Chang, O.L., 319
 Barrientos, A., 436
 Barros, R.C., 46
 Barry, S., 606
 Bar-Tana, J., 443
 Bartel, D.P., 380
 Bartels, M., 10, 466, 474
 Bartkowski, H., 270
 Barton, M.E., 530
 Bartrons, R., 443
 Bas, O., 156, 157
 Basaga, H., 511
 Basarsky, T.A., 344
 Bass, R., 511
 Bassel-Duby, R., 439
 Bastide, M., 4, 9, 463, 467–471, 474
 Bateman, M.C., 352
 Bates, T., 529
 Batteur, S., 10
 Baudry, M., 523–525, 527, 529
 Bauer, B., 11, 52, 65, 602
 Bauer, C., 185, 191, 201
 Baughman, V.L., 493
 Baumgartner, H.K., 430
 Baumgartner, W.A., 606
 Baur, J.A., 441
 Baxter, G.F., 52, 54, 57, 63, 64, 68–75, 83, 563
 Baxter, P.S., 354, 443
 Baydoun, A.R., 63
 Bayley, M., 506
 Bayraktutan, U., 139
 Baysal, K., 373
 Bazzoni, G., 231, 234, 465, 468, 472, 473
 Beal, M.F., 247
 Beale, J., 581
 Beard, G.L., 192
 Beart, P.M., 184, 186, 199, 201, 411, 412, 459,
 465, 473
 Beas-Zarate, C., 441
 Beattie, W., 561
 Beauchamp, N.J., 310
 Beauchamp, P., 468, 470
 Bechmann, I., 192, 412
 Becker, A., 431, 436
 Becker, D.P., 494
 Becker, K.J., 9, 293, 363, 407, 469, 553, 561,
 567, 602, 606
 Becker, L.B., 61, 83, 390
 Becker, R.C., 68
 Bedanova, H., 78, 604
 Bederson, J.B., 270
 Beeson PB, 3
 Begley, R., 436
 Behl, N., 353
 Behrends, M., 56, 57
 Beis, I., 57

- Beit-Yannai, E., 507, 509, 510
 Belayev, L., 235, 272, 273
 Belda-Iniesta, C., 328
 Beley, A., 185, 187, 194, 200, 463, 468
 Belforte, N., 542
 Belhomme, D., 175
 Belkin, D.A., 19, 25
 Bell, K.F., 443
 Bell, R.M., 52, 56, 83
 Bellahcene, M., 436
 Bellail, A., 184, 185, 191, 197–199, 202, 510
 Bellomo, R., 120
 Bellver-Estelles, C., 523–525, 527–529,
 531–534
 Belmaker, R.H., 142
 Belosjorow, S., 56, 57
 Belousova, O.B., 296
 Beltowski, J., 174
 Belyaev, N.D., 534
 Bemby, J., 504
 Benarroch E, 4
 Bendek, G., 229
 Beneveniste, H., 494
 Beni, S.M., 502, 503
 Benito, C., 504
 Bennett, C.N., 143
 Bennett, I.L., Jr., 3
 Bennett, M.V., 346, 433
 Bennett, S., 585
 Benoit, J.N., 62
 Benolken, R.M., 143
 Ben-Shabat, S., 500, 501, 503
 Benveniste, H., 431
 Bequet, F., 110
 Berchner-Pfannschmidt, U., 440
 Berchtold, N.C., 106
 Berdeaux, A., 73
 Berenshtein, E., 61
 Berg, G., 75
 Berg, M., 340
 Berg, R.M.G., 187, 202
 Berg-Dixon, S., 441
 Berge, R.K., 438
 Bergen, A.A.B., 541, 543
 Berger, J.P., 406
 Bergeron, M., 8, 44, 113, 184, 186, 191, 194,
 260, 264, 265, 297, 411, 441
 Bergk, A., 6, 138, 184, 559, 560
 Bergman, T.A., 583
 Bergmann, A.G., 234
 Berk, B.C., 56, 57
 Berkson, H., 25
 Berman, A.J., 542
 Berman, N.E., 443
 Bernard, S.A., 120
 Bernardi, G., 226, 277
 Bernášková, K., 274
 Bernassola, F., 437
 Bernaudin, M., 8, 113, 184, 185, 189–192,
 197–199, 202, 203, 250, 260, 264,
 265, 297, 323, 366, 369–374, 407,
 411, 412, 510, 542, 546
 Berne, R.M., 8
 Bero, C., 219, 220
 Berrendero, F., 501
 Berridge, M.J., 434
 Berrocal, M., 405
 Berthezene, Y., 438
 Berti, R., 353
 Bertoni-Freddari, C., 395
 Bertrand, N., 185, 187, 194, 200, 463, 468
 Beschorner, R., 545
 Besshoh, S., 354
 Bestmann, L., 73, 175
 Betz, A.L., 9, 109, 214, 218, 280, 310
 Beuf, O., 438
 Bevilacqua, L., 441
 Bezstarosti, K., 605
 Bhardwaj, A., 296
 Bhargava, P., 505
 Bhasin, R.R., 310
 Bhaskar, P., 443
 Bhat, R.V., 328
 Bhateja, P., 232, 236
 Bhatia, R., 280
 Bhatt, A.J., 184, 185, 187, 197, 199, 265
 Bhopale, V.M., 299
 Bian, J.H., 435
 Bian, J.S., 175
 Biasi, C., 29
 Bibel, M., 512
 Bickler, P.E., 27, 41, 42, 44, 45, 167, 169,
 184, 187–189, 193, 194, 202,
 245, 248, 401
 Biedermann, A.J., 42
 Biegon, A., 340, 344
 Bienengraeber, M., 61
 Bienias, J.L., 141, 144
 Biermann, J., 175, 542
 Biernaskie, J., 352
 Bigdeli, M.R., 298, 409, 410, 457, 461, 467, 468
 Bigini, P., 219
 Bignami, A., 23
 Billiar, T.R., 303
 Binder, D.K., 512
 Bindokas, V., 542–544
 Birbaumer, N., 457
 Birch, D.G., 140

- Birch, E.E., 140
 Birnbaum, M.J., 442
 Birnbaum, Y., 245
 Bishop, S.P., 584
 Bishop, T., 190, 194
 Bisogno, T., 500–502
 Biswal, S., 443
 Bittigau, P., 501, 502
 Bjerve, K.S., 144
 Black, K.L., 151
 Blackburn, M.R., 46
 Blackstone, E., 46
 Blair, N.S., 63, 75
 Blair, S.N., 105
 Blake, J., 37
 Blanchard, K.L., 441
 Blanck, T.J., 166
 Blanco, C., 463, 471
 Blanco, M., 500
 Bland, R.J., 530, 544
 Blazquez, C., 443
 Blesch, A., 512
 Blevins, T.L., 369
 Block, F., 524, 527, 529
 Blomeyer, C., 438
 Blondeau, N., 10, 134, 137, 138, 141, 143,
 147–152, 154, 155, 157, 158, 245,
 348, 409, 410, 525, 529–531, 546
 Bloom, F.E., 270
 Bluhmki, E., 136
 Blumenthal, J.A., 606
 Bocharova, L.S., 352
 Bochner, B.S., 10
 Boeck, C.R., 494, 523, 524, 527
 Boengler, K., 73, 74, 78, 394, 604
 Boer, J.M., 382
 Boerema, A.S., 38
 Boet, R., 293, 574, 575, 603
 Bofilis, E., 57
 Bogdahn, U., 469
 Bognolo, G., 571
 Bognolo, J., 78
 Bogousslavsky, J., 6, 531, 559, 560
 Bogoyevitch, M.A., 57
 Bohm, F., 81
 Bohr, V.A., 441
 Boily, G., 441
 Boison, D., 11, 348, 529
 Boker, D.K., 301
 Bolanos, J.P., 437
 Bolay, H., 272, 273
 Boling, W., 10
 Bolli, R., 6, 56, 57, 63, 83, 436, 506
 Bolte, C.S., 65
 Bonanni, L., 433
 Bond, A., 7, 345, 351
 Bonhoeffer, T., 353
 Bonilla, L.G., 435
 Bonnefoy, E., 52, 53, 63, 79, 80, 318, 608
 Bonnekoh, P., 270
 Bonner, C., 523–525, 527–529, 532–534
 Bonner, H.P., 531
 Bonner, T.I., 500
 Bono, F., 491
 Bonser, R.S., 78, 604, 608
 Bontemps, L., 79, 80, 608
 Boocock, D.J., 251
 Bootman, M.D., 434
 Bopassa, J.C., 75
 Bopp, M., 185
 Bordelon, Y.M., 138
 Bordet, R., 4, 9, 235, 322, 331, 406, 463,
 467–471, 474
 Bordone, M.P., 542, 546
 Borecky, J., 435
 Borger, M.A., 606
 Borges, K., 524, 525, 527, 530–532
 Born, J.G., 348
 Boronow, J., 142
 Borowicz, L.M., Jr., 606
 Borowski, A., 604
 Borsotto, M., 546
 Bortolotto, Z., 524, 527, 529
 Boscarino, C., 14, 68
 Bosch-Marce, M., 441
 Boscia, F., 186, 191, 192, 331
 Bossy-Wetzels, E., 544
 Botker, H.E., 11, 52, 53, 68, 82, 83, 608
 Bottcher, M., 11, 53, 82, 608
 Bottger, C., 503
 Böttiger, B.W., 279
 Bottini, A.G., 582, 587
 Bouchama, A., 124
 Bouckova, R., 9
 Boudina, S., 58, 439
 Bouhidel, O., 73
 Bouillaud, F., 439
 Boule, J.L., 367, 375, 467
 Boulouard, M., 184, 199, 203, 323
 Bouma, H.R., 38
 Bourbonnais, D., 583
 Boutelle, M.G., 280
 Bouvier, F., 81
 Bouwman, R.A., 390
 Boveris, A., 435
 Bowen, K.K., 185, 189, 231, 234, 299,
 364–366, 368, 370, 371, 373,
 414, 458, 460, 461, 467

- Boy, S., 469
 Boyd, J., 352
 Boyle, D.W., 190, 195
 Boyle, J.R., 604
 Boyle, N., 4
 Boysen, G., 272
 Bracey, M.H., 502
 Bradley, J., 542
 Brahmachari, H.D., 5
 Brambrink, A.M., 213, 220, 251
 Bramham, C.R., 108
 Bramlett, H.M., 245, 499
 Brana, C., 527, 529, 530
 Branco, L.G., 46
 Brand, M.D., 439
 Brandt, U., 62
 Branston, M., 24
 Branston, N., 24
 Brantley, M.A., Jr., 185, 186, 191, 194, 200,
 542, 543, 545
 Brantner, C.A., 434
 Brar, B.K., 57
 Bratton, A., 544
 Braun, C., 457
 Braun, J., 273
 Bravo, T.P., 487–489
 Brealey, D., 296
 Brecht, S., 525, 530
 Bredt, D.S., 437
 Breese, N.M., 504
 Breier, G., 192
 Brener, S.J., 76
 Brennan, T.A., 485
 Brenner, M., 9, 10
 Brethorst, S., 344
 Breuer, A., 500, 501, 503
 Brew, K., 110
 Brew, S., 296
 Bridges, R.J., 24
 Brierley, J.B., 149, 229, 230, 273
 Brilstra, E.H., 295
 Brind, J., 142
 Brines, M., 218, 219, 250, 510
 Brinkhous, A.D., 279, 493
 Brint, S., 270–272
 Brisman, M.H., 271, 273
 Brismar, H., 184
 Brison, R.J., 297
 Briz, V., 595
 Brizendine, E.J., 582–584
 Broderick, J.P., 313, 375
 Brombacher, F., 273
 Bromberg, Z., 506, 509
 Bromfield, E., 148
 Bronner, M., 443
 Brookes, P.S., 437–439, 441
 Brooks, N., 373
 Brott, T.G., 313
 Browder, I.W., 367, 458, 459, 462, 467, 468
 Brown, E., 4
 Brown, J.H., 57
 Brown, Q.B., 502
 Brown, T.M., 135, 457
 Brownstein, M.J., 500
 Bruce, A.J., 10, 523
 Bruce, I.C., 322, 325, 464, 470
 Brück, W., 218, 273
 Brucklacher, R.M., 265
 Bruckner, B.A., 370
 Bruder, N.J., 170, 171, 485
 Bruer, U., 184, 245
 Bruggen, N., 459
 Bruhl, M.L., 56
 Bruhn, T., 340
 Brum, P.C., 437
 Brunder, D.G., 280
 Brunecker, P., 6
 Brunet, J.F., 465, 472
 Brunette, E., 342, 347, 351
 Brunskill, E.W., 63, 75
 Brusselmans, K., 491
 Bryan, J., 62
 Bryan, M., 529
 Bryan, R.N., 431
 Bryant, A.J., 171
 Brzozowski, T., 245
 Bu, X., 184–188, 193, 544
 Buchan, A.M., 235, 251, 270, 273, 275, 282,
 340, 349, 462, 470
 Buchan, K.G., 76
 Buchholz, J.N., 41, 44
 Buchthal, B., 343
 Buck, L.T., 27, 28, 194, 195, 245, 371
 Buckberg, G.D., 71
 Buckley, N.J., 534
 Buechert, A., 73
 Buerk, D.G., 299
 Buettner, G.R., 56, 60
 Bugyi, H., 71
 Bulckaen, H., 235
 Bullard, R.W., 40
 Bult Ito, A., 341
 Bumanglag, A.V., 528
 Bunk, E.C., 353
 Bunn, H.F., 440, 441
 Buonocore, G., 401
 Burchill, S.A., 544
 Burda, J., 245, 323, 326, 327, 435, 563

- Burda, R., 323, 326, 435
 Burge, C.B., 412
 Burgess, J.R., 148
 Burgin, W.S., 319, 323
 Burguete, M.C., 370
 Burke, R.E., 544
 Burke, T.J., 601
 Burley, D.S., 73, 74
 Burne, M.J., 443
 Burr, G.O., 144
 Burton, J.R., 74
 Burwell, L.S., 437, 438
 Bushnell, C., 375
 Busija, D.W., 195, 371, 391, 433, 459, 462, 467–469
 Busto, R., 38, 124, 235, 272, 273, 280, 297, 323, 347, 375, 429, 601
 Butler, D., 501, 502
 Butler, G.J., 581
 Butler, K.L., 73
 Butterfield, D.A., 443
 Buttino, N., 4
 Buyse, J., 190, 194
 Byers, D.M., 353
 Byrav, D.S., 3
 Byus, C.V., 467
- C**
- Cabeza, N., 559, 560
 Cabral, G.A., 504
 Cacciatore, F., 561
 Caffrey, J.L., 72, 73
 Cagnotto, A., 219
 Cahill, J., 291, 299
 Cai, X., 443
 Cai, Z., 436, 441, 510
 Caidahl, K., 81
 Cairns, C.B., 601
 Cairns, R.A., 441
 Cakici, I., 78
 Calabrese, V., 443
 Calabresi, P., 226, 227
 Calabro, A., 319
 Calderone, A., 346, 356
 Cale, A.R., 585, 586, 608
 Calisanneller, T., 299
 Callaghan, C.J., 573, 604
 Calvani, M., 443
 Calvert, J.W., 46, 299, 300, 438, 491
 Calzada, N., 80
 Camacho, S.A., 62
 Camara, A.K., 60, 61
 Cameron, J.A., 9, 353, 368, 403, 531
 Camins, A., 441
 Campbell, B., 541
 Campbell, C.A., 278
 Campbell, M., 369
 Campbell, S.J., 11
 Campbell, W.B., 25
 Campochiaro, P.A., 441
 Campos, K.M., 171
 Canas, P.T., 170
 Cannon, J.R., 215
 Cansev, M., 141
 Cantley, L.C., 544
 Canto, C., 443
 Cantrell, A.R., 42
 Canuelo, A., 190
 Canzoniero, L.M., 44, 436, 437
 Cao, C.M., 435
 Cao, C.X., 111, 367
 Cao, G., 184, 187, 196, 216, 299, 367
 Cao, J., 328
 Cao, L., 166, 168, 169, 172
 Cao, X., 57, 436
 Cao, Z., 391
 Cappello, S., 74, 76
 Carafoli, E., 22
 Cardenas, A., 234
 Cardenas, S., 190
 Cardoso, S., 195
 Cardwell, E.M., 56
 Carey, H.V., 37, 41
 Carhuapoma, J.R., 310
 Carloni, S., 401
 Carlson, S., 227, 271
 Carlson, Z.A., 47
 Carmeliet, P., 184, 185, 190, 194, 197, 199, 201, 491
 Carmona, J.J., 441
 Carnethon, M., 457
 Caroli, A., 492
 Carpenter, K.L., 511
 Carpenter, M.K., 10
 Carpenter, R.H., 604, 608
 Carr, C.S., 561
 Carr, D., 473
 Carraway, M.S., 185, 193, 195, 395, 413, 439
 Carreira, R.S., 396
 Carrey, Z., 581
 Carrick, E., 353
 Carrier, E.J., 504
 Carroll, J., 606
 Carroll, R., 443
 Carson, M.J., 467
 Carswell, H.V., 273
 Carvalho, C., 195

- Casabona, G., 330
Casado, E., 328
Casagrande, S., 510
Cassano, S., 437
Cassard-Doulicier, A.M., 439
Cassulini, R.R., 303
Castellani, R.J., 38, 40
Castillo, J., 234, 500
Castillo, M.R., 341
Castillo, P.E., 346
Castren, E., 247, 530
Cattano, D., 172, 493, 557
Catterall, W.A., 42
Cavallaro, G., 436
Cave, A.C., 60
Cavone, L., 232, 235
Cebeira, M., 501
Cebrian, M.E., 390
Cejas, P., 328
Cen, Y., 443
Centeno, J.M., 437
Centonze, D., 226, 227, 504
Centrella, M., 373
Cepek, L., 219, 510
Ceranowicz, P., 313
Cernak, I., 512
Cerra, C.E., 583
Cerski, C.T., 601
Cevik, C., 78
Cha, J.Y., 438
Chader, G.J., 545
Chaer, R.A., 603, 605, 607
Chakravarthula, P., 377
Chalabreysse, L., 64
Chalk, J.B., 278
Chan, A., 184, 194, 195
Chan, B.P.L., 368
Chan, C.Y., 26, 27
Chan, D.C., 430
Chan, M.T., 293, 574, 575, 603
Chan, P.H., 8, 184, 194, 195, 280, 297, 327, 328, 435, 458, 466, 473, 474, 509
Chance, B., 435
Chance, G.W., 143
Chandel, N.S., 430, 433, 443
Chandler, K.E., 534
Chandra, M., 561
Chandra, S., 278
Chandran, S., 443
Chang, A.Y., 185, 193, 201
Chang, B.S., 521
Chang, C.Z., 173, 293, 298, 299, 487, 491, 495
Chang, G.W., 440
Chang, H.-M., 185, 201
Chang, K.-C., 184, 185, 193, 194
Chang, L.K., 531
Chang, W., 373
Chang, Y.C., 232, 237, 412, 413, 458, 462, 472
Chang, Y.S., 411
Channon, K., 82
Chao, M.L., 38
Chao, P.L., 190, 201
Chaparro Huerta, V., 441
Chappell, J.E., 143
Chatterjee, P.K., 3
Chaudhry, K., 106, 110, 112, 118
Chaurasia, O.P., 443
Chavarria, I., 504
Chavez, J.J., 81, 318
Chavez, J.C., 137, 184, 190–192, 265, 465, 473
Chavko, M., 327
Che, W., 56, 57
Che, X.M., 370
Chen, B., 214, 222, 443
Chen, B.S., 340
Chen, B.Y., 594
Chen, C., 173
Chen, C.-F., 184, 185, 193, 194, 201
Chen, C.H., 299, 436
Chen, C.J., 441, 594
Chen, C.S., 541, 542
Chen, C.Y., 603
Chen, D., 9, 368, 531
Chen, G., 299, 326
Chen, H.M., 4, 124, 272, 319, 322, 332, 395, 584, 601
Chen, J.J., 4, 6, 8, 114, 117, 120, 122, 123, 184, 187, 196, 216, 231, 235, 248, 275, 277, 344, 367, 399, 433, 436, 439, 460, 464–466, 468, 473, 474, 503, 531, 545, 567
Chen, K., 522
Chen, L.J., 392, 399, 436
Chen, M., 342, 343, 413, 435, 532, 585, 591, 594, 596
Chen, M.F., 584
Chen, M.L., 81
Chen, P.J., 584
Chen, P.S., 412, 413
Chen, P.X., 436
Chen, Q., 60, 342, 343
Chen, R.-L., 78, 79, 282, 441
Chen, S., 167, 168, 172–174, 353, 392, 403, 491–493, 584–586, 592, 593, 595, 596
Chen, S.D., 6

- Chen, S.T., 270, 319
 Chen, S.Y., 594
 Chen, W., 56, 61, 173, 174, 294, 299, 390
 Chen, W.-H., 184, 185, 194
 Chen, X., 293, 318, 323–325, 435
 Chen, X.C., 459, 464, 468
 Chen, X.J., 342, 343
 Chen, Y., 42, 353, 504, 510, 595
 Chen, Y.C., 439
 Chen, Y.E., 438, 439
 Chen, Y.-S., 185, 191, 200, 544
 Chen, Y.T., 439
 Chen, Y.Y., 458
 Chen, Z., 184, 185, 197, 199, 461, 467, 470, 601
 Chen, Z.F., 10
 Chen, Z.-Y., 188, 190
 Chenevert, T.L., 310
 Cheney, J.A., 392
 Cheng, D., 319, 327
 Cheng, H.C., 120, 544
 Cheng, J., 168, 176, 557, 558
 Cheng, O., 173, 247
 Cheng, Q., 214, 222
 Cherednichenko, G., 62
 Cherepanov, V., 70
 Chesselet, M-F., 230, 273
 Cheung, M.M.H., 14, 53, 68, 70, 77, 78, 262, 571, 602, 604
 Cheung, W.M., 439
 Chevion, M., 61
 Chi, J.W., 185, 193, 201
 Chi, O.Z., 118, 169, 221, 277, 459, 461, 469, 470
 Chi, S., 437
 Chi, X., 391
 Chianelli, M.S., 542, 546
 Chiari, P., 64
 Chiariello, L., 5
 Chiariello, M., 61
 Chiarugi, A., 232, 235
 Chien, C.T., 441
 Chien, K.R., 57
 Chigasaki, H., 584
 Chileuitt, L., 279
 Chin, S.L., 439, 594
 Chinn, H.I., 5
 Chiu, C.C., 142
 Chiu, J.H., 166, 173, 295, 491, 584, 593, 594
 Chiu, T.-H., 184, 185, 193, 194, 201
 Chiueh, C.C., 436, 437
 Cho, J.H., 294
 Cho, S., 367, 437
 Cho, T.H., 438
 Chock, P.B., 437
 Chodosh, L.A., 192
 Choe, W., 443
 Choi, A.M., 443
 Choi, D.W., 8, 24, 44, 271, 342, 347, 349–351, 494
 Choi, H., 584
 Choi, I., 45
 Choi, J.H., 120
 Choi, J.S., 247, 248
 Choi, K.Y., 438
 Chokshi, S.K., 221, 277
 Chong, K.Y., 389
 Chopp, M., 4, 10, 121, 123, 124, 152, 272, 277, 459, 512
 Chopra, K., 70
 Choquet, D., 340
 Chou, P., 592
 Choudhuri, R., 443
 Chow, C., 442
 Chow, M.M., 299
 Chowdhry, S., 443
 Christian, S.L., 40–42, 44, 45, 341
 Christiansen, E.H., 11, 53, 82, 608
 Christiansen, K., 144
 Christie, L.A., 106
 Christopher, Q., 184, 186, 191, 198
 Christopher, T.A., 57
 Christou, I., 323
 Chu, C.J., 107, 113
 Chu, H., 592
 Chu, K.A., 185, 191, 380, 401, 414, 465, 474, 594
 Chu, M., 171, 460, 464, 466, 468, 474
 Chu, P.W.Y., 184, 186, 199, 201, 411, 412, 459, 465, 473
 Chu, X., 5, 189, 364, 366, 370–372, 531, 532
 Chua, R., 436
 Chuang, D.M., 494, 523
 Chuang, K.H., 594
 Chujo, K., 184, 185, 188, 191, 197
 Chun, Y.S., 584
 Chun, Z.X., 303
 Churchill, E.N., 437
 Churilova, A.V., 184, 185, 187, 193, 199, 412
 Cidlowski, J.A., 247
 Ciechanover, A., 402
 Ciesielski, T.M., 367, 375, 467
 Cieszkowski, J., 313
 Cimarosti, H., 264
 Cingolani, H.E., 561
 Cinti, S., 439
 Ciriolo, M.R., 441
 Ciullo, I., 437

- Cizkova, D., 435
Ckakraverty, D., 524, 525, 527, 529
Clagett, G.P., 175
Clandinin, M.T., 143
Clark, A.W., 110
Clark, J.B., 231, 235, 437, 461, 468, 469
Clark, J.C., 458–461, 467, 468, 471, 472
Clark, J.E., 436
Clark, J.F., 310
Clark, R.K., 9
Clark, R.S., 510, 532
Clarke, D.D., 20
Clarke, K., 438
Clarke, M., 294
Clarke, S., 63, 443
Clarke, S.C., 82, 604, 608
Clarke, S.J., 61, 393
Clayton, C.E., 348, 349, 353, 531
Clemens, J.A., 436
Clement, H., 303
Clement, J.P., 62
Clemmensen, P., 80, 318
Clergue, F., 166
Clerk, A., 57
Clevenger, R., 438
Clifford, S.C., 440
Cliffon, K., 25
Clifton, G.L., 42
Cloft, H.J., 302
Coburn, M., 47
Cochrane, J., 601
Cockman, M.E., 440
Codaccioni, J.L., 170, 171
Cognet, L., 340
Cognolato, D., 319
Cohen, H.R., 194
Cohen, J., 221
Cohen, M.V., 55–57, 60, 62, 63, 72–76, 326, 436, 437, 602
Cohen, O., 506
Cohen, R.E., 402
Cohen-Cory, S., 108
Cohen-Gadol, A.A., 488
Cohen-Yeshurun, A., 504
Colbourne, F., 273
Cole, D.J., 279, 280
Cole, T.J., 603
Colegrove, S.L., 434
Coleman, T., 250
Coles, J.G., 14, 68, 70
Collard, J.G., 215
Colledge, M., 353
Collen, D., 491
Collino, M., 406
Collins, T.J., 434
Collip, J.B., 4
Collis, M.G., 27
Collman, R.G., 458
Colohan, A., 487–489
Colohan, A.R., 293, 295–297, 299, 487–489, 491, 605
Colombrita, C., 443
Colon, G.P., 214, 218, 310
Comas, T., 342, 348
Compton, D.R., 500, 501
Conder, M.L., 433
Cong-Yina, D., 174, 274
Connell, B.J., 399, 400, 608
Conner, J.M., 512
Connolly, E.S., 273
Conroy, R.M., 528
Constantinides, C., 280
Constantino, L.C., 494
Contestabile, A., 47
Conti, V.R., 59
Cook, D.A., 301
Cook, H.W., 353
Coomber, B., 502
Cooper, A.L., 157
Cooper, D.J., 499
Cooper, D.Y., 580
Cooper, N.R., 113
Cooreman, M., 47
Copin, J.C., 458
Corasaniti, M.T., 437
Corbett, D., 118, 124, 244, 352
Corcoran, M.E., 524, 525, 530
Cordell, W.H., 582–584
Cordis, G.A., 56, 58, 61
Corleone, D., 491
Cornog, J.L., 23
Corradetti, R., 117
Correia, S.C., 195
Correll, M.P., 328
Correnti, E.E., 144
Corvera, J.S., 53, 71, 75, 79, 317, 326
Cosar, M., 156, 157
Coserea, I., 273, 343
Costa, A.D., 62, 64, 74, 436, 437
Costa, C.L., 64, 74
Costa, T., 494
Costi, A., 63
Cotman, C.W., 24, 106
Cottin, Y., 52, 53, 80, 318, 608
Cottrell, J.E., 170, 171
Coughlin, S.R., 214, 215
Coulborne, F., 118
Coulet, F., 192

- Coulson, J.M., 534
 Coulthard, L.R., 544
 Couplan, E., 439
 Cousins, S.L., 340
 Couture-Lepetit, E., 75
 Coven, D.L., 442
 Cowen, M., 585, 586, 608
 Cox, P.N., 77, 78, 604
 Coy, P.E., 443
 Coyle, P., 270
 Craigon, M.H., 192
 Crane, J., 467
 Cravatt, B.F., 502
 Crawford, D.C., 344, 350
 Crawford, S., 441
 Crea, F., 5
 Crestanello, J.A., 60, 61
 Crichiutti, G., 297
 Critz, S.D., 57, 60, 62, 74, 436, 437
 Croal, B.L., 76
 Croisille, P., 63, 608
 Crompton, M., 63
 Crook, J.E., 557, 558, 561
 Crooks, P., 244
 Crosson, C.E., 186, 191, 200, 544, 545
 Crow, R.J., 279
 Crowder, C.M., 5, 189, 196, 197, 201
 Crowell, R.M., 274
 Crozatier, B., 436
 Crozier, R.A., 353
 Csermely, P., 505
 Csiszar, A., 47
 Csont, T., 606
 Cuda, G., 437
 Cuello, F., 75
 Cui, G.Y., 173, 297
 Cui, H.F., 595
 Cui, J.H., 248, 367, 586
 Cui, L., 72–75, 80, 185, 191, 196, 198,
 326, 443
 Cui, Y.J., 172, 173, 436
 Cui, Z., 439
 Cukerman, E., 14, 68, 70
 Culmsee, C., 370
 Cummins, R., 227, 271
 Cung, T.T., 52, 53, 63, 79, 80, 318, 608
 Cuomo, O., 331
 Currie, R.W., 4, 8, 64, 165, 231, 234, 274, 278,
 349, 399
 Curry, A., 106, 110
 Cuthbertson, B.H., 76
 Cutillas, B., 443
 Cuzzocrea, S., 406
 Cybulska, R., 524, 527–529
- D**
 da Dalt, L., 297
 da Silva, R., 175
 Dabringhaus, A., 469
 Dacey, L.J., 175
 Dach, N., 166, 173, 295, 491
 Dagani, F., 430
 Dahl, M.B., 29
 Dahl, N.A., 5
 Dahlgren, N., 229
 Dahmani, S., 170
 Dai, H.B., 184, 185, 197, 199, 461, 467, 470
 Dai, S., 457
 Dai, W., 68–70
 Dai, Z.G., 170
 D'Alecy, L.G., 38
 Dale-Nagle, E.A., 185, 201
 Dalkara, T., 234, 247, 272, 273
 Dallegri, F., 458
 Dallner, G., 141, 143, 144
 D'Alonzo, A.J., 6, 81, 433
 Damiano, S., 436, 437
 D'Amico, M., 69
 Dana, A., 54
 Danbolt, N.C., 168
 Dancause, N., 457
 D'Andrea, D., 61
 Dang, C.V., 441
 Danial, N.N., 63
 Danielisová, V., 323, 326, 435, 563
 D'Annunzio, V., 75
 Danton, G.H., 458
 Danysz, W., 24, 351
 Darbenzio, R.B., 6, 81, 433
 Darian-Smith, C., 352
 Darling, C.E., 65
 Darrow, R.M., 545
 Das, A., 72
 Das, B.K., 3
 Das, D.K., 6, 56–58, 61
 Das, K., 530
 Das, M., 61, 63, 443
 Dasgupta, N., 5, 196, 197, 201
 Dash, P.K., 299
 Dashkin, O., 42, 436
 Dashnyam, S., 436
 Dausmann, K.H., 37
 Daut, J., 62
 Davalos, A., 234, 591
 Dave, J.R., 353
 Dave, K.R., 27, 42, 244–246, 248, 249, 251,
 347, 349, 375, 391, 392, 433, 436,
 441, 494, 601, 602, 608
 Davenpeck, K.L., 10

- Davicioni, E., 442
 David, G., 40
 Davidsen, L., 23
 Davidson, B.L., 9
 Davidson, B.R., 293
 Davidson, S.M., 52, 75, 83, 393, 442, 443
 Davies, B., 221
 Davies, K., 459
 Davila-Roman, V.G., 175
 Davis, A.E., 11
 Davis, A.M., 72, 74
 Davis, D.P., 368
 Davis, D.S., 467
 Davis, R.L., 270
 Davis, S.M., 59, 591
 Davis, W., 106, 109, 110
 Dawn, B., 57, 63
 Dawood, F., 14, 68
 Dawson, D.A., 3, 4, 9, 10, 261, 275, 459, 461, 470
 Dawson, T.M., 8, 9, 219, 250, 437, 543, 545
 Dawson, V.L., 8, 9, 437, 543, 545
 Day, A.L., 272
 de Araujo Herculano, B., 527
 de Beaumont, L., 583
 de Bellerocche, J.S., 367
 de Blier, I.G., 175
 de Bock, K., 190, 194
 de Cabo, R., 47, 441
 de Castro, J., 328
 de Freitas, G.R., 6, 531, 559, 560
 de Hert, S.G., 175
 de Menezes, R.X., 382
 de Petrocellis, L., 500
 de Simone, C., 61
 de Simone, G., 457
 de Simoni, M.G., 231, 234, 465, 468, 472, 473
 de Tribolet, N., 294
 de Vera, A., 532
 de Vreede-Swagemakers, J.J., 250
 de Vries, H.E., 247, 368
 de Zavalia, N., 542
 Deal, D.D., 171
 Deanfield, J.E., 11, 603
 Deaton, D., 6
 Debruyne, D.N., 150, 152, 154
 Deckwerth, T.L., 47
 DeCoster, M.A., 187, 201
 Deem, S., 296
 Defazio, R.A., 42, 246, 347, 433, 436, 441, 602, 608
 Defillo, A., 492
 Deftereos, S., 53, 82, 608
 DeGirolami, U., 274
 Deguchi, K., 10
 Dehdashti, A.R., 294
 Dehn, J., 41
 Dehpour, A.R., 68, 69, 71
 Deike-Glindemann, J., 47
 del Prete, A., 186, 191, 192
 Del Pulgar, T.P., 503
 del Zoppo, G.J., 9, 109, 151, 247, 457, 459, 460
 Delacey, M., 57
 Delaney, K., 352
 Deleeuw, G., 429
 Deli, M.A., 231, 234, 465, 468, 472, 473
 Della-Morte, D., 251, 347, 436, 441, 558–561, 602, 608
 Dell’aversano, C., 436, 437
 DeLorenzo, R.J., 522
 Delplanque, B., 157, 158
 Delucinge Vivier, C., 343
 Delyani, J.A., 60
 DeMarco, M.P., 171
 Demarest, K., 502
 Dembinski, A., 313
 Dembinski, M., 313
 Dembowski, C., 219, 510
 Demchenko, I.T., 185, 193, 195, 231, 235, 439, 461, 468, 469
 Demchuk, A.M., 319, 323
 Demirkan, F., 561
 Demougeot, C., 185, 187, 194, 200
 Dempsey, R.J., 231, 234, 370
 den Dunnen, J.T., 382
 Dendorfer, A., 70, 71
 Deneve, J., 73
 Deng, H.W., 68–70
 Deng, J., 171, 190, 195
 Deng, W., 459, 474, 475
 Deng, X., 174
 Deng, Z., 438
 Denko, N.C., 441
 Densem, C.G., 82, 604, 608
 Deplanque, D., 4, 9, 235, 463, 467–469
 Dereski, M.O., 4
 Deriu, G.P., 319
 Derksen, J.W., 368
 Derlon, J.M., 581
 Deroose, C., 190, 194
 DeRose, G., 605
 DeRubertis, B., 574, 603, 605, 607
 Derumeaux, G., 63, 79, 80, 608
 Derwall, M., 47
 Deshpande, J.K., 431
 DesRoches, C.M., 485
 Desvergne, B., 438
 Devane, W.A., 500, 501

- Devaskar, S.U., 370
 DeVries, A.C., 229
 Dewerchin, M., 190, 194, 491
 Dhakshinamoorthy, S., 443
 Dhananjay, S., 184, 186, 462, 467, 468
 Dharap, A., 380, 414, 438
 Dhodda, V.K., 185, 189, 364–366, 368, 370, 371, 373
 Di, C., 601
 Di, F., 487, 490
 Di Filippo, C., 69
 Di Lisa, F., 52, 72, 563
 Di Marzo, V., 500, 502
 Di Napoli, M., 353
 Di Paola, R., 406
 Di Raimondo, D., 222
 Di Renzo, G., 186, 191, 192, 331
 Di Salvo, C., 52, 73, 77, 78, 604, 608
 di Sciacca, R., 222
 Diacono, J., 561
 Diana, M., 319
 Diao, C., 120
 Diaz, Z., 465, 473
 Dichgans, J., 8, 184, 187, 199, 200
 Dick, O., 343
 Dicker, P, 531
 Dickerson, F., 142
 Dickson, E.W., 65, 68
 Die, J., 558
 Diehl, J.A., 194
 Diehl, K., 220
 Diemer, H., 494
 Diemer, N.H., 340, 346, 351, 431
 Diener, H.C., 591
 Dieterich, D.C., 535
 Dietrich, W.D., 10, 38, 118, 124, 270, 272, 273, 280, 312, 323, 458, 499, 505
 Diez-Juan, A., 190, 194
 Digicaylioglu, M., 218, 410
 Dijk, F., 541, 543
 Dijkstra, C.D., 368
 Dikic, I., 353
 Dillman, J.F., 8, 340, 342, 437
 Dillman, W.H., 531
 Dillmann, W., 8
 Dimitriu, C., 542
 Dinakarpandian, D., 110
 Dinarello, C.A., 9
 Ding, A.-S., 184, 186, 194, 195, 466, 473, 474
 Ding, D.W., 185, 186
 Ding, J., 544
 Ding, L., 353
 Ding, N., 544
 Ding, Q., 171
 Ding, S.-J., 173, 186, 198, 411, 412
 Ding, Y., 106–110, 113, 120, 458–461, 467, 468, 471, 472
 Ding, Y.F., 69
 Ding, Y.H., 106, 109–111, 458–461, 467, 468, 471, 472
 Ding, Z., 461, 467
 Ding Y-C, 120
 Dingleline, R., 524, 525, 527, 530–532
 Dinh, Y.R., 299
 Diomez, P., 439
 Dioum, E.M., 441
 Dippel, D.W., 294
 Diringer, M.N., 310
 Dirx, R., 190, 194
 Dirnagl, U., 5, 6, 134, 136, 138, 139, 141, 165, 167, 169, 184–186, 191, 195, 198, 201, 248, 261, 273, 280, 293, 363, 391, 407, 472, 492, 493, 500, 523, 553, 561, 567, 602, 606
 Ditzel, D.A., 343
 Divac, I., 24, 25
 Divoux, D., 184, 185, 189, 191, 199, 366, 369, 371, 373, 374, 510
 Dixon, E.P., 436
 Dixon, J.E., 56
 Dixon, K.C., 23
 Djaiani, G.N., 606
 Dmowska, M., 524, 527–529
 Dobrota, D., 184, 185, 200
 Dodd, P.R., 347
 Doddrell, D.M., 278
 Dodoni, G., 394
 Doeller, J.E., 46
 Dohi, K., 436
 Dolatshad, H., 531
 Doliba, N.M., 60
 Doll, C., 26
 Dominiak, P., 70, 71
 Domoki, F., 195, 294, 391, 469, 558
 Domorakova, I., 323, 326
 Domowicz, M.S., 114, 118, 119
 Donald, A., 603
 Donato, M., 75
 Dong, C., 294, 296, 302, 353, 558, 562, 572, 604, 609
 Dong, H.L., 167, 169, 171–174, 459, 461, 467, 468, 562, 584, 585, 595, 604, 609
 Dong, X.W., 170
 Dong, Y., 443
 Donnan, G.A., 59, 134, 136
 Donohoe, P.H., 245
 Dor, Y., 491
 Dore, S., 311

Dorn, G.W., 63, 75, 436
 Dorner, A.J., 435
 Doron, H., 508, 512
 Dos, S.P., 58
 Dost, T., 74, 436
 Dough, R.H., 580
 Douglas, R.M., 392
 Doutheil, J., 399, 434
 Downey, G.P., 70, 461, 467
 Downey, J.M., 6, 52, 55–57, 60–64, 70, 72–76,
 83, 326, 436, 437, 584, 602
 Doyle, K.P., 274
 Drabek, C.M., 25
 Dragatsis, I., 184, 191
 Draghiciu, O., 38
 Dreier, J.P., 280, 295
 Dreixler, J.C., 542–544, 546
 Drejer, J., 431, 494
 Drenger, B., 61
 Dresselaers, T., 190, 194
 Drew, G.M., 68–71
 Drew, K.L., 38, 40–47, 249, 341, 436
 Drexler, H., 74
 Dreyer, C., 438
 Driva, M., 53, 82, 608
 Droge, W., 61
 Drori, S., 395, 439
 Drummond, G.R., 280
 Drummond, J.C., 279, 368
 Du, A., 175
 Du, E., 544
 Du, F., 121, 123, 184, 186, 191, 198, 459, 465
 Du, J., 173, 185, 186, 188, 491, 595
 Du, X., 302
 du Mesnil de Rochemont, R., 319
 du Toit, E.F., 506
 Duan, C.L., 185, 186, 194
 Duan, L., 391, 392
 Duchatelle, I., 184, 185, 191, 197–199, 202, 510
 Duchen, M.R., 63, 64, 75
 Ducruet, A.F., 167
 Dudkin, K.N., 184, 185
 Duehmke, R., 82, 604, 608
 Duffy, T.E., 229
 Dugan, L.L., 8, 349, 350
 Duldner, J.E., 313
 Duman, N., 219
 Duman, R.S., 237, 525, 531
 Dumas, T.C., 323
 Dumont, A.S., 299
 Dumont, R.J., 299
 Duncan, R., 354
 Duncan, R.C., 272
 Duncker, D.J., 65, 68, 69, 605

Dung, S.-W., 184, 185, 194
 Dungey, A.A., 605
 Dunleavy, M., 531
 Dunwiddie, T.V., 46
 Duong, H.K., 312
 Dupuis, B., 4, 9
 Duquesnes, N., 436
 Duranski, M., 438
 During, M.J., 530, 544
 Durrant, D., 437
 Durukan, A., 234, 278, 553
 Duszczuk, M., 184, 185, 347, 351
 Dutka, D.P., 77, 82, 604, 608
 Dutton, G.R., 140
 Duverger, D., 271
 Dworetzky, B., 148
 Dysarz, F.A., 500
 Dzavik, V., 53, 602
 Dzeja, P.P., 60, 61, 435

E

Earm, Y.E., 437
 Ebel, D., 604
 Ebrahimi, F., 68, 69, 71
 Eckardt, K.U., 192
 Edgar, D.M., 37
 Edlund, C., 141, 143, 144
 Edmands, S.D., 169
 Edwards, R.J., 63
 Eells, J.T., 58, 433
 Eerbeek, O., 433
 Egemen, N., 300
 Eguchi, Y., 431
 Ehlers, M.D., 353
 Ehrenreich, H., 218, 219, 222, 510
 Ehrhart, J., 504
 Eid, T., 218, 219
 Eidelman, L.A., 235, 500
 Einhaupl, K.M., 6
 Eklind, S., 262
 Eklof, B., 23
 Ekstrom von Lubitz, D.K., 351
 Ekuni, R., 157
 El Bahh, B., 524, 527, 529, 530
 El Shafei, H., 76
 El Shafei, M., 57
 Elbelghiti, R., 63, 608
 Eldaif, S., 73
 Elder, M.G., 435
 Eleff, S.M., 431
 Eliasziw, M., 175
 Eli-Berchoer, L., 506, 507, 509, 510
 Elinskii, M.P., 583

- Ellefsen, S., 29, 30
 Ellinger, H., 63
 Elliot, P.J., 353
 Elliott, P.J., 353, 443
 Ellis, S.G., 76
 Ellisman, M.H., 544
 Ellison, J.A., 4, 8, 165, 231, 234, 274, 278, 349, 399
 El-Mitwalli, A., 319, 323
 Eloranta, J., 577
 Elrod, J.W., 46
 Else, P.L., 141
 Elsner, R., 25
 Elvert, G., 192
 Emerson, M.R., 523, 524, 527
 Emmel, G.L., 580
 Emsley, R., 142
 End, E., 581
 Endres, M., 106, 136, 273, 407
 Engel, T., 522, 531
 Engelman, R.M., 6, 58, 61
 Englander, E.W., 436
 Englmeier, U., 192
 Engstrom, T., 80, 318
 Ennis, S.R., 234, 310, 313, 459, 463, 467, 468
 Enomoto, Y., 319
 Epema, A.H., 38
 Eramo, N., 61
 Erdem, E., 272, 273
 Erecinska, M., 20, 21, 430, 431
 Ergul, A., 459
 Ergun, R., 297
 Erhardt, J.A., 5, 368
 Ericsson, A., 373
 Erinjeri, J.P., 459
 Esposito, A., 61
 Esposito, E., 186, 191, 192, 331
 Estey, C., 441
 Etinger, A., 500, 501
 Ettaiche, M., 546
 Evans, D.A., 141, 144
 Evans, M., 441
 Evans, S., 352
 Evenson, K.R., 105–106
- F**
- Fabian, R.H., 280
 Fabricius, M., 280
 Faden, A.I., 510, 512
 Faeh, D., 184, 187–189, 193, 194, 202
 Fagan, S.C., 459
 Fagernes, C.E., 30
 Fahlman, C.S., 44, 167, 169, 184, 187–189, 193, 194, 202, 248, 401
 Fahnstock, M., 528
 Fajardo, L.F., 111
 Falcao, A.S., 410
 Fan, D.F., 173
 Fan, G.C., 53, 71
 Fan, L., 558
 Fan, M., 184, 186, 194, 195, 466, 473, 474
 Fan, Q., 81
 Fan, X.-L., 184, 186
 Fan, Y., 112
 Fan, Y.H., 459, 461, 467, 468, 595
 Fan, Y.-Y., 184, 185, 197, 199, 461, 467, 470
 Fando, J.L., 435
 Fandrey, J., 440
 Fang, H., 184, 194, 195, 342, 347, 351, 382, 466, 473, 474
 Fang, L., 185–187, 193
 Fang, Q., 299
 Faraci, F.M., 4, 221, 457, 458, 468
 Faraco, G., 232, 235
 Fares, W., 585
 Faries, P.L., 574, 603, 605, 607
 Farooqui, A.A., 143, 144
 Farr, C.D., 231, 235, 380, 414, 415, 438
 Fathali, N., 298
 Fattoretti, P., 395
 Faulkner, C.L., 231, 235, 380, 438
 Favreau, L.V., 443
 Fazal, M.T., 76
 Feccia, M., 569
 Federoff, H.J., 265, 297, 473, 491
 Fedorko, L., 606
 Fei, L., 174, 274
 Feierman, J.R., 23
 Feige, J.N., 443
 Feindt, P., 604
 Fekete, S., 184, 185
 Fekete, V., 606
 Felberg, R.A., 323
 Feldman, A.B., 8, 340, 342, 437
 Felger, R.S., 25
 Feliciello, A., 437
 Feng, J.Q., 73, 328, 436
 Feng, R., 332
 Feng, S.F., 173, 593
 Feng, X.Y., 342, 343
 Feng, Y., 184, 185, 187, 197, 199, 265
 Feng, Z.C., 26, 368
 Fenstermacher, J.D., 271
 Fenton, R.A., 68
 Fenton, W.S., 142
 Ferdek, P., 430
 Ferdinandy, P., 52, 72, 74, 606
 Ferguson, S., 291
 Ferguson, G.G., 175

- Ferguson, T.B., 457
 Ferikova, M., 323, 326
 Fernandes, J.S., 157
 Fernandez, D.C., 542, 546
 Fernandez, L., 70
 Fernandez-Lopez, D., 376, 410
 Fernandez-Ruiz, J.J., 501
 Ferraguti, F., 530
 Ferrand-Drake, M., 435
 Ferrandon, A., 523–525, 527–529
 Ferrara, N., 561
 Ferreira, J.C., 437
 Ferrera, R., 75
 Ferriero, D.M., 8, 44, 112, 184–186, 191,
 193–195, 297, 441
 Ferrini, D., 559
 Fesahat, F., 299
 Feuerstein, G.Z., 4, 8, 9, 57, 134, 137, 231,
 234, 270, 271, 274, 278, 327
 Feurstein, G.Z., 118
 Feuvray, D., 561
 Fezza, F., 501, 504
 Fidalgo, A.R., 184, 185, 202
 Fiebach, J.B., 6, 319
 Fieles, W.E., 328
 Figueredo, V., 62
 Figueredo-Cardenas, G., 273
 Filatov, I., 296
 Finazzi-Agro, A., 437
 Findlay, J.M., 301
 Finet, G., 52, 53, 63, 79, 80, 318, 608
 Finfer, S.R., 499
 Fink, D.J., 23
 Fink, S.L., 370, 531
 Finkelstein, A., 141, 144
 Finkelstein, M., 581
 Fischer, G., 73
 Fishbein, K.W., 64
 Fisher, D.A., 351, 352
 Fisher, J.K., 63
 Fisher, M., 45, 59, 134, 234, 272, 581, 601,
 606
 Fishman, M.C., 234
 Fisk, L., 184, 185, 200
 Fiskum, G., 247
 Fitzgibbons, J.C., 184, 185, 189
 Fix, A.S., 340
 Flack, J.E., 3rd., 6
 Flaherty, M.P., 63
 Flamme, I., 192
 Flannery, R.J., 299, 433
 Flegal, K., 135
 Flores-Soto, M.E., 441
 Floris, S., 368
 Flowers, K., 585
 Flowers-Ziegler, J., 370
 Floyd, R.A., 436
 Fluegel, D., 141, 148
 Fogarty, E.F., 297
 Foley, C., 56, 57
 Follesa, P., 525, 532
 Folsom, A.R., 105
 Fonarow, G.C., 136
 Fong, W.H., 439
 Fonnum, F., 25
 Fonseca, R., 353
 Font, G., 53, 602
 Fontaine, R.H., 184, 185, 197, 199, 201
 Fontana, L., 441
 Fontos, G., 53, 602
 Forbes, R.A., 62, 392
 Forbes, T.L., 605
 Ford, E., 457
 Ford, S.E., 492, 582, 587
 Forsten, H., 441
 Forstermann, U., 437
 Fossati, G., 232, 235
 Fossati, S., 232, 235
 Fossett, D., 296
 Fouad, K., 512
 Fowler, J.H., 443
 Fox-Talbot, K., 441, 510
 Fraisl, P., 190, 194
 Franceschi, L., 319
 Francis, J.M., 82
 Francis, K.R., 185, 191, 196, 198
 Franck, G., 22
 Frangou, S., 142
 Frank, M., 184, 185
 Franke, T.F., 327, 328
 Franklin, A., 504
 Frascarolo, P., 175
 Fraser, C., 541
 Fraser, P.A., 299
 Frassdorf, J., 172, 604
 Frassetto, S.S., 248
 Frasure-Smith, N., 142
 Fratelli, M., 510
 Fredholm, B.B., 27, 529
 Freeman, D.A., 38
 Freeman, S., 506
 Frei, U.A., 192
 Freiburger, J.J., 172, 173
 Freiburger, T., 78, 604
 Freie, A.B., 5, 44, 184–186, 188, 192, 194,
 196, 198, 202, 203, 293, 458, 459,
 463, 467, 468, 470
 Frelinger, A.L., 313
 Frenneaux, M.P., 53, 78, 602, 604, 608
 Frere, J.M., 22

- Freret, T., 184, 185, 189, 199, 203, 323, 366,
369, 371, 373, 374
- Frerichs, K.U., 38, 40, 327, 371
- Freyer, D., 219, 411
- Friberg, H., 247
- Friedman, N., 506, 507, 510
- Friel, D.D., 434
- Frietsch, T., 296, 574
- Frigatti, P., 319
- Frndova, H., 77, 78, 604
- Froozandeh, M., 457, 461, 467, 468
- Frotniczak-Baniewicz, M., 488
- Fry, P.A., 340, 344
- Fryer, R.M., 56, 58, 433
- Frys, K., 437
- Fu, H.B., 367
- Fu, Q., 64
- Fu, W.X., 595
- Fu, Y.C., 6, 441
- Fuchs, E.C., 343
- Fuji, H., 53, 64
- Fujibayashi, Y., 184, 185, 194
- Fujihara, H., 195
- Fujikawa, D.G., 522
- Fujisawa, S., 299, 433
- Fujita, M., 60, 75, 303
- Fujita, T., 279–281
- Fujito, T., 603, 607
- Fujiwara, H., 59, 61
- Fujiwara, N.H., 302, 431, 462, 472
- Fukaya, M., 344
- Fukuda, R., 441
- Fukuda, S., 173
- Fukui, S., 10, 118
- Fukumura, D., 491
- Fukunaga, K., 187, 230, 462, 468, 469
- Fukunaga, R., 6, 236, 579
- Fukunaga, Y., 342, 343
- Fulco, M., 443
- Fuller, S.J., 57
- Fuller-Bicer, G.A., 73
- Funakoshi, T., 172, 173
- Furchgott, R.F., 437
- Furie, K., 135, 457
- Furlan, M., 581
- Furlan, R., 504
- Furuta, T., 271
- Furuya, K., 3, 4, 9, 10, 222, 275, 366,
368–370, 372, 373, 459–461,
467–470
- Furuya, N., 402
- Fusco, F., 273
- Fütterer, C., 167, 169, 170, 280, 298,
492, 493
- G**
- Gabel, S., 61
- Gadamski, R., 184, 185, 347, 351
- Gadian, D.G., 367
- Gafken, P., 353
- Gage, A.T., 184, 187, 188
- Gagnon, P.M., 185, 201
- Gagnon, R.C., 9
- Gahide, G., 63, 608
- Gai, N., 503
- Gainer, H., 23
- Gaisa, N., 47
- Gaitanaki, C., 57
- Gala, R., 231, 235, 319, 322, 325–327, 330
- Gale, K., 524, 525, 527, 529, 531, 532
- Gall, C.M., 512
- Gallagher, K.P., 6, 55
- Gallego, J., 184, 185, 197, 199, 201
- Gallez, B., 190, 194
- Gallily, R., 511
- Gallo, E.F., 462, 467–471
- Gallucci, F., 558–561
- Galluzzi, L., 430
- Galofre, M., 595
- Galson, D.L., 441
- Galvani, M., 559
- Galve-Roperh, I., 503
- Gambhir, S., 370
- Gamoh, S., 144
- Gan, Y., 399, 460, 464, 466, 468, 474
- Ganote, C.E., 57
- Gant, V.A., 443
- Ganzella, M., 523, 524, 527
- Ganzhorn, J.U., 37
- Gao, C.-Y., 185, 186, 197, 199, 411
- Gao, F., 57
- Gao, G., 186, 193, 297, 412, 413
- Gao, H., 171, 274, 460, 464, 466, 468, 474,
601
- Gao, J.H., 595
- Gao, L., 231, 235, 586
- Gao, Q., 322, 325, 435, 464, 470
- Gao, R., 442
- Gao, W., 391
- Gao, X.M., 293, 311, 318, 319, 321, 323–325,
327, 328, 330, 331, 375, 494, 523,
563
- Gao, Y., 184, 187, 196, 201, 216, 299, 367, 398,
412, 413, 460, 464, 466, 468, 474
- Gaoni, Y., 500
- Gao-Yu, C., 174, 274
- Garcia, C., 175
- Garcia, J.A., 441
- Garcia, L., 248

- Garcia, S., 81, 318
Garcia-Dorado, D., 52, 72, 75
Garcia-Eroles, L., 559, 560
Garcia-Roves, P.M., 439
Garcia-Yebenes, I., 376
Gardiner, E., 585
Gardner, T.W., 541
Garg, N., 270
Garlick, P.B., 60
Garlid, K.D., 6, 58, 62, 64, 74, 81, 433, 436, 437
Garner, C.C., 352
Garnier, P., 185, 187, 194, 200, 248
Garthwaite, G., 433
Garthwaite, J., 433
Gasche, Y.G., 458
Gáspár, T., 195, 294, 390–392, 433, 469, 558
Gass, A., 319
Gass, P., 279
Gassmann, M., 185, 191, 201
Gateau-Roesch, O., 64, 75
Gatting, M., 213, 220
Gattullo, D., 74, 76
Gaughan, C.L., 431
Gaunt, M.E., 77, 604, 608
Gautier, S., 463, 467, 470, 471, 474
Gaver, V., 606
Gavilanes, A.W., 463, 471
Gawron, A., 524, 527–529
Ge, P.F., 399, 400, 403
Ge, Y.G., 80, 81
Geiger, P.C., 439
Geiser, F., 37
Geisler, S., 396
Gele, P., 235
Gelly, C., 439
Gelpi, E., 70, 443
Gelpi, R.J., 75
Genade, S., 57
Gendron, T., 154
Geng, D.F., 159
Geng, J.X., 466, 474
Geng, X., 6
Genis, A., 506
Genka, C., 60
Gensert, J., 190
Geocadin, R.G., 184–186
Georgieff, M., 280
Gerace, E., 322, 326, 330
Gerard, L., 608
Gerard, R.D., 441
Gerasimenko, J.V., 430
Gerasimenko, O.V., 430
Gerhart-Hines, Z., 441, 443
Gerich, F.J., 392
Gerloff, C., 457
Germano, S.M., 270
Geromanos, S., 189, 381, 530, 535
Gerstenblith, G., 506, 507, 509, 510
Gertz, K., 273, 408
Gerwins, P., 373
Geschwind, D.H., 10
Gess, B., 412
Gessa, G.L., 502
Gesuete, R., 231, 234, 465, 468, 472, 473
Gething, M.J., 435
Geyer, A.B., 399
Gezercan, Y., 297
Ghadban, C., 503
Ghai, H.S., 27, 371
Ghaleh, B., 73
Ghasemi, M., 68, 69, 71
Ghezzi, P., 9
Ghiardi, G.J., 543, 545
Gho, B.C., 65, 68, 69, 245
Ghosh, T.K., 435
Giala, M., 184–186, 194
Giang, D.K., 502
Giannopoulos, G., 53, 82, 608
Giannotta, S.L., 294
Giardina, C., 294, 299
Gibson, C.L., 556
Gibson, D., 500, 501
Gibson, D.G., 234
Gibson, G., 76
Gibson, P.H., 76
Gibson, S., 56
Gidday, J.M., 5, 8, 9, 44, 138, 139, 165,
184–189, 191–194, 196, 198,
200–203, 213, 220, 248, 259, 260,
262, 264, 266, 271, 292, 293, 297,
300, 302, 309, 312, 313, 411, 437,
441, 458, 459, 462, 463, 467–471,
523, 541–545
Gietz, A., 273
Giffard, R.G., 8, 349, 350, 367
Gigante, P.R., 167
Gilbert, G.L., 503
Gilbert, S.F., 4
Giles, T., 352
Gill, D.L., 435
Gillespie, C., 457
Gillespie-Brown, J., 57
Gillum, R.F., 106
Gin, T., 293, 603
Gincel, D., 433
Ginis, I., 9, 184, 187, 500, 511
Ginsberg, M.D., 38, 124, 136, 235, 270, 272,
273, 280, 297, 323, 429, 601

- Gioffre, P.A., 5
 Giordano, F.J., 442
 Giovanardi, R.O., 601
 Giralt, M., 439
 Girgis, J., 512
 Gircz, Z., 606
 Gissel, C., 434
 Giulian, D., 9
 Giunta, F., 172, 493
 Givel, F., 438
 Gladwin, M.T., 438
 Glantz, L., 235, 500
 Glassman, M., 56, 57
 Glazier, S.S., 232, 235
 Gleiter, C.H., 218
 Glimcher, L.H., 397
 Globus, M.Y-T., 38, 272, 323
 Glos, J., 37
 Gluschenko, T.S., 184, 185, 187, 192–196,
 199, 409
 Gnaiger, E., 190, 194
 Go, A., 457
 Gobbi, M., 530
 Godman, C.A., 294, 299
 Godukhin, O.V., 184, 186, 193, 195
 Goebel, U., 175, 542
 Goel, G., 112
 Goemans, C., 510
 Goertz, A., 280
 Gokmen, N., 219
 Goldberg, A.L., 402
 Goldberg, M.E., 4
 Goldberg, M.P., 8, 349–352
 Golden, J.A., 184, 185
 Goldstein, B., 47
 Goldstein, I.M., 5, 541–543
 Goldstein, L.J., 299
 Golech, S.A., 504
 Golshani, K.J., 274
 Goma, F.M., 64
 Gomez, L., 64
 Gomez-Pinilla, F., 113
 Gomi, T., 601
 Gomi, Y., 461, 471
 Gomis, P., 299
 Gonatas, N.K., 23
 Goncalves, L.M., 442, 443
 Gonenc, S., 219
 Gong, B., 542
 Gong, K.-R., 185, 186, 197, 199
 Gong, Y., 294, 310
 Gonoï, T., 62
 Gonye, G.E., 377
 Gonzales, C., 230, 273
 Gonzales, E.R., 184, 185, 201, 271, 467
 Gonzalez, G., 62, 75
 Gonzalez, J.M., 280
 Gonzalez, P., 25
 Gonzalez-Baron, M., 328
 Gonzalez-Barroso, M.D., 439
 Gonzalez-Zulueta, M., 8, 340, 342, 437
 Goodman, M.D., 73
 Goodman, Y., 391
 Gopalan, B., 10, 189, 202, 366, 368,
 373–377, 467
 Gopher, A., 500, 501
 Gorbunova, V., 441
 Goren, B., 184, 185, 194, 322
 Gorgias, N., 184–186, 194
 Gorji, A., 341
 Gorog, D.A., 436
 Gorospe, M., 436
 Gorus, F., 190, 194
 Gosling, P., 78, 604, 608
 Goto, M., 55, 56, 60, 61
 Goto, S., 273
 Goto, Y., 270
 Gotoh, J., 3, 4, 9, 10, 275, 459, 461, 470
 Gottlieb, M., 323, 326, 327, 563
 Gottlieb, R.A., 63, 75
 Gottlieb, S.F., 584
 Gottlob, K., 443
 Gottschalk, B., 6, 559–561
 Gotz, T., 544
 Gou, X., 595
 Gould, E., 113
 Gower, D.J., 4
 Goyagi, T., 231, 235, 275, 461, 470
 Gozal, Y., 61
 Grabb, M.C., 8, 245, 246, 342, 347, 349, 351
 Graber, S., 352, 353
 Grabiec, U., 503
 Graf, R., 279–281
 Grafe, M.R., 274
 Graham, C.E., 544
 Graham, D.I., 228, 232, 235, 270, 273
 Graham, S.H., 4, 6, 8, 231, 235, 275, 277, 340,
 344, 367, 369, 399, 436, 465, 473,
 503, 530, 531, 567
 Grahn, D.A., 37
 Grande, L.A., 107, 113
 Graumann, J., 535
 Graupner, G., 166, 173, 295, 491
 Gray, J.J., 184, 187, 202
 Gray, L.J., 556
 Greasley, P.J., 504
 Greeley, G.H., 436
 Green, D.R., 78, 430, 604, 608

- Green, R., 606
 Green, S., 438
 Green, T.K., 43
 Greenberg, D.A., 10, 503, 523, 524, 527, 529
 Greenberg, J.H., 276, 277, 280
 Greenfield, J.C., Jr., 5, 51
 Greenlund, K., 457
 Greenmayre, J.T., 24, 25
 Greensmith, L., 370
 Greer, D.M., 124
 Greer, J.J., 438
 Grega, M.A., 606
 Grego, F., 319
 Gregory, A.D., 107, 113
 Gregory, C.A., 11
 Greisman, S.E., 3
 Gressens, P., 170, 184, 185, 197, 199, 201
 Grider, M., 113
 Grieb, P., 488, 523
 Griffin, G., 500, 501
 Griffin, S.C., 585, 586, 608
 Griffiths, E.J., 61–63, 443
 Griffiths, T., 340
 Grigg, J., 541
 Grigoriadis, N., 509, 510
 Grimm, C., 185, 191, 192, 201, 250
 Grisar, T., 22
 Grisar-Charlier, J., 22
 Grisham, M.B., 436
 Groc, L., 340
 Grocott, H., 175, 606
 Grodecka, L., 78, 604
 Groen, R.J., 295
 Groenendaal, F., 198, 436
 Grooms, S.Y., 356
 Grosfeld, A., 190, 194
 Gross, E.R., 298
 Gross, G.J., 55, 56, 58, 60–62, 65, 68–70, 83, 298, 433, 502
 Gross, R.W., 439
 Grossman, R.G., 351
 Groszer, M., 185, 191, 201
 Grotta, J.C., 279, 319, 323, 439, 591
 Grover, G.J., 6, 62, 81, 433, 561
 Grundy, E., 52, 77, 78, 604, 608
 Gu, G.J., 173, 411
 Gu, J.L., 57, 172, 440, 493
 Gu, Q., 171
 Gu, Y., 294
 Gu, Z., 110
 Guagliano, E., 443
 Guan, Y.S., 173, 294
 Gudino-Cabrera, G., 441
 Gueugniaud, P.Y., 64
 Guida, N., 331
 Guillet, B.A., 170, 171
 Gulbins, E., 435
 Gulker, H., 601, 602
 Gunaydin, B., 78
 Guo, A.C., 561
 Guo, M., 106, 110, 118, 184, 194, 195, 466, 473, 474
 Guo, Q., 171, 322, 331, 373
 Guo, R.X., 436
 Guo, S.X., 170
 Guo, W., 186, 198
 Guo, X., 184, 185, 195, 199
 Guo, Y.L., 57, 63, 373, 436
 Gupta, H., 5, 541–543
 Gupta, K., 443
 Gurd, J.W., 354
 Gurvitz, V., 235, 500
 Gustavsson, M., 189, 197, 264, 265, 459, 460, 462, 469–471
 Gustaw, K., 201
 Gute, D.C., 5
 Gutilla, M., 46
 Gutsaeva, D.R., 185, 193, 195, 395, 413, 439
 Gutzwiller, F., 184, 187–189, 193, 194, 202
 Guvendik, L., 571, 585, 586
 Guyton, K.Z., 436
 Guyton, R.A., 53, 71–75, 79, 317, 326
 Guzman, M., 443, 503
 Guzy, R.D., 430
 Gwak, M.S., 172, 221
 Gwinn, R., 7, 235
 Gyi, L., 4
 Gysembergh, A., 57, 68
- H**
- Ha, J., 443
 Ha, T., 367, 458, 459, 462, 467, 468
 Ha, Y., 184, 201
 Ha, Z.D., 586
 Haase, N., 457
 Habib, M.M., 293
 Hacke, W., 130
 Hackett, D.R., 559, 561
 Hackett, S.F., 441
 Hadam, J., 524, 525, 527, 529
 Haddley, K., 534
 Hadingham, S.J., 278
 Hafner, G., 3
 Hafner, M., 354
 Hafstad, A.D., 438
 Hagberg, H., 189, 197, 222, 260, 261, 410, 459, 460, 462, 469–471

- Haghiri, H., 341
 Hagioka, S., 42
 Hagve, M., 438
 Hahn, H., 436
 Hahn, J., 486–489
 Hai, S., 433
 Haile, M., 166
 Hailpern, S., 457
 Haines, B.A., 439
 Hajizadeh, S., 457, 461, 467, 468
 Hajrasouliha, A.R., 68, 69, 71
 Hakim, A.M., 7, 273–275, 277, 349
 Hale, S.L., 245, 353
 Halestrap, A.P., 61–63, 75, 393, 394, 443
 Halkos, M.E., 53, 71, 72, 75, 79, 317, 326
 Hall, A.C., 169
 Halle, E., 273
 Hallenbeck, J.M., 3–5, 9, 10, 38, 40, 45, 109,
 111, 118, 134, 138, 139, 141, 165,
 169, 184, 187, 275, 327, 367, 371,
 459, 461, 466, 470, 474, 500, 511,
 523, 527
 Halley, M., 124
 Halliwell, B., 220
 Halow, J., 62
 Halpain, S., 352, 353
 Halsey, J.H., 274
 Halterman, M.W., 265, 297, 491
 Hamada, H., 10
 Hamada, J., 187, 412, 413, 462, 468, 469
 Hamakubo, T., 366, 368–370, 372, 373
 Hamann, G.F., 109
 Hambleton, M.A., 63, 75
 Hamblin, M., 438
 Hamernik, R.P., 5
 Hamill, C.E., 220
 Hamilton, R.W., 581
 Hammerling, U., 436
 Hammond, B.J., 21
 Hamrick, S.E.G., 185, 193, 195
 Han, B.H., 188, 201, 463, 468, 469, 471
 Han, C., 173
 Han, D.H., 439
 Han, H.C., 71, 602
 Han, J., 56, 57, 437, 544
 Han, R.Q., 294
 Han, S., 184–188, 193, 544
 Han, X., 184, 187, 195, 439, 466, 472
 Hanada, M., 328
 Hand, S., 26
 Handa, N., 6, 236, 579
 Handschin, C., 439, 443
 Hanley, D.F., 184–186, 310
 Hanley, P.J., 62
 Hansen, A.J., 23, 24
 Hansen, B.M., 27
 Hansen, H.H., 501, 502
 Hansen, H.S., 501, 502
 Hansen, S.H., 501, 502
 Hansen, T.M., 11, 53, 82, 608
 Hansen-Schwartz, J., 295
 Hansson, G.K., 9
 Hansson, O., 367
 Hanus, L., 500, 501, 503
 Hao, W., 487, 490
 Hao, Y., 231, 235
 Haque, R.M., 167
 Hara, K., 8
 Hara, S., 192
 Hara, T., 401, 412, 413
 Harada, H., 232, 237
 Harada, K., 10
 Harada, N., 299
 Harch, P.G., 297
 Hardemark, H.G., 591
 Harder, D.R., 231, 235, 275, 461, 470
 Harding, H.P., 435
 Hardingham, G.E., 342, 343, 443
 Hardingham, N.R., 343
 Hardy, P., 583
 Harken, A.H., 601
 Harker, C.T., 38
 Harkin, D.W., 245
 Harms, L., 6
 Harold, F.M., 20
 Harper, M.E., 441
 Harries, M.D., 188, 201, 292, 293, 297, 300,
 463, 468, 469, 471
 Harrington, C.A., 5, 10, 41, 189, 313, 343,
 364, 366, 368, 370–374, 467, 532
 Harris, A.L., 192
 Harris, A.Z., 340, 343
 Harris, J., 52, 77, 78, 604, 608
 Harris, K.A., 605
 Harris, R.A., 190, 194
 Harris, V.A., 8
 Harris, W.S., 141
 Harrop, A., 544
 Hart, G.B., 580
 Harten, S.K., 190, 194
 Hartings, J.A., 280
 Hartl, F.U., 4, 353
 Hartley, D.M., 8, 349, 350
 Hartnett, K.A., 5, 368
 Hartung, H.P., 10
 Hartwig, J.H., 353
 Harukuni, I., 556
 Hasan, D., 294

- Hasbani, M.J., 351, 352
Hashemi, P., 280
Hashiguchi, A., 187, 462, 468, 469
Hashimoto, M., 37, 38, 45, 144, 270–273,
279, 581
Hashimoto, N., 274, 277
Hasko, G., 501, 504
Hasselblatt, M., 219, 510
Hassels-Berger, J., 24
Hassen, G.W., 245
Hassoun, S.M., 322, 331
Hata, R., 6, 236, 579
Hatala, D.A., 542
Hatase, O., 346
Hatazaki, S., 523–525, 527–529, 531–534
Hatch, T.F., 140
Hattori, K., 229
Hattori, R., 58
Hatzinikolas, G., 442
Haug, F.M., 392
Hausenloy, D.J., 11, 52, 53, 56, 59, 63, 64,
67, 71–75, 77, 78, 82, 83, 388, 393,
396, 441, 506, 557, 562, 563, 571,
601, 602, 604, 608
Hawel, L., 467
Hawkinson, J.E., 343
Haworth, R.A., 435
Hay, N., 443
Hayakawa, T., 24
Hayashi, T., 10, 328, 399, 400, 435
Haydon, P.G., 344
Hayer, S., 343
Hayer-Hartl, M., 4
Hayes, J.D., 443
Hayes, K., 106, 113
Hayward, M.D., 52, 73, 77, 78, 237, 604, 608
He, D.Y., 594
He, G.H., 271
He, H., 439
He, P., 184, 185, 197, 199, 461, 467, 470
He, Q., 328
He, R.R., 69
He, W., 184, 186, 191, 198
He, X.H., 441
He, Y.Y., 4, 8, 173, 221, 270, 271, 311, 401
He, Z., 272, 279, 557, 558, 561
Headrick, J.P., 60, 72
Heads, R.J., 56, 57
Heald, P.J., 23
Heales, S.J., 437
Heard, S.O., 68
Hecht, N., 197, 470
Heck, P.M., 82, 558, 604, 608
Heerdt, P., 166
Heesom, K.J., 61
Hegde, A.N., 353
Heidarianpour, A., 457, 461, 467, 468
Heidbreder, M., 70, 71
Heidenreich, R., 192
Heijnen, C.J., 198, 436
Heim, C., 524, 527, 529
Heim, T., 143
Heine, M., 340
Heinen, Y., 73
Heisler, N., 25
Heiss, W., 24
Heiss, W-D., 279–281
Hekmati-Moghadam, S.H., 299
Heldmaier, G., 37
Helftenbein, G., 438
Heller, H.C., 37, 352
Hellwig-Burgel, T., 440
Helm, G.A., 302
Helms, M.J., 606
Helqvist, S., 80, 318
Helton, R., 265
Hemmert, J.W., 544
Hemmings, B.A., 328
Henchcliffe, C., 544
Hendershot, L., 435
Heneka, M.T., 406
Henn, V., 218
Hennelly, M.M., 544
Hennemann, B., 469
Henning, O., 68
Henrich-Noack, P., 214, 273
Henriksen, P.A., 458
Henry, D.E., 433
Henry, M.M., 58, 433
Henry, T.D., 81, 318
Henshall, D.C., 9, 313, 353, 367, 368, 375, 463,
467, 474, 522–529, 531–534, 568
Heo, J.H., 605
Hepp, S., 392
Herbert, J.M., 491
Herculano, B., 494
Herdegen, T., 525, 530
Herlenius, E., 184
Hermes, M., 604
Hermes-Lima, M., 38
Hernandez, F., 175
Hernandez, L., 62
Hernando, V., 75
Herndon, R.M., 24
Heron, A., 248
Herrmann, O., 273
Herson, P.S., 280
Hertz, R., 443

- Herwig, A., 38
 Herzog, N., 71
 Hespel, P., 190, 194
 Hess, D.C., 459
 Hetz, C., 63
 Hetzel, F.W., 4
 Heurteaux, C., 8, 10, 117, 138, 141, 143,
 147–152, 154, 155, 246, 348, 525,
 529–531, 546
 Heusch, G., 52, 56, 57, 62, 63, 72–74, 78,
 83, 604
 Hewitt, K., 348
 Hewitt, M., 342, 347, 351
 Heyman, A., 580
 Heynen, S., 191, 192
 Hibbeln, J.R., 142, 144
 Hickey, E.J., 263, 367
 Hickey, R.W., 184, 187, 196, 401
 Hicklin, D.J., 184, 185, 197, 199, 201
 Hicks, C.A., 7, 345, 351
 Hidalgo, J., 188, 198, 201
 Hideg, K., 544
 Hiebert, G.W., 512
 Higashi, H., 431
 Hightower, L.E., 294, 299
 Higuchi, T., 42
 Higuti, T., 62, 433
 Hilfiker-Kleiner, D., 73, 74
 Hill, M.D., 340
 Hill, M.L., 5, 51, 601
 Hillard, C.J., 502, 504
 Hillis, G.S., 76
 Hillje, A.L., 353
 Hillman, G.R., 280
 Hills, C.P., 351
 Hine, C., 441
 Hines, J.J., 5, 51
 Hirai, K., 63
 Hiraizumi, Y., 436
 Hirakawa, M., 42, 581
 Hiramatsu, K., 270
 Hirata, A., 60, 75
 Hirata, N., 388
 Hirata, T., 172, 173
 Hirohashi, K., 433
 Hirota, K., 441
 Hirota, Y., 60
 Hirsch, N., 436
 Hirt, L., 465, 472
 Hiwatari, M., 461, 471
 Ho, C.J., 232, 237, 441
 Ho, D.Y., 370, 531
 Ho, K.L., 4
 Ho, L.-T., 184, 185, 193, 194, 201
 Ho, P.M., 457
 Hobbs, T.R., 274
 Hochachka, P.W., 22, 25, 26, 28, 41, 371
 Hockings, P.D., 278
 Hoerter, J., 439
 Hof, P.R., 27
 Hofbauer, K.H., 412
 Hoff, J.T., 151, 173, 214–220, 294, 299,
 309–314
 Hoffman, D.R., 140
 Hoffman, E.P., 443
 Hoffman, M.S., 185, 201
 Hoffman, R.A., 37
 Hoffman W.E., 493
 Hoffmann, O., 367
 Hofmann, F., 343
 Hofmann, K., 430
 Hofmann, P.A., 390
 Hogan, E.L., 270, 319
 Hogan, M.J., 274, 277, 348
 Hogg, R.T., 441
 Hogins, J., 344, 350
 Hogue, C.W., Jr., 175
 Hohnadel, E.J., 459
 Holbach, K.H., 492
 Holbrook, N.J., 436
 Hollen, L., 41
 Hollis, V.S., 438
 Holloszy, J.O., 439
 Holman, R.T., 140, 144
 Holmes, E.W., 5, 51
 Holmes, G.L., 529, 530
 Holmstrom, K.M., 396
 Holmstrup, M., 506
 Holmuhamedov, E.L., 6, 60, 435
 Holmvang, L., 80, 318
 Holtby, H.M., 77, 78, 604
 Holtsberg, F.W., 10
 Holtzclaw, B.J., 124
 Holtzman, D.M., 9, 185, 188, 437, 462, 468, 469
 Homen, D.S., 367, 375, 467
 Hong, D.M., 78, 604
 Hong, H., 382
 Hong, J.M., 601
 Hong, S., 531
 Hong, S.-C., 270
 Hong, S.K., 71, 602
 Hong, S.M., 112
 Hong, S.S., 184, 186, 193, 200, 201
 Hong-Li, X., 487, 490
 Honma, M., 544
 Honmou, O., 10
 Hoole, S.P., 82, 558, 604, 608
 Hooper, J., 77

- Hopkins, S.J., 111, 511
 Hori, M., 53, 60, 64, 75
 Horiguchi, T., 371
 Horikawa, Y., 76
 Horiuchi, Y., 512
 Horky, L.L., 134, 136
 Horn, J.W., 340
 Hornik, C.P., 327, 328
 Horowitz, M., 312, 506–512
 Horrobin, D.F., 142–144
 Horrocks, L.A., 143, 144
 Horsburgh, K., 273, 443
 Horstrup, J.H., 192
 Hoschitzky, J.A., 52, 603
 Hoshi, A., 459, 465, 467, 468, 473
 Hoshi, K., 603, 607
 Hoshida, S., 53, 64
 Hoshikawa, T., 167
 Hoshino, T., 462, 472
 Hossain, M., 171, 172
 Hossmann, K.-A., 118, 270, 279
 Hota, K.B., 443
 Hota, S.K., 443
 Hothersall, J.S., 436
 Hou, H., 504
 Hou, L., 167, 169, 172–174, 298, 493, 584, 592
 Hou, W.G., 173
 Hou, Y.Z., 185, 186, 193
 Houkin, K., 10
 Housman, C., 527
 Hov, D.A., 30
 Hovda, D., 494
 Howard, A.B., 11
 Howard, M.R., 534
 Howard, V., 457
 Howell, K., 443
 Howells, D.W., 134, 136
 Howlett, A.C., 500
 Howng, S.L., 293, 298, 299
 Hoyer, K., 439
 Hoyos, B., 436
 Hoyt, R.F., Jr., 438
 Hoyte, L.C., 235, 273, 275, 340, 462, 470
 Hrehorovska, M., 435
 Hruza, Z., 4
 Hsieh, C.C., 584
 Hsieh, J., 319, 328, 330, 331
 Hsu, A.K., 56, 58, 68–70, 433
 Hsu, C.Y., 4, 8, 221, 270, 271, 319
 Hsu, F.-C., 184, 185, 193, 194
 Hsu, F.P., 487, 489
 Hsu, S., 151
 Htun, P., 57
 Hu, B.R., 346, 353, 595
 Hu, C.-J., 192, 395
 Hu, C.P., 70
 Hu, F., 184, 187, 195, 466, 472
 Hu, G., 106
 Hu, H., 216, 217, 294, 299
 Hu, L.F., 175
 Hu, Q., 279, 299
 Hu, R., 173, 174, 297
 Hu, S.L., 171, 173, 174, 297, 562, 604, 609
 Hu, W., 172, 173
 Hu, W.-W., 184, 185, 197, 199
 Hu, W.N., 586
 Hu, W.W., 461, 467, 470
 Hu, X., 184, 185, 191, 196, 198, 415
 Hu, Z., 436
 Hua, F., 174, 274, 367, 458, 459, 462, 467, 468
 Hua, Y., 173, 214–220, 234, 294, 296, 299,
 310–315, 401, 411, 412, 459, 463,
 467, 468
 Huan, L., 594
 Huang, C., 396
 Huang, C.-C., 185, 201, 232, 237, 263, 264,
 458, 462, 467–469, 472
 Huang, C.F., 271
 Huang, C.H., 593, 594
 Huang, C.K., 56
 Huang, F.P., 294, 310
 Huang, H.-S., 185, 191, 200, 544
 Huang, J., 231, 235, 278–280, 458
 Huang, L.E., 349, 440
 Huang, N.C., 280
 Huang, P.L., 185–187, 193, 231, 234, 235,
 278, 461, 468, 469
 Huang, Q., 56, 57
 Huang, R., 79
 Huang, S.Y., 57, 142
 Huang, W.J., 123
 Huang, W.Q., 440
 Huang, X., 184, 186
 Huang, Y., 74, 114, 115, 117, 123, 167, 169,
 171, 221
 Huang, Z.G., 63, 118, 234
 Hübel, K., 279–281
 Hughes, D., 534
 Huh, J.-T., 271, 273
 Hui, K.K., 592
 Hui, L., 487, 490
 Huisamen, B., 57
 Hulbert, A.J., 141
 Hunninghake, G.W., 56, 60
 Hunt, M.A., 296
 Hunter, B., 10, 189, 366, 368, 373, 374, 467
 Hunter, C., 169, 221, 277, 459, 461, 469, 470
 Hunter, D.R., 435

- Hunter, T., 190, 353
 Huo, X., 185, 186, 197, 199
 Hurn, P.D., 167, 168, 176, 229, 231, 235, 275,
 280, 431, 461, 470, 493
 Hurtado, O., 234, 376, 407, 466, 473
 Hurwitz, S., 148
 Husain, S., 544
 Huster, G., 313
 Hutchinson, P.J., 511
 Hwang, B.Y., 167
 Hwang, D., 141
 Hwang, J.W., 166, 168, 501, 502
 Hwang, P.M., 437
 Hwang, S.L., 293, 298, 299
 Hylland, P., 27, 29, 30
 Hyong, A., 487–490
- I**
- Iacomino, G., 437
 Iadecola, C., 9, 135, 136, 139, 437, 462,
 467–471
 Iceman, K.E., 42, 436
 Ide, K., 111
 Ide, T., 348
 Jeong, E., 171, 172
 Iglesias, R., 439
 Iijima, T., 431, 435
 Imura, O., 56
 Ikeda, F., 353
 Ikeda, T., 263, 399, 459, 462, 467, 468
 Ikeda, Y., 443
 Ikegaya, Y., 352
 Ikeno, F., 436
 Ikenoue, T., 459, 462, 467, 468
 Ikonomidou, C., 501, 502
 Iliodromitis, E.K., 57, 83, 436, 601
 Im, Y.B., 373
 Imai, I., 461, 471
 Impey, S., 9, 368, 531
 Imura, N., 192
 Inada, H., 300
 Inagaki, K., 436
 Inagaki, N., 62, 117
 Inamasu, J., 118
 Inamura, K., 431
 Inazawa, J., 62
 Ingram, D.D., 106
 Ingwall, J.S., 439
 Inners-McBride, K., 59
 Inohara, H., 63, 75
 Inoue, D., 58
 Inoue, I., 62, 391, 433
 Inoue, K., 231, 235, 295, 319, 322,
 325–327, 330
 Inoue, T., 603, 607
 Inverte, J., 75
 Insko, M.A., 47
 Inubushi, T., 68
 Inukai, T., 512
 Iqbal, A., 78, 604
 Irvin, S.M., 503
 Irwin, M.G., 81
 Isaev, N.K., 167, 169, 170, 184, 186, 198,
 219, 280, 298, 492, 493
 Ishida, A., 530, 531
 Ishida, H., 60
 Ishida, K., 173
 Ishida, M., 59
 Ishida, T., 5
 Ishii, K., 541
 Ishii, Y., 271
 Ishikawa, A., 8, 235
 Ishikawa, Y., 172, 173
 Israel, M., 390
 Israeli, D., 431
 Issemann, I., 438
 Itabashi, H.H., 522
 Ito, M., 584
 Itoh, K., 501
 Itoyama, Y., 8, 464, 465, 472–474
 Itti, R., 79, 80, 608
 Iurato, L., 184
 Ivanova, N.E., 583
 Iwabuchi, S., 349
 Iwai, M., 184, 187, 196, 299
 Iwai, T., 58
 Iwama, T., 319
 Iwana, G.K., 506
 Iwanaga, Y., 184, 185, 188, 191, 197
 Iwao, Y., 431, 435
 Iwase, H., 63, 430
 Iwata, N., 230
 Iwatsubo, T., 352
 Izumiyama, M., 464
 Izumo, S., 56
 Izuta, H., 399
- J**
- Jaattela, M., 367
 Jabehdar-Maralani, P., 68, 69, 71
 Jaburek, M., 62, 74
 Jacewicz, M., 270–272, 275, 279–281
 Jackson, D.C., 25, 26, 28, 29, 44
 Jackson, R.M., 436
 Jacobus, W.E., 431
 Jaderstad, J., 184

- Jadhav, V., 173, 174, 294, 299, 486–491, 495
 Jager, S., 439, 443
 Jaggi, A.S., 245, 298, 505
 Jagiella, W.M., 582, 587
 Jahn, H.M., 353
 Jahng, G.H., 594
 Jahr, C.E., 345
 Jain, A., 573
 Jain, K.K., 583
 Jain, M., 573
 Jain, R.K., 491
 Jaiswal, A.K., 443
 Jakob, H., 78, 604
 Jakob, R., 64, 74
 Jallo, J.I., 504
 Jamil, K., 47
 Janaky, T., 606
 Janero, D.R., 501, 502
 Jang, J.H., 443, 603
 Janier, M., 438
 Janmey, P.A., 353
 Jannier, V., 170
 Jannsen, B.J., 280
 Janoff, A., 4
 Janovska, A., 442
 Jantze, H., 188, 201
 Januzzi, J.L., Jr., 76
 Jardine, K., 441
 Jaroshevich, O., 184, 185, 187, 193
 Jarpe, M.B., 56
 Jarretou, G., 151, 152, 155
 Jarvis, C.R., 42
 Jauch, E., 375
 Javadov, S.A., 63, 443
 Jaworska-Adamu, J., 524, 527–529
 Jay, T.M., 25
 Jeffrey, R.R., 76
 Jeftinija, K., 344
 Jeftinija, S., 344
 Jegger, D., 73
 Jelkmann, W., 440
 Jenkins, D.P., 77
 Jenkins, K., 144
 Jenkins, L.W., 510
 Jennings, N.M., 546
 Jennings, R.B., 5, 6, 19, 51, 58–61, 64, 165, 243, 259, 505, 553, 568, 591, 601, 602
 Jensen, F.E., 459, 474, 475
 Jensen, H.A., 11, 562
 Jensen, J.S., 80, 318
 Jeon, D., 380
 Jeon, H., 301
 Jeon, Y.T., 78, 166, 168, 604
 Jeong, J.W., 440
 Jeoung, N.H., 190, 194
 Jeppesen, L.L., 4
 Jessick, V.J., 342, 348–350, 352–354, 403
 Jesunathadas, R., 173, 487, 490, 491, 495
 Jeyabalan, A.P., 438
 Jeyabalan, G., 175
 Jeyaseelan, K., 414
 Jeysen, Z.Y., 608
 Jhaveri, K.A., 410
 Ji, C., 373
 Ji, S.P., 524, 525, 530
 Ji, X., 120
 Jia, H.M., 80
 Jia, J., 439
 Jia, S.H., 461, 467
 Jiang, B.H., 190
 Jiang, D., 184, 185, 195, 199
 Jiang, G., 190
 Jiang, H., 169, 506, 509
 Jiang, J., 184–186, 188, 331, 601
 Jiang, K.W., 592, 594
 Jiang, N., 277
 Jiang, Q., 459
 Jiang, R., 53, 72–75, 319, 322, 332
 Jiang, T., 80
 Jiang, W., 80, 524, 525, 530
 Jiang, X., 185, 193, 195, 247, 344, 350, 409, 410, 412
 Jiang, Y., 217, 312
 Jiao, X., 46
 Jickling, G., 375
 Jikuya, T., 319
 Jimenez-Mateos, E.M., 523–529, 531–534, 568
 Jin, B.-K., 230, 273
 Jin, K.L., 8, 10, 369, 436, 503, 530, 531
 Jin, R., 458
 Jin, X.H., 586
 Jin, Y., 353
 Jin, Z.G., 595
 Jin, Z.Q., 74
 Jinka, T.J., 46
 Jinka, T.R., 41, 47
 Jneid, H., 561
 Jo, N., 542
 Joh, H.-D., 231, 235, 275, 461, 470
 Johansen, F.F., 340, 346
 Johansson, D., 26, 29, 30
 Johnnides, M.J., 184, 187, 196, 299
 Johnson, C.A., 340
 Johnson, G.L., 56
 Johnson, M.B., 523, 525, 528, 532–534
 Johnson, M.R., 500
 Johnson, R.S., 184, 191
 Johnson, S.B., 140

- Johnston, K.M., 583
 Johnston, M.V., 459, 460, 462, 469–471
 Johnston, S.C., 559, 560
 Joly, S., 191, 192
 Jonas, E.A., 433
 Jonas, S., 137, 601, 606
 Jonassen, A.K., 57
 Jones, A.W., 464, 467
 Jones, D.L., 544
 Jones, M., 106
 Jones, N.M., 184, 186, 191, 194, 199, 201,
 264, 265, 412, 459, 465, 473
 Jones, R.H., 606
 Jones, S., 601, 606
 Jones, T.A., 107, 113
 Jones, T.E., 439
 Jones, W.K., 53, 63, 71
 Joo, H., 437
 Jordan, B., 190, 194
 Jordan, J.E., 71
 Jorgensen, E., 80, 318
 Jorgensen, H.S., 4, 118
 Joseph, B., 171, 172
 Joshi, R., 3, 294, 299
 Jouglu, E., 166
 Jourdain, A., 487–489
 Jovanovic, A., 60, 435
 Jovanovic, S., 60, 435
 Jovanovic, V., 6, 559–561
 Jover, T., 346, 356
 Joye, E., 438
 Juettler, E., 10
 Juhasz, E.D., 53, 602
 Juhaszova, M., 64, 394
 Julian, T., 21
 Julier, K., 175
 Jump, D.B., 140
 Jung, H.H., 167, 168, 170, 172, 326, 331
 Jung, K.-H., 185, 191, 380, 465, 474
 Jung, S.N., 443
 Jung, W.S., 594
 Jungehulsing, G.J., 6
 Junier, M.P., 370
 Jurgensen, J.S., 192
 Jurgenson, U., 141, 144
 Justicia, C., 110, 370
 Juvonen, T., 11
- K**
- Kaasik, K., 46
 Kabir, A.M., 436
 Kabir, A.N., 57
 Kader, A., 271, 273
 Kaheinen, P., 441
 Kaidoglou, K., 184–186, 194
 Kaimaktchiev, V., 367
 Kain, T.C., 605
 Kaiser, R.A., 63, 75
 Kaku, Y., 319
 Kalaycioglu, S., 78
 Kalb, R.G., 8, 340, 342, 437
 Kalbfleisch, J.H., 367, 458, 459, 462, 467, 468
 Kalehua, A.N., 9
 Kalil, A.N., 601
 Kallenberg, K., 6, 138, 559, 560
 Kallmes, D.F., 302
 Kalmar, B., 370
 Kalogeris, T.J., 464, 467
 Kalpana, S., 184, 186, 462, 467, 468
 Kalsoft, A.K., 11, 53, 82, 608
 Kaluza, J., 459
 Kamada, H., 280
 Kamada, T., 8, 53, 64
 Kamelgard, J., 61
 Kametsu, Y., 273, 277
 Kaminski, N.E., 500, 501
 Kamiya, T., 10
 Kamme, F., 353
 Kammersgaard, L.P., 118, 120
 Kamphuis, W., 541, 543
 Kan, Y.W., 299
 Kanamaru, K., 300
 Kanchuger, M., 569
 Kaneko, T., 169, 303, 391, 493
 Kanemitsu, H., 272
 Kang, B., 373
 Kang, H., 166, 168
 Kang, I., 443
 Kang, J.X., 148, 184, 187, 195, 466, 472
 Kang, K.M., 380
 Kang, N., 184, 187, 195, 466, 472
 Kang, Y.J., 299
 Kang, Z., 173, 174, 491
 Kano, T., 232, 237, 462, 472
 Kanwar, M., 542
 Kanzik, I., 78
 Kao, L.W., 582–584
 Kao, R.L., 367, 458, 459, 462, 467, 468
 Kaoukis, A., 53, 82, 608
 Kapadia, R., 373
 Kapinya, K.J., 167, 169, 170, 184, 185, 191, 198,
 201, 219, 220, 280, 298, 492, 493
 Kaplan, B., 270, 272
 Kaplan, S.S., 271
 Kappel, A., 192
 Kappelle, L.J., 368
 Karabacakoglu, A., 296

- Karadenizli, Y., 78
 Karanian, D.A., 501, 502
 Karavolias, G.K., 57, 83
 Kareva, T., 544
 Karibe, H., 118
 Karikó, K., 276
 Karliner, J.S., 74
 Karmazyn, M., 64
 Karsch, M., 184, 186, 198, 219
 Karski, J., 606
 Karwowski, J., 603, 605, 607
 Kasaoka, S., 303
 Kass, I.S., 170, 171, 431
 Kassell, N.F., 270
 Katakam, P., 390–392
 Katakam, P.V., 195, 433, 469
 Katayama, Y., 462, 463, 470, 472, 494
 Katchanov, J., 273
 Kathiresan, S., 76
 Kato, H., 7, 8, 243, 244, 347, 352, 399, 461, 464, 465, 471–474
 Kato, K., 8
 Katoh, H., 584
 Katsnelson, M., 294, 296, 302, 558, 562, 572, 604, 609
 Katsumata, T., 463, 470
 Katsura, K., 391, 463, 470
 Kattenhorn, M., 603
 Kaufman, R.J., 435
 Kaul, D., 367
 Kaur, H., 505
 Kaveeshwar, U., 5
 Kavelaars, A., 198, 436
 Kawagoe, J., 8
 Kawaguchi, K., 436
 Kawaguchi, M., 167, 279
 Kawahara, K., 349
 Kawahara, N., 222, 260, 275, 276, 348, 366, 368–370, 372, 373, 437, 459–461, 467–470
 Kawai, C., 59
 Kawai, K., 342, 348
 Kawai, N., 118, 280, 342, 372, 530, 531
 Kawakatsu, H., 56, 57
 Kawamata, T., 279
 Kawano, H., 280
 Kawano, T., 280
 Kawaraguchi, Y., 167
 Kayama, T., 112, 531
 Kazim, S., 69
 Ke, Y., 184, 186, 191, 198, 459, 465
 Kearn, C.S., 504
 Keating, J., 280
 Keberle, H., 219
 Keedy, A., 291
 Keenan, S., 510
 Keep, R.F., 173, 214–220, 234, 280, 294, 296, 299, 309–315, 411, 412, 458–461, 463, 467, 468
 Kehl, F., 170, 171, 438, 492, 493
 Keith, B., 192
 Keith, R.A., 328
 Kelbaek, H., 80, 318
 Keller, H., 438
 Kelley, J., 367, 458, 459, 462, 467, 468
 Kelley, M., 74
 Kelly, B.D., 441
 Kelly, D.A., 26
 Kelly, D.P., 439
 Kelly, M.E., 10, 522–524, 527, 529, 568
 Kelly, P.A.T., 273
 Kelly, P.J., 279, 280
 Kelsey, N.A., 159
 Kelty, J.D., 121, 123
 Kemp, M., 77
 Kempermann, G., 512
 Kempski, O., 213, 220
 Kennedy, C., 38
 Kennedy, J., 251
 Kenneth, N.S., 192
 Kensler, T.W., 443
 Kent, K.C., 603, 605, 607
 Kent, T.A., 280
 Keogh, B., 52, 73, 77, 78, 604, 608
 Keogh, C., 185, 191, 196, 198
 Kerendi, F., 53, 71, 72, 75, 79, 317, 326
 Kern, T.S., 541, 542
 Kerr, R.S., 294
 Kerstein, J.R., 493
 Kertz, B., 142
 Kesaev, S.A., 583
 Keshert, E., 491
 Ketterman, A.J., 57
 Kettner, N.W., 592
 Kety, S.S., 21, 23
 Keum, S., 271
 Kevin, L.G., 61, 388, 390
 Key, L., 373
 Keyl, P.M., 310
 Khalid, A.M., 438
 Khalil, D., 113
 Khaliulin, I., 61
 Khan, M., 184, 201, 544
 Khan, S.N., 82, 544, 604, 608
 Kharatishvili, I., 528
 Kharbanda, R.K., 11, 52, 53, 68, 70, 77, 78, 82, 571, 602–604, 608
 Khaspekov, L., 245

- Khazaei, M.R., 353
 Kheireddin, A.S., 296
 Kholodilov, N., 544
 Khoshbaten, A., 409, 410, 457, 461, 467, 468
 Khot, U.N., 250
 Khoury, J.C., 375
 Kida, M., 59
 Kienzle, M.F., 458
 Kieran, N.E., 443
 Kiessling, M., 270, 271, 346, 347
 Kietzmann, T., 297
 Kikuchi, H., 270, 274, 277
 Kilian, S.A., 56, 57
 Kim, A.S., 442, 443
 Kim, C., 272, 278
 Kim, C.H., 584
 Kim, C.S., 166, 168
 Kim, D.H., 443
 Kim, E., 245, 247, 436, 437
 Kim, E.H., 465, 474, 605
 Kim, E.J., 436, 443, 602
 Kim, G.T., 584
 Kim, H., 108
 Kim, H.F., 142
 Kim, H.L., 438
 Kim, H.J., 184, 201, 299, 352, 503
 Kim, H.S., 443
 Kim, J., 60, 75, 185, 191, 390, 443
 Kim, J.A., 352
 Kim, J.H., 78, 604
 Kim, J.M., 465, 474
 Kim, J.W., 438, 441
 Kim, J.Y., 415, 416
 Kim, K.N., 184, 201
 Kim, K.S., 438
 Kim, K.W., 440
 Kim, M.S., 185, 191, 380, 465, 474, 584
 Kim, N., 437
 Kim, S., 214, 218, 310
 Kim, S.-J., 185, 191, 465, 474, 544
 Kim, S.H., 64, 440, 441, 605
 Kim, S.O., 57
 Kim, S.S., 443
 Kim, S.U., 185, 191
 Kim, S.Y., 438
 Kim, W.K., 504
 Kim, Y., 124
 Kim, Y.I., 71, 562, 602
 Kim, Y.J., 231, 235, 601
 Kimbro, J.R., 279
 Kimes, A.S., 556
 Kimoto, S., 601
 Kimura, A., 118, 119
 Kimura, H., 174
 Kimura, K., 6, 236, 579
 Kimura, M., 310
 Kimura, Y., 174
 Kin, H., 53, 72–75, 326
 Kindy, M.S., 10
 King, G.L., 370
 King, J.S., 506, 532–534, 568
 Kingsman, S.M., 192
 Kinni, H., 106, 113, 123
 Kino, T., 370
 Kinoshita, M., 68
 Kinsolving, C.R., 23
 Kipar, A., 534
 Kipnis, E., 171
 Kirchner, J.L., 606
 Kiriazis, G., 184–186, 194
 Kirino, T., 123, 134, 139, 222, 229, 275, 342, 348, 366, 368–370, 372, 373, 437, 459–461, 467–470
 Kirk, M.A., 582–584
 Kirkeboen, K.A., 505
 Kirkorian, G., 63, 79, 80, 608
 Kirsch, J.R., 167, 296, 493, 574
 Kirschner, D.L., 43
 Kis, B., 294, 371, 391, 392, 433, 459, 462, 467, 468, 558
 Kishi, K., 62, 433
 Kiss, L., 46
 Kissela, B., 457
 Kitagawa, K., 6, 8, 138, 236, 243, 244, 259, 351, 412, 413, 553, 568, 579
 Kitajima, H., 319
 Kitakaze, M., 52, 60, 75, 83, 175
 Kitano, H., 167, 168, 176, 280, 493, 557, 558
 Kitaoka, T., 310
 Kittner, S., 457
 Kiviluoma, K., 11
 Kiyama, H., 544
 Kjoller, C., 346
 Klahn, S.L., 41
 Klatzo, I., 274, 276
 Klaus, J., 231, 235, 275, 461, 470
 Klaus, J.A., 231, 235, 278–280
 Kleim, J.A., 113
 Klein, N., 603
 Klein, R.M., 443
 Kleinrok, Z., 201
 Klenk, E., 144
 Klesse, L.J., 8, 340, 342, 437
 Klinger, M., 440
 Kloc, M., 64
 Kloner, R.A., 11, 52, 57, 65, 83, 106, 245, 602
 Kluger, M.J., 38
 Klumpp, S., 370, 431, 436

- Klune, J.R., 303
Knab, R., 6
Knable, M., 142
Knerlich, F., 218
Knigge, T., 506
Knight, R.A., 57, 437
Knoblach, S.M., 512
Knoblich, J.A., 353
Knochel, J.P., 124
Knowles, R.G., 437
Knuckey, N.W., 184, 194, 195, 201
Knudsen, D.J., 271
Knuutila, J., 530
Ko, S.Y., 465, 474
Kobara, M., 58
Kobayashi, C., 192
Kobayashi, H., 437
Kobayashi, K., 230
Kobayashi, S., 8, 512
Kocaogullar, Y., 296
Koch, C.J., 491
Koch, J.M., 585
Koch, M., 503
Koch, S.E., 73, 294, 296, 302, 558, 562, 572,
604, 609
Kochanek, P.M., 510
Kochkina, E.G., 184, 185, 200
Kocsis, G.F., 606
Kocsis, J.D., 10
Kodai, S., 433
Kodama, T., 366, 368–370, 372, 373
Kodesh, E., 507, 510
Koegel, I., 531
Koehler, R.C., 231, 235, 278–280, 431
Koerner, I.P., 213, 220
Kofler, J., 229
Kogure, K., 7, 8, 244, 272, 347, 352, 399, 465,
472–474
Kohama, S.G., 274
Kohen, R., 235, 500, 503, 509
Köhler, H., 506
Kohr, G., 343
Koizumi, H., 464
Koizumi, J., 271
Kok, J.W., 38
Kokubo, Y., 8
Kolar, F., 605
Kollmar, R., 10, 118
Kolocassides, K.G., 83
Kolvekar, S.K., 52, 73, 77, 78, 603, 604, 608
Komatsu, M., 401
Kominami, E., 401
Kondapalli, J., 430
Kondo, N., 9
Kondo, S., 501
Kondo, Y., 192
Kondoh, T., 262
Kondratyev, A., 524, 525, 527, 529, 531
Konishi, N., 167
Kono, G., 272
Konstantinov, I.E., 14, 53, 68, 70, 77, 78, 293,
571, 602, 604
Konstas, A.A., 120
Kooyman, G.L., 25
Korcsmaros, T.B.C., 505
Korematsu, K., 273
Koren, L., 141, 144
Korf, H.W., 503
Korichneva, I., 436
Korolchuk, V.I., 402
Korsmeyer, S.J., 63
Korthuis, R.J., 5, 464, 467
Korzhevskii, D.E., 463, 468, 472
Koshimizu, M., 58
Kossmann, T., 511
Kossyvakis, C., 53, 82, 608
Kosten, T.A., 502
Koster, S., 492
Kottenberg, E., 78, 604
Koudstaal, P.J., 294
Kovac, S., 341
Kovacs, I.A., 505
Kovacs-Simon, A., 606
Kowall, N.W., 473
Kowaltowski, A.J., 58, 433
Kowluru, R.A., 542
Kozuka, M., 230
Kozutsumi, Y., 435
Kraemer, M., 469
Kraemer, P.J., 10
Kraig, R.P., 114, 118, 119
Krajewski, S., 248
Kramer, A.F., 106
Kramer, B., 601, 602
Kranias, E.G., 53, 71
Kraus, D.W., 46
Krause, G.S., 243, 250
Kraydieh, S., 10, 270, 272, 312, 505
Kremastinos, D.T., 57, 436, 601
Krenz, M., 60, 62
Kreutz, S., 503
Krey, G., 438
Krieg, T., 62, 73, 75, 326
Kriegelstein, J., 247, 370, 431, 436
Kriegstein, A.R., 494
Krige, D., 192
Kristensen, S.D., 11, 53, 82, 608
Kristensen, T.A., 30

- Kristenson, H.J., 41, 42, 45
 Kristensson, K., 141, 143, 144
 Kristiansen, S.B., 52, 53, 68, 602, 603
 Krnjevic, K., 46, 431
 Kroemer, G., 430
 Kroenke, C.D., 274
 Kroese, F.G., 38
 Krueger, C., 367
 Krug, M., 188, 201
 Krumnikl, J.J., 279
 Krumschnabel, G., 29
 Krupinski, J., 459
 Krusell, L.R., 11, 53, 82, 608
 Krysl, D., 274
 Kubo, T., 63, 75
 Kubota, Y., 541
 Kucinski, T., 6, 319
 Kudo, I., 192
 Kudo, Y., 372
 Kuhn, R., 347
 Kuhn, T.B., 40, 46
 Kuipers, S.D.
 Kukreja, R.C., 72, 505
 Kulinskii, V.I., 348
 Kullar, P., 77
 Kumar, P., 459
 Kumar, S., 57, 367, 459
 Kumar, V., 367
 Kumar, Y., 293
 Kume, M., 601
 Kumral, A., 219
 Kunitomo, M., 192
 Kunis, D.M., 531
 Kuno, A., 74
 Kuntscher, M.V., 245
 Kunz, A., 261, 462, 467–471
 Kuppusamy, P., 544
 Kuramoto, K., 319
 Kuraoka, M., 271
 Kuroiwa, T., 270
 Kuroki, M., 300
 Kurtz, C.C., 41
 Kusnierz-Cabala, B., 313
 Kutty, G., 545
 Kutty, R.K., 545
 Kutuk, O., 511
 Kuukasjarvi, P., 568, 570, 571
 Kuwabara, K., 8, 351
 Kuwagata, M., 541
 Kuzuya, T., 53, 64
 Kwan, A.L., 293, 298, 299
 Kwan, M., 574
 Kwong, K.K., 592
 Kyrzopoulos, S., 83
 Kyto, V., 441
 Kyuwa, S., 271
- L**
 Labrande, C.N., 170
 Lacerda, L., 73
 Lachman, L.B., 9
 Lackland, D., 457
 Laclau, M.N., 58
 Laden, G., 571, 585, 586
 Laderoute, K.R., 442
 Lafuste, P., 190, 194
 Lagouge, M., 443
 Lagreze, W.A., 175, 542
 Lahey, S.J., 175
 Lahteinen, S., 530
 Lai, C.C., 389
 Lai, J.C., 392
 Lai, M.K., 441
 Lai, P.H., 594
 Lai, T.W., 343, 344
 Lai, Y., 401
 Laigle, C., 151, 152, 155
 Lam, A., 296
 LaManna, J.C., 25, 26, 38, 44, 45, 190, 191
 Lambertsen, C.J., 580
 Lambrechts, D., 190, 194
 Lamers, J.M., 605
 Lammings, D.W., 441
 Lamy, C., 558
 Lan, J.Q., 8–11, 189, 231, 235, 344, 348, 368,
 380, 381, 438, 530–532, 535
 Land, J.M., 437
 Landreth, G.E., 406
 Landucci, E., 322, 326, 330, 345, 347
 Lang, F., 435
 Lange, C., 191, 192
 Lange, M., 406, 438
 Lange, P.S., 190, 297
 Lange-Asschenfeldt, C., 245, 246, 248, 347,
 349, 436, 601
 Langeberg, L.K., 353
 Langham, J., 572
 Langley, B., 190, 297
 Langlois, J.B., 438
 Langridge, J., 189, 381, 530, 535
 Lankila, P., 188, 198, 201
 Lanneau, D., 402
 Lanz, S., 192
 Lao, N., 174, 491, 584
 Laprais, M., 463, 467, 470, 471, 474
 Laragione, T., 219
 Larsen, H.K., 30

- Larsen, T.S., 438
 Larson, E.B., 106
 Laser, M., 545
 Laskey, W.K., 80
 Lasley, R.D., 61
 Lassen, J.F., 11, 53, 82, 608
 Lassen, N.A., 23, 24
 Lassonde, M., 583
 Latchman, D.S., 53, 57, 64, 367
 Lathrop, D.A., 83
 Laties, A.M., 543, 545
 Latini, S., 117
 Lattermann, R., 280
 Lau, A., 340
 Lau, D., 343
 Laude, K., 468, 470
 Laudenschlager, V., 184, 185, 197, 199, 201, 265
 Laudizi, L., 297
 Launay, J.-M., 175
 Laurer, H.L., 511
 Laurikka, J., 570
 Lauritzen, I., 8, 117, 138, 141, 143, 148–150,
 155, 348, 529
 Lauritzen, M., 280
 Lauterborn, J.C., 512
 Lavail, M.M., 194
 Lavine, S.D., 294, 574
 Lawrence, D., 78
 Lawrence, M.S., 370
 Laws, E.R., 488
 Lawson, C.S., 6, 64
 Lawson, D.D., 580
 Laxenaire, M.C., 166
 Lazarevich, E.V., 184, 185
 Lazarewicz, J.W., 184, 185, 194, 347, 351
 Lazariotto, M., 406, 438
 Lazdunski, M., 8, 10, 117, 138, 141, 143,
 147–152, 154, 155, 348, 525,
 529–531, 546
 Lazou, A., 57, 112, 601
 Le, Y.Z., 191, 192
 Le Gal La Salle, G., 527, 529, 530
 Leach, R.M., 581
 Leaf, A., 148
 Leaf, J., 71
 Leanza, G., 299
 Leasure, J.L., 106, 113
 Leavitt, B.J., 175
 Leber, K., 279
 Leblond, J., 431
 Lebuffe, G., 63, 235, 322, 331
 Lechler, E., 38
 Lecomte, J.M., 583
 Leconte, C., 184, 199, 203, 323
 Lecour, S., 52, 73, 83
 Lee, A.W., 541, 542
 Lee, B., 397
 Lee, B.I., 605
 Lee, B.Y., 581
 Lee, C., 443
 Lee, C.C., 46
 Lee, C.D., 105
 Lee, C.M., 328
 Lee, E.M., 412
 Lee, G., 74
 Lee, H.C., 190, 201
 Lee, H.M., 436
 Lee, H.S., 299
 Lee, H-T., 232, 237, 262, 412, 413, 458, 462,
 472, 544
 Lee, J., 167, 168, 170, 172
 Lee, J.A., 396
 Lee, J.C., 57
 Lee, J.D., 56, 57
 Lee, J.E., 112, 367
 Lee, J.H., 299
 Lee, J.J., 326, 331, 535
 Lee, J.S., 601
 Lee, J.W., 294
 Lee, K.H., 542, 543
 Lee, K.J., 440
 Lee, K.M., 231, 235
 Lee, K.R., 214, 218, 310
 Lee, K.S., 10, 270
 Lee, L.Y., 190, 201
 Lee, M., 45, 184, 201
 Lee, N.T., 438
 Lee, P.J., 443
 Lee, R.M., 437
 Lee, S., 487–490
 Lee, S.-T., 185, 191
 Lee, S.H., 231, 235
 Lee, S.K., 185, 191, 380, 465, 474
 Lee, S.R., 110, 192
 Lee, S.T., 380, 414, 465, 474
 Lee, S.Y., 436
 Lee, T., 541
 Lee, W.D., 544
 Lee, W.H., 190, 195
 Lee, Y., 396
 Lee, Y.-J., 45, 185, 191, 200, 544
 Lee-Lewandrowski, E., 76
 Lees, K.R., 136, 591
 Lefer, D.J., 438
 Legos, J.J., 5, 368
 Lehman, J.J., 439
 Lehmann, K.A., 221
 Lehmann, S., 367

- Lehnardt, S., 367
 Lehning, E.J., 431
 Lehot, J.J., 64
 Lehotsky, J., 399, 404, 405
 Lei, B., 170, 171
 Lei, D., 185, 201
 Lei, Y., 594
 Leibowitz, R.T., 10
 Leiphart, J.L., 532
 Leist, M., 251
 Leite, J.P., 532
 Leker, R.R., 370, 499, 503, 504
 Lekic, T., 298, 487, 489
 LeMay, D.R., 38
 Lemieux, H., 190, 194
 Lenhard, S.C., 278
 Lennmyr, F., 373
 Lenz, F.A., 504
 Lenzlinger, P.M., 511
 Lenzser, G., 392, 459, 462, 467, 468
 Leonard, M.O., 443
 Leonard, S.S., 438
 Leone, T.C., 439
 Leone-Kabler, S.L., 28
 Leong, S., 143
 Lepola, P., 11
 Leprivier, G., 442
 Lere, C., 527, 529, 530
 Lerin, C., 441
 Lerner-Marmarosh, N., 56, 57
 Leroux, P., 184, 185, 197, 199, 201
 Lesage, F., 155
 Lesperance, F., 142
 Lesperance, P., 142
 Lesser, J.R., 81, 318
 Lessov, N.S., 5, 41, 189, 274, 313, 343, 364, 366, 367, 370–372, 374, 375, 463, 467, 474, 527, 532
 Lester, R.A., 345
 Leung, A.W., 75
 Leung, M.C., 594
 Leung, P.Y., 10, 189, 202, 366, 368, 373–377, 467
 Levant, G., 608
 Levi, E., 436
 Levijoki, J., 441
 Levin, S.G., 184, 186, 193, 195
 Levine, S.R., 123
 Levy, D.E., 229
 Levy, M.L., 294, 574
 Levy, R.B., 57
 Lewandowski, E.D., 439
 Lewandowski, K., 76
 Lewczuk, P., 219, 510
 Lewen, A., 8, 328
 Lewis, B.P., 412
 Lewis, M., 142
 Ley, K.F., 299
 Leys, D., 4, 9
 Leza, J.C., 234
 Lezoualc'h, F., 436
 Lhermitte, M., 4, 9, 235
 L'Huillier, I., 52, 53, 80, 318, 608
 Li, B., 5, 79, 349, 541–543, 545, 546, 586
 Li, C.Q., 61, 80, 367, 401, 436, 458, 459, 462, 467, 468
 Li, D., 175
 Li, F., 173, 174, 272, 297, 332
 Li, G.C., 6, 458, 558
 Li, H., 194, 397
 Li, J.L., 14, 53, 68, 70, 71, 77, 78, 106, 108–110, 120, 167, 173, 174, 184–188, 193, 197, 199, 299, 397, 406, 441–443, 458–461, 467, 468, 471, 472, 544, 602, 604
 Li, L., 74, 167, 169, 172, 187, 190, 221, 298, 326, 331, 353, 595, 601
 Li, M., 159, 189, 343, 381, 530, 535
 Li, M.-M., 184, 186
 Li, M.H., 603
 Li, N., 415, 416
 Li, P., 171, 415, 439, 460, 464, 466, 468, 474
 Li, Q., 63, 174, 299, 542–545
 Li, Q.F., 169, 411, 412
 Li, Q.J., 466, 474
 Li, R.C., 57, 63
 Li, S., 53, 71, 332
 Li, S.Q., 466, 474
 Li, S.R., 294
 Li, T., 529
 Li, W., 174, 184, 349, 415, 416
 Li, W.B., 466, 474
 Li, W.M., 80
 Li, X., 111, 171, 402, 595
 Li, Y., 53, 71, 123, 147, 171, 277, 443, 491, 545, 585
 Li, Y.-X., 186, 198
 Li, Y.J., 68–70
 Li, Y.P., 173, 411
 Li, Y.X., 411, 412
 Li, Y.Z., 562, 604, 609
 Li, Z., 173, 594
 Lian, Q., 173, 491
 Liang, F.X., 592
 Liang, H.L., 395
 Liang, H.W., 322, 325, 464, 470
 Liang, J., 185, 186, 188
 Liang, W., 171, 460, 464, 466, 468, 474

- Liao, J., 319, 328, 330, 331
 Liao, J.-F., 184, 185, 193, 194
 Liao, J.R., 594
 Liao, M., 353
 Liao, S., 53, 65, 71
 Libal, N.L., 168, 280
 Liberman, M.C., 5
 Licata, G., 222
 Lichtenwalner, R.J., 369
 Liebelt, B., 106, 112, 123, 399, 416
 Lieberman, A.P., 9
 Liem, D.A., 69
 Lienhart, A., 166
 Ligumsky, M., 500, 501
 Li-Jun, Z., 174, 274
 Likosky, D.S., 175
 Lilly, G., 184, 186, 462, 467, 468
 Lim, A.L., 441
 Lim, E., 573, 604
 Lim, J., 583
 Lim, K.H., 63, 443
 Lim, K.L., 403
 Lim, K.Y., 414
 Lim, S.C., 184, 194, 195
 Lim, S.W., 166, 168
 Lim, S.Y., 75, 388, 393
 Lim, T.W., 78, 172, 604
 Lim, W.K., 583
 Lim, Y.J., 78, 213, 221, 604
 Limatola, V., 172, 411, 493, 557
 Lin, A.M.Y., 184, 185, 190, 193, 194, 201
 Lin, B., 243
 Lin, C.H., 412, 413
 Lin, C.L., 293, 298, 299
 Lin, C.-S., 230, 273
 Lin, G., 79
 Lin, H.W., 347, 436, 602
 Lin, H.-Y., 263, 264, 462, 467–469
 Lin, J., 192, 439, 465, 473, 546
 Lin, J.G., 592
 Lin, J.H.C., 184, 187, 194, 195, 261, 397,
 466, 472
 Lin, L.C., 441
 Lin, M.T., 123
 Lin, S.J., 251
 Lin, T.N., 8, 439
 Lin, W.Y., 261, 262
 Lin, X.M., 80
 Lin, Y., 346
 Lincoln, T.M., 74, 436, 437
 Lindell, S.L., 41
 Linden, M.D., 313
 Lindsay, K.W., 572
 Lindsberg, P.J., 409
 Lindsey, K., 545
 Ling, F., 120
 Lingle, D.M., 61
 Link, A.J., 535
 Linseman, D.A., 159
 Liou, G.I., 544
 Liou, J.Y., 439
 Lipp, P., 434
 Lipsky, R.H., 530, 531
 Lipton, P., 21, 24, 25, 42, 43, 431
 Lipton, S.A., 410, 544
 Liron, T., 436
 Lisabeth, L., 457
 Lisalo, P., 570
 Lissandron, V., 404, 405
 Lit, L., 302
 Little, S.P., 436
 Liu, B., 353
 Liu, C.L., 114, 117, 123, 346, 353, 400, 403,
 543, 545
 Liu, D., 375, 443, 494
 Liu, F., 344
 Liu, G.S., 55, 57, 62, 63, 72, 443
 Liu, H., 368
 Liu, J., 9, 10, 78, 111, 112, 184, 187, 297,
 367, 437, 466, 474, 500, 531, 583,
 585, 592
 Liu, J.R., 6
 Liu, J.S., 8
 Liu, K., 173, 531
 Liu, L., 194, 343, 344, 354
 Liu, M., 53, 71, 411, 412, 459, 466, 473
 Liu, P., 78
 Liu, P.K., 248
 Liu, P.P., 14, 68, 70
 Liu, S.H., 80, 81, 595
 Liu, T., 9
 Liu, W., 173, 216, 217, 294, 311
 Liu, X., 118, 169, 277, 319, 322, 332, 391,
 459, 461, 469, 470, 595, 601
 Liu, X.H., 8
 Liu, X.L., 80
 Liu, X.M., 433
 Liu, Y., 7, 8, 55, 56, 62, 74, 80, 81, 167, 168,
 170, 173, 174, 185, 186, 188, 244,
 248, 274, 343, 344, 352, 354, 390,
 392, 435, 436, 491–493, 586, 592,
 593, 595
 Liu, Z., 173, 297
 Liu, Z.-H., 184, 186
 Liu, Z.L., 154, 156
 Liverman, C.S., 443
 Lizasoain, I., 234, 376, 466, 473, 500
 Ljunggren, B., 244

- Lliff, B., 46
 Lloyd, P.G., 110
 Lloyd-Jones, D., 135, 457
 Lo, E.H., 109, 110, 136, 137, 139, 226, 247, 473, 474
 Lo, R.T., 295
 Lo, S.C., 594
 Lo, W., 487, 489
 Lobner, D., 347, 349, 351
 Lochner, A., 57, 506
 Lodge, D., 7, 345, 351
 Lodge, N.J., 6, 81, 433
 Loeffert, J.E., 8, 369, 530, 531
 Loeschcke, H.H., 580
 Loewenson, R.B., 582, 587
 Loffler, M., 62
 Lofman, C.O., 29
 Lofye, M.T., 72
 Logan, J.G., 22
 Lohse, L.A., 38
 Lolait, S.J., 500
 Lonborg, J., 80, 318
 London, R.E., 60
 Long, G.G., 340
 Longa, E.Z., 227
 Longatti, P., 299
 Loor, G., 430
 Loor, Y., 124
 LoPachin, R.M., 431
 Lopez, B.L., 57
 Lorbar, M., 68
 Lorenz, J., 53, 71
 Lorenzo, P., 234, 466, 473
 Losano, G., 72, 74, 76
 Lottermann, A., 523, 524, 527
 Lotz, C., 406, 438
 Lou, N., 184, 187, 195, 466, 472
 Loudon, C.S., 57
 Loufouat, J., 64, 75
 Louhelainen, M., 441
 Loukogeorgakis, S.P., 11, 562, 603
 Lounis, B., 340
 Loupatatzis, C., 435
 Louzy, M., 175
 Lovatt, D., 184, 187, 195, 466, 472
 Lovell, M.B., 605
 Lovett-Barr, M.R., 185, 201
 Low, E., 583
 Lowenstein, D.H., 10, 521
 Lower, C., 47
 Lowicka, E., 174
 Löwl, D., 167, 169, 170, 184, 185, 191, 198, 201, 219, 220, 280, 298, 492, 493
 Lowry, O., 24
 Lowry, T., 523, 524, 527, 529
 Lu, A., 10, 189, 192, 302, 310, 366, 466, 474
 Lu, B., 595
 Lu, C., 443
 Lu, D., 512
 Lu, G.-W., 185–187, 193–195, 197, 199, 260, 348
 Lu, H., 510
 Lu, L., 343
 Lu, M., 175
 Lu, N., 544
 Lu, Q., 544
 Lu, R., 70
 Lu, S., 171, 274, 409, 460, 464, 466, 468, 474
 Lu, T.J., 342, 343, 413
 Lu, W.Y., 193, 343, 349, 351, 354
 Lu, Y., 593, 595
 Lu, Z.H., 190, 493, 591, 592, 594–596
 Luan, R., 601
 Luan, X.D., 106, 110, 118, 120, 458, 460, 461, 467
 Lucas, D.R., 339
 Lucchesi, B.R., 6
 Lucchinetti, E., 73
 Luckl, J., 280
 Lucus, P., 581
 Luders, H.O., 524, 525, 527, 529
 Ludman, A.J., 77, 78, 83
 Ludolph, A.C., 348
 Ludwig, L.M., 493
 Ludwig, P.S., 279, 493
 Luerding, R., 469
 Lui, W.Y., 584
 Lukasiuk, K., 528
 Lukic, V., 10
 Lund, T., 438
 Lundberg, A.M., 531
 Lundby, C., 187, 202
 Lunding JI, Checkoway H, 4
 Lundy, E.F., 38
 Luo, B.Y., 322, 325, 464, 470
 Luo, H., 173, 174, 399
 Luo, M., 80
 Luo, Q., 322, 331, 601
 Luo, T.F., 399
 Luo, W., 79
 Luo, Y., 120, 171, 172, 263, 415, 416, 439
 Luo, Z.J., 231, 235, 604, 609
 Lupu, F., 190, 194
 Lurton, D., 524, 530
 Lusardi, T.A., 231, 235, 342, 348, 350, 352–354, 380, 414, 415, 438
 Lust, R., 74
 Lutcavage, M.E., 25

- Lutz, B., 502
 Lutz, P.L., 19, 25–28, 30, 44, 248, 347
 Lv, F.L., 367
 Lv, S., 173
 Lyden, P.D., 214, 222, 591
 Lysko, P.G., 9
 Lythgoe, M.F., 367
 Lytle, B.W., 76
 Lyuboslavsky, P., 220
- M**
- Ma, D., 171, 172, 184, 185, 202, 493
 Ma, G.Q., 392, 586
 Ma, J., 184, 194, 195, 270–272, 367, 458, 459,
 462, 466–468, 473, 474
 Ma, J.-X., 186, 191, 200, 545
 Ma, J.F., 6
 Ma, L., 595
 Ma, M.-C., 185, 191, 200, 544
 Ma, Q., 279
 Ma, R., 167, 169
 Ma, X.L., 57, 80
 Ma, Y.L., 38, 44, 45
 Ma, Z.-M., 184, 186, 195
 Maboudou, P., 4, 9, 235
 Mabuchi, T., 109, 351, 412, 413
 MacAllister, R.J., 11, 52, 77, 78, 603, 604, 608
 MacArthur, P.H., 438
 MacCarthy, P.A., 569
 MacDonald, E., 291
 MacDonald, J.F., 343, 349, 351, 354
 Macdonald, R.L., 291, 295, 301, 457
 Maceren, R.G., 9, 185, 188, 437, 462, 468, 469
 MacFarlane, P.M., 185, 201
 MacGillivray, T.E., 76
 Machiyama, Y., 21
 Macia, C., 63, 608
 Macia, J.C., 79, 80, 608
 Mackay, K., 57
 MacKenzie, E.T., 184, 185, 189, 191,
 197–199, 202, 271, 510
 Mackie, K., 504
 Macleod, M.R., 59, 134, 136
 Madan, A., 185, 193, 195
 Madden, L., 585
 Maddock, H.L., 63, 75
 Maderdrut, J.L., 272
 Madsen-Bouterse, S.A., 542
 Maeda, H., 64
 Maeda, N., 439
 Maehara, K., 605
 Magalhaes H, 37
 Magarinos, A.M., 352
 Magistretti, P.J., 27
 Mahadik, S.P., 144
 Maher, E.R., 440
 Mahfouz, M., 146
 Mahmood, A., 512
 Mai, K.H., 443
 Mai, M., 4
 Mai, W., 443
 Maidatsi, P., 184–186, 194
 Maier, C.M., 118
 Mailer, K., 64
 Maiti, S., 352, 353
 Majda, B.T., 201
 Majewski, N., 443
 Majid, A., 271
 Majmundar, A.J., 190, 192, 194
 Makanji, S.S., 501
 Makela, T., 11
 Makita, K., 169, 493
 Makris, N., 592
 Makriyannis, A., 501, 502
 Maldonado, R., 503
 Maleeff, B., 57
 Malhotra, A.D., 184–186
 Malhotra, S., 250
 Malik, M., 458
 Malkoff, M., 323
 Mallard, C., 189, 197, 222, 459, 460, 462,
 469–471
 Mallolas, J., 466, 473
 Malmqvist, K.G., 431
 Maloyan, A., 507, 509, 510
 Maly, J., 556
 Man, S., 458
 Manabe, T., 344
 Manalo, D.J., 510
 Mancardi, D., 72, 74, 76
 Mandelbaum, A., 500, 501
 Mandemakers, W., 395
 Mandriota, S., 192
 Mangano, C.M., 569
 Mangino, M.J., 41
 Mani-Babu, S., 64
 Manieri, M., 439
 Manintveld, O.C., 605
 Mann, G.E., 63, 299
 Mannaioni, G., 220
 Manning, B.D., 544
 Mano, M., 442
 Mansfield, C.M., 171
 Mansur, K., 544
 Manta, S., 157
 Mantz, J., 170
 Mao, M., 187, 190

- Mao, X., 5
 Mao, X.O., 10
 Mao, X.R., 189, 196, 201
 Mao, Z.Y., 154, 156, 441
 Maraire, N., 271, 273
 Marais, E., 57
 Marangell, L.B., 142
 Marangos, P., 270
 Marban, E., 60, 62
 Marban, E., 433
 Marber, M.S., 53, 56, 57, 63, 64, 436
 Marcel, Y.L., 144
 Marcet, M.M., 542, 544, 546
 Marchal, G., 581
 Marchi, A.G., 297
 Marchuk, D.A., 271
 Marciano-Cabral, F., 504
 Marcon, M., 606
 Marcos, D., 411
 Marcos, H.J.A., 542
 Marcoux, F.W., 274
 Marek, P., 271
 Marelli, A., 457
 Mareš, J., 274
 Marescaux, C., 523–525, 527–530
 Maricq, H., 270, 319
 Marie, C., 185, 187, 194, 200, 463, 468
 Marini, A.M., 8, 523, 530, 531
 Marinkovic, I., 278
 Mark, D.B., 606
 Markarian, G., 524, 525, 527, 529
 Markgraf, C.G., 270
 Markus, R., 541
 Marone, L.K., 175
 Marret, S., 184, 185, 197, 199, 201
 Marsala, J., 327
 Marsh, B.J., 10, 189, 366–368, 373–375, 467
 Marshall, C.J., 57
 Marshall, J.C., 461, 467
 Marsicano, G., 502
 Martel, M.A., 354
 Marti, H.H., 184, 185, 191, 197–199, 202, 218, 510
 Martignetti, V., 437
 Martin, A., 4, 9, 147
 Martin, B.J., 65, 68
 Martin, B.R., 500–502, 504
 Martin, D., 3, 9, 367, 527
 Martin, E., 279
 Martin, H., 543
 Martin, J.L., 27, 56, 57
 Martin, L.J., 229, 247
 Martin, M.J., 442
 Martin, R.D., 298, 314, 487, 489
 Martin, S.L., 37
 Martin R.D., 487–489
 Martin Villalba, A., 609
 Martinez, J.M., 142
 Martinez-Lara, E., 190
 Martinez-Romero, R., 190
 Martino G, Pluchino S, 10
 Martins, E., 431
 Martins, J.G., 142
 Martins, W.C., 527
 Martone, M.E., 346
 Maruki, Y., 431
 Marunouchi, T., 9
 Maruoka, N., 184, 185, 194
 Maruyama, Y., 605
 Marx, W.F., 302
 Marxsen, J.H., 440
 Masada, T., 109, 112, 215, 234, 313, 459, 463, 467, 468
 Mascagni, P., 232, 235
 Mascareno, E., 57
 Mascaro, J.G., 78, 604, 608
 Mash, D., 27
 Mashiko, T., 299, 346, 433
 Masino, S.A., 46
 Masmejean, F.M., 170
 Mason, R., 502
 Masri, L.S., 294, 574
 Massa, S.M., 4
 Mastour, N., 465, 472
 Masuzawa, T., 372
 Mata, M., 23
 Matchett, G.A., 314, 486–489
 Mateo, P., 439
 Mathern, G.W., 532
 Mathews, E., 544
 Matiasova, M., 323, 326
 Matějovská, I., 274
 Matoba, S., 58
 Matrone, C., 186, 191, 192
 Matsuda, L.A., 500
 Matsuda, N., 396
 Matsui, T., 439, 441
 Matsuki, N., 352
 Matsumori, Y., 112, 531
 Matsumoto, K., 473
 Matsumoto, M., 6, 8, 138, 236, 348, 553, 568, 579
 Matsumoto, T., 58
 Matsunaga, M., 436
 Matsushima, K., 7, 274, 275, 277
 Matsushima, S., 524–529, 532
 Matsuwaki, T., 271
 Mattern, R., 545

- Mattson, M.P., 10, 391, 401, 430, 443
 Matus, B., 173, 487, 490, 491, 495
 Matus, S., 397
 Matz, P.G., 299
 Mauger, D., 527
 Maulik, N., 6, 56–58
 Maulucci-Gedde, M., 494
 Maurer, M., 167, 169, 170, 280, 298, 492, 493
 Maxwell, K.M., 5, 541–543, 546
 Maxwell, P.H., 190, 192, 194, 440, 491
 May, J.D., 582–584
 May, M.J., 436
 Mayanagi, K., 391, 392, 433
 Mayer, M.L., 24
 Mayhan, W.G., 175
 Maynard, K.I., 279
 Maysami, S., 11
 Mayser, H., 185, 191, 201
 Mazarakis, N.D., 192
 Maze, M., 171, 172, 184, 185, 202, 493
 Mazzone, M., 190, 194
 Mc Kendrick, M.W., 220
 McAdoo, D.J., 494
 McAdoo, J., 172, 173
 McAllister, A.C., 271
 McAllister, A.M., 493
 McAllister, J.P., 458, 460, 461, 467
 McAuliffe, J.J., 171, 172, 263
 McBurney, M.W., 441, 443
 McCalden, T., 279
 McCarron, R.M., 504
 McCarter, S.D., 605
 McCarthy, T.L., 373
 McClanahan, T., 65, 68
 McCloskey, D.P., 113
 McColl, B.W., 273
 McCollum, P.T., 585
 McCrone, P., 142
 McCrossan, Z.A., 391
 McCulloch, J., 228, 270, 273
 McCullough, J.R., 433
 McCullough, L.D., 187
 McDermott, M.F., 544
 McDermott, M.M., 457
 McDonald, E., 4
 McDonald, M.C., 406
 McDonald, T., 62, 435
 McDonnell, P.C., 9
 McEwen, B.S., 352
 McFalls, E.O., 605
 McFarlane, C., 493
 McFarlin, B.K., 111
 McInerney, J., 442
 McIntosh, C.H., 544
 McIntosh, T.K., 511
 McIntyre, D.C., 10, 522–524, 527–529
 McKay, L.I., 247
 McKhann, G.M., 606
 McKleroy, W., 184, 187, 202
 McLaughlin, B., 5, 138, 368
 McLean, J., 352
 McLeod, C.J., 395, 438
 McIlwain, H., 23
 McIntyne, D.C., 568
 McMahan, B.K., 185, 188, 542–544
 McMahan, S., 9
 McMullen, D.C., 45
 McMurtrey, R.J., 167, 169
 McNamara, J.O., 529
 McQuillen, P.S., 185, 193, 195
 Meade, C.A., 273
 Meadows, J.J., 435
 Mean, R., 280
 Mechirova, E., 323, 326
 Mechoulam, R., 500–504
 Medellin, G., 59
 Meden, P., 272
 Medhi, B., 3
 Medja, F., 184, 185, 197, 199, 201
 Meduru, S., 544
 Meemann, T., 604
 Meesmann, W., 601, 602
 Megow, D., 184, 186, 198, 219, 273
 Megyesi, J.F., 301
 Mehler, M.F., 534
 Mehta, S.L., 439
 Meigs, J., 457
 Meijer, A.J., 433
 Meijer, L., 369
 Meiri, U., 507
 Meisel, A., 184–186, 191, 195, 198, 201, 273,
 293, 363, 367, 391, 407, 553, 561,
 567, 602, 606
 Meisel, C., 273
 Melck, D., 500
 Meldrum, B.S., 340, 522
 Mele, E., 437
 Melino, G., 437
 Melis, M., 502
 Meller, R., 5, 9, 41, 189, 231, 235, 260, 295,
 319, 322, 325–327, 330, 342, 350,
 352–354, 364, 366, 368, 370–372,
 400, 403, 404, 412, 413, 523–525,
 527–529, 531–534
 Melligard, P., 120
 Mello, M.M., 485
 Meloni, B.P., 184, 194, 195, 201
 Meltzer, J., 175

- Melvin, L.S., 500
 Memezawa, H., 272
 Menasche, P., 175
 Mendonca, B.P., 494
 Meng, F., 170, 171
 Meng, P.Y., 595
 Meng, R., 443
 Meng, X., 393
 Menn, B., 369
 Mennerick, S., 344, 350
 Mennini, T., 219
 Mentzer, R.M., Jr., 52, 61, 83
 Mentzer R, Jr., 83
 Menzies, F.M., 402
 Merasto, S., 441
 Meratan, A.A., 298
 Mercado, M.L., 137
 Mercantonio, S., 279
 Merino, V.F., 72
 Merkus, D., 605
 Merritt, C.R., 23
 Mertens, E., 175
 Mervaala, E., 441
 Meschia, J.F., 557, 558, 561
 Messer, Z., 192
 Messi, G., 297
 Messing, R.O., 10, 42
 Mestril, R., 8
 Methy, D., 463, 468
 Metzen, E., 440
 Mewton, N., 63, 608
 Meyer, F.B., 293
 Meyer, R., 296
 Meyermann, R., 545
 Mezt, T.E., 65, 68
 Miao, B., 342
 Miao, Y., 322, 331, 601
 Michael, A., 57
 Michael-Titus, A.T., 148
 Michalkiewicz, M., 530
 Michalkiewicz, T., 530
 Michel, M.C., 56, 57
 Michelangeli, F., 404
 Michelson, A.D., 313
 Michenfelder, J.D., 22
 Mickel, M., 62
 Mielke, J.G., 353
 Mielke, K., 525, 530
 Mies, G., 276
 Miki, T., 56, 62, 443
 Mikoshiba, K., 6, 236, 579
 Mikuni, N., 524, 525, 527, 529
 Milani, H., 157
 Miles, L., 263
 Miletich, D., 493
 Milite, D., 319
 Millen, J.E., 25
 Miller, A.J., 9, 340, 343
 Miller, B.A., 184, 185, 201
 Miller, C.C., 297, 491
 Miller, E.J., 442, 443
 Miller, W.H. Jr, 465, 473
 Millhorn, D.E., 193
 Milligan, S.A., 436
 Millili, J., 61
 Milne, J.C., 443
 Milner, E., 188, 201, 292, 293, 297, 300, 463, 468, 469, 471, 572
 Milsom, W.K., 46
 Milton, S.L., 28, 44
 Milyakova, E.A., 184, 185
 Min, Y., 595
 Minakina, L.N., 348
 Minami, M., 9–11, 313, 367, 368, 375, 412, 413, 463, 467, 474, 527, 531
 Minamino, T., 60, 75
 Minamiyama, Y., 433
 Minassi, A., 502
 Minners, J.O., 438
 Minnerup, J., 137
 Mint, J.J., 78, 604
 Mio, Y., 601
 Miranda, L.F., 184, 191, 411
 Miresmaeili, S.M., 299
 Mishima, T., 431, 435
 Mishima, Y., 232, 237
 Mitchell, G.S., 185, 201
 Mitchell, H.M., 114, 118, 119
 Mitchell, M.B., 393
 Mitsui, T., 319
 Mitsunami, K., 68
 Mittelbronn, M., 545
 Miura, I., 59
 Miura, T., 56, 443
 Miwa, A., 544
 Miwa, H., 344
 Miyagawa, Y., 232, 237
 Miyake, S., 45
 Miyamoto, E., 230
 Miyamoto, O., 346
 Miyaoka, H., 436
 Miyashita, K., 8, 235
 Miyawaki, T., 299, 433
 Miyazaki, B., 271
 Miyazawa, T., 118, 299, 491, 584
 Mizukami, Y., 172, 173
 Mizunoya, W., 370
 Mocanu, M.M., 52, 56, 57, 73, 74, 83, 441–443

- Mocchetti, I., 525, 530–532
 Mochly-Rosen, D., 27, 57, 331, 349, 436, 437, 494
 Mockridge, J.W., 56, 57, 63
 Modo, M., 299
 Moesgaard, B., 501
 Moffat, C., 441
 Moffett, J.R., 353
 Mohammad, G., 542
 Mohrhauer, H., 144
 Mok, V.C., 572
 Mokrushin, A.A., 184, 185
 Molkentin, J.D., 63, 75
 Moller, K., 187, 202
 Molnar, C., 42
 Molnar, E., 606
 Molyneux, A.J., 294
 Monaghan, D.T., 24
 Monassier, J.P., 63, 608
 Moncada, S., 437, 438
 Moncayo, J., 6, 531, 559, 560
 Mondola, P., 437
 Moneta, D., 530
 Monette, R., 342, 348
 Monick, M.M., 56, 60
 Monsein, L.H., 431
 Montgomery, D.L., 583
 Monyer, H., 8, 273, 349, 350
 Moolman, J.A., 57
 Moon, S.K., 594
 Moons, L., 190, 194, 491
 Moore, E.M., 120
 Moore, J., 68–70
 Moore, J.T., 47
 Moore, J.W., 192
 Moore, L., 81, 318
 Moore, S.A., 140
 Morais, V.A., 395
 Morales, C., 75
 Morales, J.R., 466, 473
 Morawetz, R.B., 274
 Moreira, P.I., 195
 Moret, J., 296
 Morgan, J.P., 56
 Morganti-Kossmann, M.C., 511
 Mori, A., 14, 68
 Mori, M., 5, 41, 189, 313, 343, 364, 366, 370–372, 532
 Mori, M.A., 157
 Mori, T., 504
 Morikawa, E., 272, 437
 Morikawa, S., 68
 Morimoto, N., 399
 Morimoto, T., 124, 601
 Morioka, M., 187, 230, 462, 468, 469
 Morioka, T., 9
 Morisaki, K., 118
 Morita, K., 42
 Moriwaki, G., 184–186
 Morley, P., 154, 342
 Moro, M.A., 234, 376, 466, 473
 Moroni, F., 232, 235, 322, 326, 330, 345, 347
 Morooka, S., 603, 607
 Morrice, N., 353
 Morris, M.C., 141, 144
 Morrison, J., 46
 Morrison, M., 46
 Mortelmans, L., 190, 194
 Mortensen, U.M., 52, 603
 Mosca, S.M., 561
 Moskowitz, M.A., 11, 63, 136, 139, 231, 234, 235, 247, 278, 437, 461, 468, 469
 Mossiat, C., 463, 468
 Mostafa, K., 463, 467, 470, 471, 474
 Mostafa, M., 544
 Mostoslavsky, R., 441
 Motohashi, O., 214
 Motsch, J., 279
 Moubarik, C., 170, 171
 Moucharrarie, S., 438
 Mounayer, C., 296
 Mouri, G., 523, 525, 528, 531–534
 Movsesyan, V.A., 512
 Mu, D., 185, 187, 190, 193, 195, 411, 412
 Mu, J., 442
 Mudalgiri, N.R., 73
 Mukasa, A., 366, 368–370, 372, 373
 Mukherjee, S., 144
 Mukuda, T., 370
 Mule, F., 530
 Mullen, M., 603
 Mullenheim, J., 604
 Muller, B., 6
 Mullins, P.G., 278
 Mumford, P.L., 348
 Mundy, C.R., 192
 Munk, K., 11, 53, 82, 608
 Munns, S.E., 184, 194, 195
 Munoz, J.R., 11
 Munro, S., 404
 Muntean, D., 64
 Muntoni, A.L., 502
 Munyao, N., 349
 Murad, F., 437
 Muramatsu, H., 276
 Murata, M., 60, 433
 Murata, T., 184, 185, 194
 Murata, Y., 462, 472

- Murdaugh HV, J.r., 25
 Murphy, A.N., 247
 Murphy, B.M., 353, 531
 Murphy, E., 56, 60–62
 Murphy, N., 524, 525, 527, 529, 532
 Murphy, S., 140
 Murphy, S.F., 175
 Murphy, S.J., 167, 168, 176, 280, 493
 Murphy, S.P., 556
 Murphy, T.H., 352
 Murray, H.N., 6, 81, 433
 Murry, C.E., 5, 6, 19, 51, 58, 59, 61, 64,
 165, 243, 259, 505, 553, 568,
 591, 601, 602
 Muselmann, C., 184, 185, 191, 198, 201,
 219, 220
 Mussolino, M.E., 106
 Musters, R.J., 390
 Musumeci, F., 569
 Muthian, S., 502
 Muzzi, D.A., 293
 Mwamure, P.K., 52, 77, 78, 571, 604, 608
 Myburgh, C., 142
 Myburgh, J.A., 499
 Mychaskiw, G., 583
 Myhr, K.M., 144
 Mykytenko, J., 72–75
- N**
- Na, B.J., 594
 Na, H.S., 71, 562, 602
 Nadaud, S., 192
 Nadler, J.V., 529
 Nadtochiy, S.M., 437, 439, 441
 Nagahiro, S., 230, 273
 Nagai, M., 10
 Nagai, Y., 174
 Nagao, S., 118
 Nagarkatti, D.S., 57
 Nagasawa, H., 272
 Nagase, H., 62, 110, 391, 433
 Nagata, I., 270, 274, 277
 Nagayama, T., 8, 369, 503, 530, 531
 Nagerl, U.V., 353
 Nagoya, J., 121, 123
 Nahm, S.H., 71, 602
 Nair, A.C., 353
 Naito, S., 24
 Najm, I.M., 523–525, 527, 529
 Nakae, I., 68
 Nakagami, M., 601
 Nakagawa, C., 58
 Nakagawa, M., 58
 Nakagawa, T., 63, 75
 Nakagomi, T., 272, 342
 Nakahara, T., 303, 541
 Nakajima, H., 512
 Nakajima, T., 8, 235
 Nakakimura, K., 348
 Nakamachi, T., 436
 Nakamura, H., 280, 463, 470
 Nakamura, K., 319, 372, 401
 Nakamura, M., 167, 348
 Nakamura, S., 462, 472
 Nakamura, T., 220, 310, 312, 314, 372
 Nakamura, Y., 443
 Nakane, M., 437
 Nakane, S., 501
 Nakano, A., 57, 62, 63
 Nakano, S., 244
 Nakao, Y., 3, 4, 9, 10, 275, 459, 461, 470
 Nakata, N., 8, 244, 347
 Nakatani, Y., 192
 Nakaya, H., 60, 62
 Nakaya, Y., 280, 299
 Nakayama, H., 4
 Nakayama, M., 436
 Nakayama, Y., 310
 Nakazawa, A., 367
 Nakazawa, H., 60
 Nakazawa, T., 271
 Nalin, C., 367
 Nalivaeva, N.N., 184, 185, 200
 Namba, K., 42
 Namba, N., 62
 Namikawa, K., 544
 Nandagopal, K., 9, 543, 545
 Nao, B., 65, 68
 Napadow, V., 592
 Narasimhan, P., 297
 Narayan, P., 61
 Nardi, A.E., 142
 Narendra, D., 396
 Naritomi, H., 8, 235, 272
 Narkilahti, S., 528
 Nassief, A., 4, 221
 Nasu, I., 167
 Navet, R., 190, 194
 Nawashiro, H., 3, 9, 10, 118, 299, 367, 466,
 474, 491, 527, 584
 Naylor, M., 231, 234, 299, 370, 458, 460,
 461, 467
 Neafsey, E.J., 399
 Neary, J.T., 500
 Neckar, J., 605
 Nedelec, A.S., 184, 185, 189, 191, 199, 411, 412
 Neder, L., 532

- Nedergaard, M., 184, 187, 195, 280, 466, 472
 Neeman, M., 491
 Nehlig, A., 523–525, 527–529
 Nelles, M., 71
 Nelson, A.H., 271
 Nelson, D.A., 120
 Nelson, R.J., 38
 Nelson, S.R., 523, 524, 527
 Némethová, M., 323, 326, 435, 563
 Nemets, B., 142
 Nemoianu, A., 310
 Nemoz, C., 438
 Nestler, E.J., 237
 Netuka, I., 556
 Neubauer, R.A., 581
 Neubauer, S., 82
 Neuhaeuser, M., 78, 604
 Neumann, H., 512
 Neumann-Haefelin, T., 319
 Newell, J.B., 76
 Newhouse, J.P., 339
 Newman, M.A., 293
 Newman, M.F., 175, 606
 Newton, S.S., 525, 531
 Ng, R., 571, 574
 Ng, S.C., 293, 574, 575, 603
 Ng, T.L., 442
 Ng, Y.S., 542
 Nguemeni, C., 150, 152, 154, 157, 158
 Nguyen, H.V., 434
 Nguyen, K., 370
 Ni, Z.H., 80
 Nicastrì, A., 3
 Nichol, A.D., 120
 Nicholls, D.G., 24, 434–435
 Nichols, C.T., 40
 Nicolay, K., 368
 Nie, H., 174, 491, 584
 Nielsen, M., 346
 Nielsen, S.S., 11, 53, 82, 608
 Nielsen, T.T., 11, 53, 68, 82, 608
 Nielsen-Kudsk, J.E., 68
 Nienstedt, J., 70, 71
 Nieoullon, A.L., 170
 Nighoghossian, N., 438, 582
 Nightingale, P., 78, 604, 608
 Niihori, K., 60
 Niinobe, M., 6, 236, 579
 Niiro, M., 7, 235
 Niitsu, Y., 270
 Nijboer, C.H., 436
 Nilsa, R.-D.V., 193
 Nilsson, G.E., 19, 26–30, 248, 347
 Nilsson, L., 23
 Ning, B., 382
 Ning, K., 353
 Nishijima, K., 542
 Nishijima, M.K., 431
 Nishimura, M.C., 270
 Nishino, A., 214
 Nishino, K., 278
 Nishino, Y., 443
 Nishio, S., 10, 114, 115, 119
 Nishiura, M., 8, 235
 Nishiyama, N., 352, 524, 525, 527, 529, 530
 Nishiyama, Y., 463, 470
 Nishizawa, S., 295
 Nishizuka, Y., 246
 Nissim, I., 439
 Nissinen, J., 528, 530
 Nithipatikom, K., 504
 Nito, F., 280
 Nitsch, R., 367
 Niu, G., 318, 323–325, 563
 Niwa, Y., 299
 Noble, E.G., 106
 Noble, R.L., 4
 Node, K., 392
 Noe, F., 530
 Noell, W.K., 5
 Nogawa, S., 247
 Noguchi, C.T., 188, 190
 Nogueira, V., 443
 Noh, K.M., 299, 346, 433
 Nolte, C., 319
 Nolte, K.W., 47
 Noma, A., 62
 Nombela, F., 466, 473
 Nomura, N., 299, 491
 Noppens, R., 213, 220
 Norberg, K., 23
 Nordvik, I., 144
 Noriega, L., 443
 Normington, K., 435
 Norris, S., 431
 Nortje, J., 511
 Noshita, N., 8, 328, 416
 Nouraei, S.A., 562, 573, 604, 608
 Nouvelot, A., 510
 Novakova, O., 605
 Novalija, E., 60, 61, 388, 390
 Novikov, M., 508, 511
 Nowak, G., 42
 Nowak, T.S., Jr., 8, 244, 270–273, 275–282,
 348, 464, 470, 558
 Nudo, R.J., 457
 Nunneley, S.A., 120
 Nurmi, A., 409

- Nuyts, J., 190, 194
 Nyland, H., 144
 Nylandsted, J., 367
 Nyska, A., 509
- O**
- Obata, T., 544
 Obenaus, A., 486–489
 Obenovitch, T.P., 139
 Oberley, L.W., 56, 60
 Obregon, D., 504
 Obrenovitch, T.P., 25, 259–261, 293, 309, 312,
 313, 505
 O'Collins, V.E., 134, 136
 O'Connell, M.T., 511
 O'Connor, L., 403
 Oddo, S., 403
 Odendaal, L., 606
 Odenheimer, D.J., 270
 O'Donoghue, M.F., 502
 O'Duffy, A.E., 138
 Oe, H., 53, 64
 Oertel, M.F., 301
 O'Farrelly, C., 443
 Ofengeim, D., 299, 433
 Ogasawara, M.A., 193
 Ogawa, K., 605
 Ogilvy, C.S., 279
 Ogita, K., 524, 525, 527, 529, 530
 Ogoh, S., 112
 Ogunbayo, O.A., 404
 Oguro, K., 372
 Oh, J.S., 184, 201
 Oh, Y.-S., 279
 Ohara, Y., 504
 Ohlemiller, K.K., 185, 188, 201, 542–544
 Ohlstein, E.H., 57
 Ohnuki, K., 370
 Ohta, B., 58
 Ohta, S., 56, 57
 Ohtaki, H., 436
 Ohtsu, H., 184, 185, 197, 199, 461, 467, 470
 Ohtsuki, T., 3, 8, 9, 351, 367, 527
 Ohura, M., 59
 Oida, Y., 399
 Oikawa, M., 605
 Ojwang, B.A., 185, 186, 191, 194, 200, 542,
 543, 545
 Okada, M., 144, 167
 Okada, T., 280
 Okado, H., 544
 Okamoto, F., 71
 Okachi, M., 118
 Okten, A.I., 297
 Okuda, H., 524, 525, 527, 529, 530
 Okuno, S., 435
 Oldenburg, O., 62
 Oldfield, E.H., 297
 Oliff, H.S., 271
 Oliveira, C.R., 195
 Oliveira, R.M., 157
 Oliver, F.J., 190
 Olney, J.W., 339, 340
 Olsen, T.S., 4
 Olson, E.N., 64
 Olsson, R.A., 55, 72
 Olsson, T., 367
 Olsson, Y., 274
 Omae, T., 272
 Omata, N., 184, 185, 194
 Omatsu, T., 271
 Ommaya, A., 274
 Onaivi, E.S., 500
 O'Neill, J.J., 21
 O'Neill, M.J., 7, 345, 351
 Onesti, S.T., 271, 273
 Ong, S.B., 59, 64, 396
 Onley, D., 531
 Ono, J., 184, 185, 188, 191, 197
 Oo, T.F., 544
 Ooi, L., 534
 Ooneda, G., 271
 Oosthuizen, P., 142
 Openheim, A., 507, 510
 Opie, L.H., 73, 506
 Oppenheim, C., 558
 Ordonez, A.N., 231, 235, 295, 319, 322,
 325–327, 330, 342, 348–350,
 352–354, 403, 531
 Ordureau, A., 353
 Organisciak, D.T., 545
 O'Rourke, B., 60, 62, 169, 433, 435, 493
 O'Rourke, D.M., 232, 235
 Orr, A.L., 38
 Orsini, F., 231, 234, 465, 468, 472, 473
 Orso, E., 469
 Orti, M., 437
 Ortmann, A.J., 185, 201
 Osbakken, M.D., 60
 Osborne, P.G., 37, 38, 45
 O'shea, F., 296
 Oshima, T., 344
 Oshima, Y., 441
 Oshita, S., 280
 Osinska, H., 63, 75
 Ostadal, B., 556
 Ost'adal, B., 605

- Oster-Granite, M.L., 24
 Ostrowski, R.P., 166, 173, 174, 293–295–299, 301, 487, 490, 491, 495, 605
 Osuga, S., 273, 277
 O’Sullivan, M., 82, 604, 608
 Otal, M.P., 370
 Otani, H., 58
 Otellin, V., 184, 185
 Otori, T., 276, 277, 463, 470
 Otsu, K., 63, 75
 Ottani, F., 559
 Otto, M., 3
 Ottonello, L., 458
 Ouk, T., 406, 463, 467, 470, 471, 474
 Ouml, R.E., 26, 29
 Ouyang, Y.B., 403
 Ovadia, H., 503
 Overgaard, K., 272
 Ovize, M., 11, 52, 53, 63–65, 72, 75, 79, 80, 83, 318, 563, 602, 608
 Oxman, T., 245
 Ozaita, A., 503
 Ozcan, C., 61
 Özdemir, Y.G., 272, 273
 Ozen, O.A., 156, 157
- P**
- Pablo, J., 27
 Pacary, E., 184, 185, 189, 366, 369, 371, 373, 374, 407
 Pacher, P., 501, 504
 Packard, A.E., 10, 366, 368, 373, 374, 467
 Packard, A.E.B., 189
 Pac-Soo, C., 184, 185, 202
 Paden, C.M., 340, 344
 Padmanaban, D., 431
 Pagel, I., 395
 Pagel, P.S., 493
 Pagliaro, P., 72, 74, 76
 Pagliei, B., 441
 Pain, T., 62, 392
 Paine, M., 541
 Paiva, M.A., 442, 443
 Palacios, M., 437
 Palacios-Callender, M., 438
 Palladini, G., 23
 Pallas, M., 441
 Palmateer, J.M., 168, 280
 Palmer, C., 219, 220
 Palmer, G.C., 340
 Palmer, R.M., 437
 Palmeri, M., 442
 Palmon, A., 507, 510
 Pamenter, M.E., 27, 28, 194, 195
 Pan, H.B., 594
 Pan, Y., 473
 Panagiotidou, A.T., 603
 Panagopoulou, V., 53, 82, 608
 Panahian, N., 234
 Pancani, T., 345, 347
 Pancioli, A., 375
 Pandey, P., 367
 Pandya, J.D., 393
 Panes, J., 70
 Pang, L., 370
 Pangalos, M.N., 137
 Panikashvili, D., 501–503
 Panning, B., 194
 Panter, S.S., 531
 Papadakis, M., 235, 275, 282, 462, 470
 Papadia, S., 343, 413
 Papandreu, I., 441
 Papapetrou, P., 399, 416
 Papousek, F., 605
 Pappius, H.M., 276
 Parada, L.F., 8, 340, 342, 437
 Paraskevaidis, I.A., 83
 Parent, J.M., 10, 369
 Parham, S., 192
 Paris, J., 348
 Park, D.K., 465, 474
 Park, E.M., 437
 Park, H., 443
 Park, H.-K., 185, 191, 401
 Park, H.P., 166, 168
 Park, J.M., 594
 Park, J.S., 352
 Park, J.W., 584
 Park, K.H., 45, 380
 Park, L., 462, 467–471
 Park, M.K., 299
 Park, P.S., 271
 Park, S.U., 594
 Park, S.W., 373
 Park, T.S., 8, 9, 184, 185, 187–189, 193, 196, 198, 201, 248, 437, 458, 462, 463, 467–469, 544
 Parker, J.D., 345
 Parker, J.E., 61
 Parkinson, F.E., 27
 Parks, J.S., 294
 Parpura, V., 344
 Parrado-Fernandez, C., 47
 Parratt, J.R., 55
 Pasceri, V., 559, 561
 Pasch, T., 73
 Paschen, W., 397, 400, 434

- Pasdois, P., 61
 Passonneau, J., 24
 Patani, R., 443
 Patel, A.M., 5, 196, 197, 201
 Patel, H.H., 68–70, 76, 167, 368
 Patel, M.K., 531
 Patel, P.M., 279, 280, 368
 Patel, S.M., 184, 185, 202
 Paterno, R., 437
 Patricelli, M.P., 502
 Patyar, S., 3
 Patzer, A., 406
 Paucard, A., 531
 Paucek, P., 6, 58, 62, 81, 433
 Paul, S.M., 8, 494, 523
 Pavanello, L., 297
 Pavlikova, M., 405
 Pawlak, V., 343
 Payne, C.S., 326
 Payne, R.S., 170, 171, 492, 493
 Paz, Z., 506
 Pazednik, T.L., 523, 524, 527
 Pearlstein, R.D., 279, 493
 Pearson, A.N., 353
 Pecina, S., 296
 Peck, L., 144, 148
 Pedal, I., 545
 Pedata, F., 117
 Pedersen, B.K., 187, 202
 Pedersen, H., 272
 Pedersen, P.M., 4
 Pedersen, W.R., 81, 318
 Pedraza, N., 439
 Pedrazzini, T., 73
 Pedrono, E., 278
 Peet, M., 142
 Peggie, M., 353
 Pei, D.S., 342
 Pei, Z., 443
 Peirano, P., 140
 Pek, M., 27
 Pek-Scott, M., 27
 Pelech, S.L., 57
 Pelham, D.J., 542, 543, 545
 Pell, T.J., 68–71
 Pellacani, A., 117
 Pellegrini-Giampietro, D.E., 322, 326, 330,
 345, 347
 Pellegrino, D.A., 9, 185, 188, 437, 462, 468, 469
 Pelto-Huikko, M., 184, 185, 194, 195
 Pena-Tapia, P.G., 197, 470
 Peng, C.F., 70
 Peng, L., 169, 172, 298
 Peng, M., 543, 545
 Peng, P.-H., 185, 191, 200, 544
 Peng, W., 184, 195
 Peng, Y., 173, 593, 595
 Peng, Z.Y., 173, 411, 491, 595
 Penick, G.D., 38
 Penix, L., 522
 Penkova, M., 188, 198, 201
 Penna, C., 72, 74, 76
 Pennant, W.A., 184, 201
 Penner, M.R., 524, 525
 Penrod, C., 524, 525, 527, 529
 Pepe, S., 64
 Pequignot, F., 166
 Peralta, C., 70, 243, 443
 Perdrizet, G., 294, 299
 Pereira, J.G., 494
 Pereira, M.P., 466, 473
 Perella, M.A., 117
 Perez, E., 441
 Perez, R.S., 184, 185, 201, 458, 467
 Perez Asensio, F.J., 370
 Pérez-Pinzón, M.A., 10, 19, 26, 27, 42, 234,
 244, 245, 248, 251, 260, 272, 278,
 294, 296, 302, 312, 323, 347–349,
 375, 433, 436, 437, 441, 494, 505,
 601, 602, 604, 608, 609
 Perfater, J.L., 185, 188, 192, 198, 458, 468,
 470
 Perin, A., 299
 Perkins, G.A., 544
 Perkins, R., 382
 Perlman, M.E., 60
 Pernow, J., 81
 Perra, S., 502
 Perriard, J.C., 73
 Perry, A., 11
 Perry, G., 38, 40, 195
 Peschon, J., 10
 Peters, J., 78, 604
 Peters, M., 603
 Petersen, G., 501
 Petersen, O.H., 430
 Petersen, S.E., 82
 Petersen, S.O., 506
 Petit, E., 8, 184, 185, 189, 191, 197–199, 202,
 366, 369–374, 510
 Petrault, O., 157
 Petrillo, R.L., 581
 Petrosino, S., 502
 Pettet, G.K., 172
 Pettit, D.L., 340, 343
 Petzold, A., 11
 Peugh, J., 485
 Pevet, P., 352

- Peynet, J., 175
 Philipp, S., 72, 74
 Philipson, K.A., 435
 Phillips-Bute, B., 606
 Pialat, J.B., 438
 Piantadosi, C.A., 172, 173, 185, 193, 195,
 436, 439
 Piazza, T.M., 41
 Pichiule, P., 184, 191, 192, 465, 473
 Pickart, C.M., 402
 Pickering, J.G., 441
 Pickett, C.B., 443
 Pickett, W., 297
 Piersiak, T., 524, 527–529
 Pignataro, G., 11, 186, 191, 192, 231, 235,
 319, 322, 325–327, 330, 331, 340,
 380, 438
 Pike, M.M., 274
 Piler, P., 78, 604
 Pilipenko, I., 296
 Pillolla, G., 502
 Pinaud, R., 524, 525
 Ping, A., 303
 Ping, P., 56, 57, 63, 393, 394
 Pingping, X., 322, 331
 Pinsky, D.J., 273
 Pinto, A., 222
 Piomelli, D., 500, 501
 Piot, C.A., 52, 53, 63, 79, 80, 318, 431, 608
 Piotin, M., 296
 Piper, C., 189, 343, 381, 530, 535
 Pipis, J., 606
 Pique, J.M., 70
 Piriou, V., 64
 Pirona, L., 530
 Piroth, Z., 53, 602
 Pisano, P.S., 170, 171
 Piser, T.M., 503
 Pistis, M., 502
 Pitcher, J.M., 557
 Pitha, P.M., 9
 Pitkanen, A., 528, 530
 Pitkonen, M., 278
 Pittelli, M., 232, 235
 Pitts, L.H., 270
 Pivina, S., 184, 185, 199
 Pivorun, E.B., 38
 Pivovarova, N.B., 434
 Pizzo, P., 404, 405
 Plamondon, H., 10, 138, 147, 154, 156, 157,
 348, 525, 529, 531
 Planas, A.M., 110, 370
 Plassman, B.L., 606
 Plate, K., 192
 Pleasure, D., 184, 185
 Plesneva, S.A., 184, 185, 200
 Plesnila, N., 229
 Ploeg, H., 69
 Ploski, J.E., 525, 531
 Plum, F., 229, 230, 273
 Plumlee, C., 112
 Pluta, R.M., 295
 Pocij, J., 438
 Polderman, K.H., 118, 119
 Pollesello, P., 506
 Pollock, D.M., 459
 Pollock, J.S., 437
 Polsky, K., 230, 273
 Polyakova, E.A., 463, 468, 472
 Pons, S., 73
 Pool, A.H., 530
 Poon, W.S., 293, 571, 603
 Popov, V.I., 352
 Popp, S., 170, 171
 Porcaro, W.A., 68
 Porcu, M., 232, 235
 Porter, A.G., 443
 Porto, I., 82
 Poser, W., 218
 Post, H., 56, 57
 Post, R.L., 23
 Poston, J.N., 542, 546
 Potter, D.E., 544
 Potter, G.G., 606
 Potter R.F., 605
 Poulsen, D.J., 348
 Powell-Coffman, J.A., 506, 509
 Powers, C., 459
 Pozzan, T., 430
 Pradillo, J.M., 234, 376, 410
 Prado, R., 42, 270, 280, 347, 375, 601
 Prakash, A., 3
 Prakash, N., 4
 Prange, H., 219, 222
 Prass, K., 167, 184–186, 191, 198, 201, 219,
 220, 250, 273, 411, 412
 Prats, N., 70, 443
 Pratt, P.F., 56
 Pratt, S.M., 439
 Preckel, B., 172, 604
 Prehn, J., 531
 Prehn, J.H., 523–525, 527–529, 531–534
 Preissl, H., 457
 Prendergast, B.J., 38
 Prentice, H.M., 27, 28
 Prestera, T., 443
 Price, C.D., 251
 Price, M., 465, 472

- Prigent-Tessier, A., 185, 187, 194, 200, 463, 468
 Priller, J., 184, 186, 198, 219
 Prince, D.A., 27
 Pringle, A.K., 246
 Prinz, S., 273
 Proctor, J.B., 73, 75, 326
 Prosperetti, C., 504
 Providencia, L.A., 442, 443
 Prywes, R., 435
 Przyklenk, K., 11, 52, 57, 65, 68, 245, 313, 602
 Ptasznik, A., 458
 Pu, Q., 4, 9, 463, 467–469
 Pu, Y., 442
 Pudupakkam, S., 243
 Pugh, C.W., 190, 192, 194, 440
 Pugliese, A.M., 117
 Pugsley, W.B., 6, 77, 243, 561, 569
 Puighermanal, E., 503
 Puigserver, P., 441, 443
 Puisieux, F., 4, 9, 235, 463, 467–469
 Pulsinelli, W.A., 149, 229, 230, 270–273, 275,
 279–281, 349
 Puntambekar, S.S., 467
 Purcell, J.E., 278
 Purcell, N.H., 63, 75
 Purshottam, T., 5
 Puryear, L.J., 142
 Pypaert, M., 442
 Pyrgakis, V., 53, 82, 608
- Q**
- Qi, D., 442, 443
 Qi, J., 466, 474
 Qi, Y., 442
 Qi, Z., 185–187, 193
 Qian, G., 187, 201
 Qian, H., 184, 186, 193, 200, 201
 Qian, L., 437
 Qian, Z., 412
 Qian, Z.M., 459, 465
 Qian Zhong, M., 184, 186, 191, 198
 Qin, L.P., 595
 Qin, Z., 173, 311, 312, 314
 Qiu, J.H., 437
 Qiu, P., 166, 168, 169
 Qiu, Y., 57, 63, 184, 185, 195, 199, 322,
 331, 601
 Qiu, Z., 56
 Qu, Y., 187, 190
 Quan Lan, J., 529
 Quaranta, N., 5
 Quarum, M.L., 345
 Quast, M.J., 280
- Querido, J.S., 112
 Quinn, J.P., 534
 Quinn, R.D., 175
 Quintero, M., 438
- R**
- Raaschou, H.O., 4
 Rabadi, M.H., 113
 Rabb, H., 443
 Rabin, S.J., 530, 531
 Racay, P., 404, 405
 Racine, R.J., 528
 Raczka, F., 63, 79, 80, 608
 Rademacher, D.J., 502
 Radin, N.S., 151
 Raffelsieper, C., 78, 604
 Rafikov, A.M., 583
 Rafols, J.A., 458–461, 467, 468, 471, 472
 Ragatz, R.E., 581
 Raghavachari, N., 438
 Rahman, I.A., 78, 441, 604, 608
 Raimondo, S., 74, 76
 Raisakis, K., 53, 82, 608
 Raisky, O., 75
 Raivio, J., 441
 Raizada, M.K., 370
 Rajapakse, N.C., 371, 391
 Rajdev, S., 8
 Rajesh, K.G., 64
 Rakhit, R.D., 57, 63
 Ralph, G.S., 192
 Ramchand, C.N., 142
 Rami, A., 412
 Ramos, J.A., 501
 Ran, R., 192
 Rancan, M., 511
 Ransohoff, R.M., 458
 Raphael, J., 61
 Rashid, A., 78, 604
 Rasley, B.T., 41, 42, 45
 Rasmussen, P., 187, 202
 Rasoulian, B., 298
 Rastaldo, R., 72, 74, 76
 Rasulian, B., 457, 461, 467, 468
 Ratan, R.R., 190, 192, 220, 297
 Ratcliffe, P.J., 190, 192, 194, 440, 491
 Rathvon, M., 46
 Rauca, C., 188, 201
 Rauter, M., 192
 Ravagna, A., 443
 Raval, A.P., 27, 42, 245, 246, 251, 347,
 349, 391, 392, 436, 441, 494,
 601, 602, 608

- Raval, R.R., 192
 Raval, A.P., 433
 Ravati, A., 409, 431, 436
 Ravizza, T., 530
 Ravussin, P., 485
 Ray, U.S., 605
 Raychaudhuri, S., 4
 Rayner, W., 192
 Razdan, R.K., 504
 Readnower, R.D., 393
 Redaelli, E., 303
 Redel, A., 438, 561
 Redington, A.N., 11, 14, 52, 53, 68, 70, 71,
 77, 78, 82, 293, 602–604, 608
 Redman, E., 441
 Rees, P.J., 581
 Reese, S.A., 28
 Reeves, B.C., 572
 Reeves, J.G., 72–75
 Regal, P.J., 25
 Regli, F., 559
 Regli, L., 294
 Rehling, M., 11, 53, 82, 608
 Rehni, A.K., 232, 236, 245, 298, 322, 353,
 400, 403
 Reichensperger, J., 410
 Reid, D.G., 278
 Reid, K.H., 5, 19, 184, 194
 Reilly, M., 8, 191, 198, 199, 366, 369–373
 Reimer, K.A., 5, 6, 19, 51, 58–61, 64, 165,
 243, 259, 505, 553, 568, 591,
 601, 602
 Reindhardt, C.P., 68
 Reiner, A., 273
 Reinhardt, C.P., 68
 Reiser, G., 214, 215, 273, 310
 Reith, J., 4
 Rejdak, K., 523
 Rejdak, R., 523
 Relton, J.K., 9, 157
 Reme, C.E., 185, 191, 201
 Rempe, D.A., 472, 473
 Ren, C., 175, 293, 311, 318, 319, 321,
 323–325, 327, 375
 Ren, H.M., 459, 464, 468
 Ren, P., 173, 411, 491
 Ren, X., 53, 71
 Ren, Y., 270–273
 Ren, C., 563
 Renshaw, G.M., 347
 Rentoukas, I., 53, 82, 608
 Renzi, F.P., 68
 Renzo, G.D., 231, 235
 Renzo, G.F., 436, 437
 Repine, J.E., 9
 Reshef, A., 348, 436
 Revel, D., 63, 608
 Reves, J.G., 175, 606
 Reyes, R., 111, 118
 Reymann, K.G., 214, 273
 Reynolds, I.J., 434
 Rezkalla, S.H., 83
 Rhee, J., 439
 Rhoden, E.L., 601
 Rhodes, P.G., 184, 185, 187, 197, 199, 265
 Rhodes, S.S., 60
 Ricciardi, M.J., 80
 Rice, M.E., 38, 40, 46
 Richard, V.J., 58, 59, 61, 468, 470
 Richardson, R.J., 215
 Richelme, C., 138, 154, 348, 525, 529, 531
 Richichi, C., 530
 Richmond, T.S., 430
 Richter, D., 21
 Rickman, C., 354
 Ridenour, T.R., 271
 Riegler, E.M., 353
 Riek-Burchardt, M., 214
 Riepe, M.W., 348
 Ries, V., 544
 Riess, M.L., 60, 61
 Rigamonti, A., 301
 Rigor, B.M., 5, 19, 184, 194
 Rimpilainen, E., 11
 Ringwood, L.A., 438
 Rinkel, G.J., 297
 Rioufol, G., 52, 53, 63, 79, 80, 318, 608
 Ritchie, I.M., 273
 Ritossa, F., 388
 Rivas, L.A., 218
 Rivera, P.M., 38, 44, 45
 Rivera-Cervantes, M.C., 441
 Rivo, J., 61
 Rizwi, F., 78, 604
 Rizzi, M., 530
 Roach, G.W., 569
 Robbins, J., 63, 75
 Roberge, M.C., 156, 157
 Robert, D., 64, 75
 Roberts, R.L., 219, 220
 Robertson, F., 296
 Robertson, H.A., 524, 525
 Robertson, M.D., 442
 Robey, R.B., 443
 Robin, E., 4, 9, 25, 171, 322, 331, 391
 Robinson, G.S., 542
 Robinson, J., 4
 Robinson, P.F., 37

- Robinson, R.G., 270
 Rocha, S., 192
 Rocha Araujo, D.M., 142
 Roche, H.M., 146
 Roche, K.W., 340
 Rockswold, G.L., 492, 582, 583, 587
 Rockswold, S.B., 492, 583
 Rodgers, J.T., 441
 Rodnight, R., 399
 Rodriguez, E.R., 510
 Rodriguez Sinovas, A., 394
 Roelke, C.T., 502
 Roeser, N.F., 439
 Roeskes, C., 73
 Roewer, N., 170, 171, 438, 492, 493
 Roger, V.L., 429
 Roh, J.-K., 185, 191, 380, 465, 474
 Roh, K.J., 438
 Rojanasakul, Y., 438
 Rojas, H., 487, 489
 Roloff, A.M., 352
 Romanic, A.M., 110
 Romanovskii, D.Y., 184, 185
 Romera, A., 466, 473
 Romera, C., 118, 234, 407, 410, 466, 473
 Romey, G., 141, 143, 148–150, 155
 Ron, D., 397, 435
 Rooyackers, A., 343, 344
 Rosamond, W., 135
 Rose, E., 55
 Rosello-Catafau, J., 70, 443
 Rosen, A., 353
 Rosen, I., 229
 Rosen, P., 29
 Rosenbaum, D.M., 542–546
 Rosenbaum, P.S., 5, 541–543, 545, 546
 Rosenberg, G.A., 137
 Rosenberg, P.A., 459, 474, 475
 Rosenberger, C., 192
 Rosenblatt, S., 437
 Rosenmund, C., 340
 Rosenstein, R.E., 542, 546
 Rosenthal, M., 24–27, 348
 Rosenzweig, A., 439, 441
 Rosenzweig, H.L., 5, 41, 189, 313, 364, 366, 367, 370–372, 375, 463, 467, 474, 527, 532
 Rosner, G., 279–281
 Ross, A.P., 40–42, 44, 45, 341
 Ross, M.E., 437
 Ross J., Jr., 57
 Rossi, D.J., 344, 350
 Rossi, F., 69
 Rossi, R., 79, 80, 608
 Rossi, S., 69, 504
 Roth, D.M., 76
 Roth, M.B., 46
 Roth, S.U., 5, 347, 541–546
 Rother, J., 6, 319
 Rothman, S., 340, 431, 433
 Rothwell, N.J., 111, 157, 511
 Rotilio, G., 441
 Rouelle, D., 170
 Rougier, A., 524, 527, 529, 530
 Rousou, J.A., 6
 Roussel, S., 184, 199, 203, 323, 510
 Rovainen, C.M., 459
 Rovere, C., 157, 158
 Rowan, A., 441
 Rowe, J., 488, 490
 Rubaj, A., 201
 Rubens, J., 63
 Rubino A, 6
 Rubio, R., 8
 Rudich, A., 57
 Rudin, D.O., 140
 Rudkin, A.K., 541
 Rudolphi, K.A., 27
 Rueda, D., 503
 Ruetzler, C.A., 3, 9, 118, 276, 367, 466, 474, 527
 Ruf, T., 37
 Ruiz Ramos, R., 390
 Runden Pran, E., 392
 Ruscher, K., 184–186, 191, 198, 201, 219, 220, 250, 411
 Russell, D.A., 9
 Russell, R.R., 442
 Rustenbeck, H.H., 219, 510
 Rusyniak, D.E., 582–584
 Rutter-Locher, Z., 442, 443
 Rybak, S.L., 435
 Ryberg, E., 504
 Rybkin, I.I., 439
 Rybnikova, E.A., 112, 184, 185, 187, 192–196, 199, 409, 412
 Ryden, L., 81
 Ryu, S., 231, 235
 Rzhetskaya, M., 544
- S**
 Saad, S., 601
 Sabina, R.L., 5, 51
 Saboureau, M., 352
 Sabourin, G., 441
 Sabourin, L.A., 349
 Sabri, M., 301
 Sacco, R.L., 601, 606
 Sack, M.N., 438

- Sadasivan, S., 401
 Sadat, U., 562, 604, 608
 Sadeghian-Nodoushan, F., 299
 Sadeghipour, H., 68, 69, 71
 Sadoshima, J., 56
 Sage, W.M., 485
 Sah, V.P., 57
 Saha, M., 605
 Sahibzada, N., 524, 525, 527, 529, 531
 Sahin, O., 156, 157
 Sai Ram, M., 184, 186, 462, 467, 468
 Saia, A., 319
 Sailor, K.A., 185, 189, 231, 234, 364–366,
 368, 370, 371, 373
 Saini, M., 124
 Saito, A., 399, 400, 435
 Saito, M., 541
 Saito, N., 348, 437
 Saito, R., 279–281
 Saito, T., 62, 392
 Sakabe, T., 174, 348, 584
 Sakai, N., 270
 Sakai, Y., 603, 607
 Sakakibara, Y., 319
 Sakamoto, J., 56, 443
 Sakamoto, K., 442, 443, 541
 Sakamoto, S., 299
 Sakamoto, T., 141
 Sakatani, K., 462, 472
 Salama, A.I., 4
 Saleh, A., 367
 Saleh, M.C., 399, 400, 608
 Saleh, N., 81
 Saleh, T.M., 608
 Salem, N., Jr., 144
 Saliba, S., 441
 Salinas, M., 323, 326, 435
 Sallenave, J.M., 458
 Salles, D., 64
 Sallustio, V., 5
 Salmon, P., 190, 194
 Salom, J.B., 370, 437
 Salord, F., 582
 Saltzman, H.A., 580
 Salvador, M., 601
 Samardzija, M., 185, 191, 192, 201
 Samavati, L., 56, 60
 Sambandam, N., 439
 Sambrook, J., 435
 Samoilov, M.O., 184, 185, 187, 192–196, 199
 Sampat, A., 546
 Samson, F.E., 523, 524, 527
 Samuelsson, S.J., 542
 Samuni, A., 509
 Sancak, B., 78
 Sancak, T., 300
 Sanchez, I., 608
 Sanchez-Prieto, J., 24, 25
 Sande, P.H., 542
 Sander, J.W., 141, 148
 Sanders, R.D., 171, 172
 Sandu, N., 563
 Sandvik, G.K., 30
 Sang, H., 166, 168, 169
 Sankar, R., 370, 522
 Sanlioglu, S., 56, 60
 Sano, K., 272
 Sans, M., 70
 Santillo, M., 436, 437
 Santos, M.S., 195
 Santos, R.X., 195
 Sapolsky, R.M., 11, 260, 318–321, 323, 327,
 370, 531, 563
 Sarandol, E., 184, 185, 194, 322
 Sarraf-Yazdi, S., 493
 Sartorelli, V., 443
 Sarvary, L., 71
 Sarvotham, S.S., 71
 Sasaguri, S., 64
 Sasahira, M., 523, 524, 527, 529
 Sasaki, H., 60, 75
 Sasaki, T., 413
 Sasaoka, N., 167, 263
 Sasayama, S., 61
 Sasik, R., 368
 Sastre, A.A., 220
 Sato, F., 319
 Sato, H., 71
 Sato, J., 37, 38
 Sato, M., 57
 Sato, R., 512
 Sato, S., 396
 Sato, T., 60, 62, 392
 Satoh, K., 436
 Satriotomo, I., 185, 201
 Sattler, R., 147, 343, 349, 351, 354
 Saucier, D.M., 524, 525, 530
 Sauerbruch, S., 469
 Saugstad, J.A., 189, 231, 235, 380, 381, 414,
 438, 530, 531, 535
 Saul, I., 42, 297, 347, 375, 436, 601
 Saulnier, R., 184, 199, 203, 323
 Saunamaki, K., 80, 318
 Saurin, A.T., 56, 57
 Sauve, A.A., 441, 443
 Savage, D.D., 529
 Savaki, H., 23
 Saver, J.L., 136
 Savitz, S.I., 45
 Savoie, B., 546

- Sawada, M., 9, 229
 Sawada, T., 8, 235
 Sawe, N., 41, 330
 Sawitzki, B., 219
 Saxena, P., 293
 Saydam, T.C., 370
 Sayen, M.R., 63, 75
 Sazonov, I.A., 296
 Scalia, R., 46
 Scapagnini, G., 443
 Scarabelli, T.M., 57
 Scarpulla, R.C., 395
 Scartabelli, T., 322, 326, 330, 345, 347
 Schaal, D.W., 319
 Schäbitz, W.R., 10, 137
 Schaefer, S., 62
 Schaeffer, T., 278
 Schaller, B., 559–561, 563
 Schallert, T., 215, 220, 296, 310
 Schallner, N., 175
 Schaper, W., 56, 57, 438
 Scharbrodt, W., 301
 Scharff, A., 184–186, 191, 198, 201, 219, 220,
 411, 412
 Scharfman, H.E., 512
 Schatz, A.R., 500, 501
 Schau, M., 440
 Schaub, M.C., 73
 Schauwecker, P.E., 527
 Schechtman, D., 436
 Schechtman, K.B., 175
 Scheffer, R.E., 144
 Scheinberg, P., 38
 Schell, R.M., 279
 Schellinger, P.D., 6, 219, 222, 319
 Schepers, J., 368
 Scheuer, T., 42
 Schiavon, E., 303
 Schindler, C.K., 531, 532
 Schinzel, A.C., 63
 Schipper, H.M., 194, 465, 473
 Schlachetzki, F., 469
 Schlack, W., 172, 604
 Schlanger, S., 141, 148
 Schleimer, R.P., 10
 Schley, J.A., 56
 Schlieff, M.L., 351, 352
 Schluesener, H.J., 545
 Schlumpf, M., 270
 Schluter, A., 439
 Schmid-Elsaesser, R., 279
 Schmidt, C.F., 580
 Schmidt, H.H., 437
 Schmidt, J., 438
 Schmidt, M.R., 11, 52, 53, 68, 82, 602,
 603, 608
 Schmidt, O.I., 510
 Schmidt-Kastner, R., 297
 Schmitt, C., 457
 Schmitz, B., 279
 Schneider, A., 273, 409
 Schneider, D., 219, 222
 Schneider, J.P., 76
 Schneider, K., 70, 71
 Schneider, M., 190, 194
 Schneider, U.C., 197, 470
 Schnorrenberger, N.K., 47
 Schock, S.C., 349
 Schoemaker, R.G., 65, 68–70
 Schoen, F.J., 439
 Schoenborn, R., 524, 527–529
 Schoffeniels, E., 22
 Schofield, P.M., 82, 604, 608
 Scholze, C.K., 192
 Scholzke, M.N., 10, 544
 Schoonderwoerd, K., 605
 Schormann, T., 469
 Schousboe, A., 431, 494
 Schreiber, S.S., 523
 Schreiber, V., 301
 Schreier, L., 75
 Schrickler, T., 280
 Schroder, F.K., 492
 Schubert, D., 113
 Schubert, P., 27
 Schubert, W., 542
 Schuierer, G., 469
 Schuit, F., 190, 194
 Schulte, P.M., 506
 Schulte, S., 430
 Schultz, D., 24
 Schultz, J.E., 53, 55, 71
 Schultz, J.J., 65
 Schulz, J.B., 8, 184, 187, 199, 200
 Schulz, R., 52, 56, 57, 72–74, 83
 Schumacker, P.T., 61, 63, 430, 433
 Schuman, E.M., 535
 Schumann-Bard, P., 184, 185, 189, 191, 199,
 203, 323, 366, 369, 371, 373, 374
 Schurr, A., 5, 19, 170, 171, 184, 194, 492, 493
 Schutz, H., 244
 Schwab, J.M., 545
 Schwab, S., 10, 118, 120, 130, 273
 Schwaber, J.S., 377
 Schwaninger, M., 10, 273, 343
 Schwartz, W.J., 23
 Schwarzer, C., 530
 Schweizer, U., 9

- Schwer, C.I., 175
 Schwimmer, H., 507
 Scognamiglio, A., 61
 Sconzo, G., 398
 Scorziello, A., 186, 191, 192, 231, 235, 436, 437
 Scott, B.A., 5, 196, 197, 201
 Scott, C.W., 328
 Scott, J.R., 605
 Sebastian, A.H., 393
 Secher, N.H., 111
 Seeburg, P.H., 343
 Seeliger, M., 185, 191, 201
 Seetharaman, S., 58, 391, 433
 Segal, M., 435
 Segev, L., 327, 328
 Sehara, Y., 10
 Seifalian, A.M., 293
 Seifert, E.L., 441
 Seino, S., 62
 Seki, T., 532
 Selim, M., 219, 220
 Sell, S.L., 280
 Selnes, O.A., 606
 Seluanov, A., 441
 Selvanayagam, J.B., 82
 Selye, H., 507
 Semenov, D.G., 184, 185, 194
 Semenza, G.L., 8, 44, 184, 186, 190–192, 194, 220, 297, 411, 436, 441, 507, 509, 510
 Semkova, I., 247
 Seo, H.G., 299
 Seong, J.K., 438
 Sepulveda, M.R., 405
 Serafin, A., 443
 Sercombe, R., 299
 Serena, J., 466, 473
 Serlachius, M., 188, 198, 201
 Seru, R., 437
 Servoss, S.J., 76
 Sessler, D.I., 120
 Seta, K.A., 193
 Seth, A., 184–186
 Settergren, M., 81
 Severson, D.L., 438
 Seybold, V.S., 503
 Sgubin, D., 299
 Sha'afi, R.I., 57
 Shah, A.R., 9, 184, 185, 188, 189, 201, 437, 458, 462, 467–469
 Shah, S., 142
 Shaikh, A.R., 542–546
 Shamloo, M., 342, 431
 Shamsutdinova, A.A., 184, 186, 193
 Shanley, J., 328
 Shannon, H.E., 530
 Shannon, R., 52, 83
 Shao, G., 185, 186, 197, 199, 411
 Shao, Z., 61
 Shao, Z.H., 61, 63
 Shapira, Y., 57
 Shapiro, H.M., 279
 Shapiro, J.I., 601
 Shapiro, L.M., 82, 604, 608
 Shapiro, S.D., 458
 Sharifi, M., 585
 Sharkey, J., 273
 Sharma, A., 436
 Sharma, H.S., 512
 Sharp, F.R., 4, 8, 10, 44, 184, 186, 189–192, 194, 198, 199, 260, 261, 264, 272, 278, 297, 299, 310, 366, 369–373, 375, 441, 466, 474
 Sharpe, L.G., 339
 Sharples, L., 82, 558, 604, 608
 Shattock, M.J., 436
 Shaw, R., 524, 525, 527, 530–532
 Shaw, T.E., 5, 41, 189, 364, 366, 370–372, 532
 Sheel, A.W., 112
 Sheen, J.M., 594
 Sheerin, A.H., 524, 525, 530
 Shehatha, J.S., 293
 Shein, N.A., 312, 503, 506–512
 Shekhar, S., 278
 Sheldon, R.A., 112, 264
 Shelton, J.M., 439
 Shen, A.C., 60
 Shen, H.Y., 348
 Shen, J., 322, 325, 435, 464, 470
 Shen, M., 503
 Shen, W.W., 142
 Shen, Y., 184, 185, 197, 199, 461, 467, 470, 544
 Sheng, H., 172, 173, 493
 Sheng, R., 401
 Sheng, W.W., 441
 Shenoy, S.K., 544
 Shi, H., 460, 464, 466, 468, 474
 Shi, J., 595
 Shi, L., 382
 Shi, M.T., 185, 186
 Shi, T., 593
 Shi, X.Z., 299
 Shibasaki, F., 172, 173
 Shieh, J.-Y., 185, 201
 Shigeno, T., 270
 Shih, L.C., 9
 Shim, Y.H., 388

- Shima, D.T., 542
 Shima, K., 10, 299, 491, 584
 Shimabukuro, T., 601
 Shimada, I.S., 11
 Shimamoto, K., 443
 Shimazaki, K., 372, 530, 531
 Shimizu, K., 371, 459, 465, 467, 468, 473
 Shimizu, M., 14, 53, 68, 70, 77, 78, 602, 604
 Shimizu, S., 8, 63, 75, 369, 431, 530, 531
 Shimizu, T., 366, 368–370, 372, 373
 Shimoda, L., 441
 Shimoda, N., 461, 471
 Shimohata, T., 319, 331
 Shimoji, K., 195, 431
 Shin, D.S., 27, 28, 370
 Shin, H.S., 9
 Shin, M.L., 9
 Shinitzky, M., 141, 148
 Shinmei, S.S., 522
 Shinmura, K., 247
 Shinoda, A., 501
 Shinoda, S., 531, 532
 Shinozaki, Y., 60, 75
 Shintani, Y., 392
 Shioda, S., 436
 Shiomi, H., 46
 Shiraishi, K., 340
 Shirihai, O.S., 396
 Shitara, H., 185, 193, 195, 439
 Shiva, S., 438
 Shlafer, M., 38
 Shliar, J., 506, 509
 Shoemaker, W.J., 270
 Shohami, E., 235, 312, 340, 344, 370,
 499–504, 506–512
 Shoja, A., 438
 Shokat, K.M., 194
 Short, A.D., 435
 Short, J.G., 302
 Shoshan-Barmatz, V., 433
 Shostak, G.A., 327, 328
 Shpargel, K.B., 259
 Shreeve, W.W., 21
 Shri, R., 245
 Shroff, G.R., 81, 318
 Shu, Y., 184, 185, 202
 Shuaib, A., 591
 Shui, Q.X., 592, 594
 Shuke, N., 37, 38
 Shyr, M.H., 584
 Shyue, S.K., 439
 Sick, T.J., 24, 26, 27, 248, 272, 348, 349, 436,
 437, 494, 601
 Siddiq, A., 190, 192, 220, 297
 Siddiqui, M.A., 57, 58
 Sidor, A., 62, 435
 Siebler, M., 6, 319
 Sieklucka, M., 524, 527, 529
 Sieklucka-Dziuba, M., 201, 523
 Siemen, D., 435
 Siepmann, K., 47
 Siesjö, B.K., 20, 21, 23, 229, 244, 272,
 273, 431
 Sievers, R.E., 431
 Sieweke, M., 192
 Sigaut, S., 170
 Signore, A.P., 184, 187, 196, 216, 299, 367,
 395
 Sihra, T.S., 24
 Sikora, J., 605
 Silasi-Mansat, R., 190, 194
 Silav, G., 300
 Silbergleit, R., 173, 311, 312, 314
 Silberman, D.M., 542
 Siles, E., 190
 Silva, D.F., 303
 Silva, R.F., 410
 Silvaggi, J.M., 439
 Silver, I.A., 20, 21, 431
 Simeonidou, C., 501, 503, 509, 510
 Simerabet, M., 171, 322, 331
 Simkhovich, B.Z., 57
 Simler, S., 525, 530
 Simmons, D.D., 185, 201
 Simon, D.K., 439
 Simon, M.C., 190, 192, 194
 Simon, R.P., 4–11, 122, 134, 138, 139, 141,
 165, 169, 189, 202, 231, 235, 274,
 275, 277, 300, 313, 319, 322,
 325–327, 330, 340, 344, 348, 349,
 364, 366–372, 374–377, 380, 381,
 436, 438, 463, 465, 467, 473, 474,
 500, 503, 506, 522–525, 527–535,
 545
 Simon, S.H., 21
 Simpkins, J.W., 272
 Simpson, K., 297
 Sinclair, D.A., 441
 Sing, C.F., 270
 Singer, J.T., 235
 Singer, O.C., 319
 Singh, A.K., 373
 Singh, D., 70
 Singh, I., 373
 Singh, M., 245
 Singh, N., 232, 236, 245, 298, 322, 505
 Singh, S.B., 443
 Singh, S.N., 605

- Singh, T.G., 232, 236, 353, 400, 403
 Singhal, A.B., 583
 Sinha, S., 605
 Sinn, D.I., 465, 474
 Sinnamon, W.B., 38
 Sinor, A.D., 503
 Siow, R.C., 299
 Sirabella, R., 186, 191, 192, 331, 436, 437
 Siren, A.L., 327, 510
 Sirén, A.L., 218, 219
 Sisalli, M.J., 186, 191, 192
 Sitnik, N., 184, 185, 187, 196
 Sitoh, Y.Y., 583
 Siu, F.K., 594
 Sivarajah, A., 406
 Sivaraman, V., 73
 Sivaswamy, S., 399
 Skeen, J.E., 443
 Skou, J.C., 22
 Sleph, P.G., 433
 Slivka, A., 270
 Sloviter, R.S., 10, 528
 Sluiter, W., 605
 Sluse, F., 190, 194
 Sluzewski, M., 295
 Smallhorn, J.F., 77, 78, 604
 Smerup, M., 53, 602
 Smialowska, M., 184, 185
 Smith, A.J., 494
 Smith, C.B., 23
 Smith, C.L., 434
 Smith, E.E., 136
 Smith, G., 580
 Smith, H., 353
 Smith, M.A., 6, 38, 40, 44–46, 81, 195, 433
 Smith, M.-L., 229, 272, 273, 367
 Smith, P.K., 569
 Smith, R.A., 494
 Smith, T.K., 63, 353
 Smrcka, M., 279
 Smul, T.M., 438
 Snabaitis, A.K., 75
 Sneade, M., 294
 Snider, B.J., 44
 Snipes, J.A., 294, 392
 Snyder, E.M., 353
 Snyder, S.H., 24, 437
 So, N.K., 531, 532
 Sobrado, M., 376
 Sobrino, T., 500
 Soderberg, M., 141, 143, 144
 Soderling, J.A., 353
 Sohmer, H., 506
 Sohn, I.S., 78, 604
 Sohn, T.K., 440
 Soivio, A., 45
 Sokoloff, L., 20, 23, 38
 Solaroglu, I., 486, 487
 Sole, S., 110
 Soleau, S., 270
 Solenkova, N.V., 74
 Sollott, S.J., 64
 Solodushko, V., 74
 Solomon, R.A., 271, 273
 Soltesz, I., 522
 Solway, K., 10
 Somero, G.N., 22, 25, 28
 Somers, S., 73
 Sommer, C., 10, 202, 277, 346, 347, 558
 Sommerschild Hilchen, T., 505
 Somogyvári-Vigh, A., 272
 Soncul, H., 78
 Song, C.X., 394
 Song, E.-C., 185, 191, 465, 474
 Song, E.J., 440
 Song, J., 80
 Song, S., 173, 299, 311, 312, 314
 Song, X.Y., 185, 186, 194, 442, 558
 Song, Y.J., 6
 Song, Z., 322, 331
 Songur, A., 156, 157
 Sonmeze, A., 219
 Sontag, K.H., 524, 527, 529
 Sopa, C., 524, 525, 527, 529
 Sopko, J., 585
 Sorensen, H.R., 23
 Sorensen, H.T., 11, 53, 82, 608
 Sorensen, K., 52, 53, 602, 603
 Sorensen, P.H., 442
 Sorensen, P.M., 23
 Sorensson, P., 81
 Soriano, F.X., 343, 354, 413
 Sorimachi, T., 348
 Soubrier, F., 192
 Soucy, J.P., 583
 Souil, E., 463, 467–469
 Souktani, R., 73
 Soukup, V.M., 280
 Souter, M., 296
 Southard, J.H., 41
 Soutto, M., 186, 201, 474, 475
 Souza Pinto, N.C., 441
 Sowter, H.M., 192
 Spandou, E., 509, 510
 Spatz, M., 9, 184, 187, 500
 Speckmann, E.J., 341
 Spector, A.A., 140
 Spector, M.D., 274

- Spees, J.L., 11
 Spelle, L., 296
 Spencer, D.D., 488
 Spencer, E.M., 534
 Spera, P.A., 4, 8, 165, 231, 234, 274, 349
 Sperk, G., 530
 Sperling, O., 348, 436
 Spicer, Z., 193
 Spiegelman, B.M., 439, 443
 Spirer, Z., 141, 144
 Sportouch, C., 63, 79, 80, 608
 Sprague, S., 106, 110
 Spranger, M., 130
 Springett, R.J., 438
 Spyrou, G., 184, 185, 194
 Srinivasula, S.M., 367
 Sriram, S., 186, 201, 474, 475
 Srisuma, S., 443
 Srivastava, S., 299
 St Pierre, J., 395, 439
 Staab, P.K., 297
 Staat, P., 52, 53, 63, 79, 80, 318, 608
 Stacpoole, P.W., 370
 Stafstrom, C.E., 530
 Stagliano, N.E., 234, 260, 278
 Stahel, P.F., 510, 511
 Stahl, Z., 142
 Staikopoulos, V., 442
 Stamatovic, S.M., 313, 458–461
 Stamova, B., 375
 St-Andre, E., 142
 Stanimirovic, D., 463, 468
 Stanley, A.W., 55, 72, 584
 Stanton, P.K., 184, 187, 188
 Stapels, M., 189, 343, 381, 530, 535
 Staudt, M., 457
 Stecyk, J.A., 29
 Steeds, R.P., 78, 604, 608
 Steenbergen, C., 56, 60–62, 392, 429
 Steffens, D.C., 606
 Stehlik, C., 438
 Stein, A.B., 63
 Stein, M., 301
 Steinberg, G.K., 11, 41, 293, 311, 318–321,
 325, 327, 328, 330, 331, 375, 531,
 563
 Steinbusch, H., 463, 471
 Steiner, A.A., 46
 Steiner, T., 118
 Stella, A.M.G., 443
 Stella, N., 504
 Stelmasiak, Z., 523
 Stengel, P., 440
 Stenslokken, K.O., 29, 30
 Stenzel-Poore, M.P., 5, 10, 41, 189, 202, 259,
 260, 274, 300, 313, 343, 348, 364,
 366–368, 370–377, 407, 463, 467,
 474, 506, 527, 532–534, 568
 Stephan, K., 601, 602
 Stephanou, A., 57
 Stephen, T., 296
 Stephenson, D.T., 436
 Stephenson, F.A., 340
 Sterling, D.L., 584
 Stern, D.M., 273
 Stern, M.D., 506, 507, 509, 510
 Sternau, R., 124
 Stetler, R.A., 114, 117, 123, 216, 367, 398,
 399, 436
 Stevens, C.F., 27
 Stevens, L., 144, 148
 Stevens, S.L., 5, 10, 41, 189, 202, 300, 313,
 343, 364, 366–368, 370–377, 407,
 467, 506, 532–534, 568
 Stevenson, L.A., 500, 501
 Stewart, J.P., 534
 Stiefel, M., 219, 510
 Stier, G., 487, 489
 Stimmelmayer, R., 38, 40
 Stockman, B.A., 175
 Stoffel, W., 430
 Stokes, C., 142
 Stokoe, J., 70
 Stolze, I., 440
 Stone, J., 4
 Stone, T.W., 494
 Storck, T., 430
 Storey, K.B., 26, 249
 Storlien, L.H., 141
 Storm-Mathisen, J., 25
 Storts, R.W., 340
 Stowe, A.M., 5, 44, 184–186, 188, 194,
 196, 198, 202, 203, 293, 459,
 463, 467, 468
 Stowe, D.F., 60, 61
 Stowell, C., 189, 343, 381, 530, 535
 Stoykow, C., 542
 St-Pierre, J., 443
 Strackx, E., 463, 471
 Stranahan, A.M., 113
 Strasser, A., 403, 531
 Strasser, R.H., 71
 Straughan, J.L., 220
 Straumann, U., 218
 Strbian, D., 234, 278
 Streit, W.J., 9
 Striggow, F., 214, 273
 Stribos, P.J., 157

Strijdom, J.G., 57
 Strniskova, M., 438
 Strobel, G., 220
 Stroeve, S.A., 184, 185, 194, 195
 Strohm, C., 56, 57, 438
 Strong, A.J., 24, 280
 Strong, R., 279, 299, 439
 Studdert, D.M., 485
 Studer, F.E., 11
 Stummer, W., 106
 Stumpner, J., 438, 561
 Su, K.P., 142
 Su, X.W., 250, 392, 399
 Su, Z., 382
 Suehiro, E., 118, 119
 Suehiro, S., 433
 Sufianova, G.Z., 348
 Suga, K., 431, 435
 Sugawara, T., 8, 248, 294, 328, 416
 Sugden, P.H., 57
 Sugimoto, C., 327, 328
 Sugino, T., 245
 Sugioka, K., 144
 Sugiura, T., 501
 Sugiura, Y., 459, 465, 467, 468, 473
 Sugiyama, H., 370
 Sugiyama, K., 232, 237
 Suh, K., 192
 Sui, J., 175
 Sukagawa, A., 501
 Sukoff, M.H., 581
 Sulejczak, D., 488
 Sulliman, H.B., 172, 173, 185, 193, 195, 439
 Sullivan, P.G., 393
 Sun, G., 299, 319, 331, 439
 Sun, G.H., 531
 Sun, G.J., 595
 Sun, H.Y., 300, 326
 Sun, J.L., 6, 184, 185, 195, 199
 Sun, L., 604, 609
 Sun, N., 504, 595
 Sun, W., 184, 195
 Sun, X., 120, 491
 Sun, X.C., 245, 399, 466, 474
 Sun, Y.Z., 594
 Sunami, K., 581
 Sundaram, M., 353
 Sundstrom, L.E., 524, 530
 Sung, J.H., 331
 Sunol, C., 595
 Surh, Y.J., 443, 603
 Sutherland, B.A., 282
 Sutherland, G., 118
 Sutton, E.T., 391

Sutton, R., 430
 Suzuki, H., 294, 300
 Suzuki, K., 8
 Suzuki, M., 62, 214
 Suzuki, R., 64
 Suzuki, S., 273
 Suzumura, A., 9
 Svaren, J., 373
 Swafford, A., 584
 Swain, J.L., 5, 51
 Swain, R.A., 110
 Swan, J.H., 340
 Swanson, R.A., 4, 248, 531
 Swoap, S.J., 46
 Swyer, P.R., 143
 Symon, L., 24
 Symon, N., 24
 Szabo, C., 46, 47
 Szabo, I., 433
 Szabo, K., 319
 Szalay, M.S., 505
 Szantho, G., 53, 602
 Szatkowski, M., 453
 Szekely, L., 53, 602
 Szelid, Z., 53, 602
 Szerdahelyi, P., 61
 Szweda, L.I., 437

T

Tada, M., 53, 64
 Tagaya, M., 6, 138, 236, 553, 568, 579
 Tahti, H., 45
 Tai, K.K., 391
 Taie, S., 184, 185, 188, 191, 197
 Takabatake, Y., 603, 607
 Takada, Y., 601
 Takagi, H., 370
 Takagi, K., 124
 Takahama, H., 60, 75
 Takahashi, A., 280, 464
 Takahashi, M., 457
 Takahashi, R., 192
 Takahashi, T., 319, 328, 330, 331
 Takamatsu, S., 184, 185, 194
 Takano, H., 63
 Takano, K., 234
 Takano, T., 184, 187, 195, 466, 472
 Takaoka, A., 68
 Takaoka, S., 167
 Takasawa, K., 351
 Takashima, S., 60, 75
 Takata, K., 42, 167
 Takayanagi, K., 603, 607

- Takeda, K., 461, 471
 Takeda, M., 544
 Takeda, T., 436
 Takeda, Y., 42, 279–281, 581
 Takeishi, Y., 56, 57
 Takemura, S., 433
 Takeo, S., 58
 Takeuchi, O., 63
 Takeuchi, Y., 187, 462, 468, 469
 Taki, W., 524–529, 531, 532
 Talaei, F., 38
 Talalay, P., 443
 Talantova, M.V., 544
 Talmor, D., 57
 Tamagawa, M., 62
 Tamaki, N., 262
 Tamargo, R.J., 458
 Tamatani, M., 399
 Tamura, A., 118, 228, 229, 270, 272, 273, 342
 Tamura, T., 494
 Tamura, Y., 46
 Tan, H.M., 159
 Tan, W., 63
 Tan, Y.H., 368
 Tanabe, J., 270–272, 275
 Tanahashi, N., 437
 Tanaka, A., 310, 396
 Tanaka, H., 346, 356
 Tanaka, K., 280, 340, 388, 431, 435, 437, 493,
 525–529, 531
 Tanaka, M., 61
 Tanaka, S., 433
 Tandon, P., 530
 Tang, B.L., 368
 Tang, J., 279, 298, 301, 487–491, 541
 Tang, R., 272
 Tang, T.Y., 77, 562, 573, 604, 608
 Tang, X.L., 57, 63
 Tang, X.N., 118, 409
 Tang, X.Q., 436
 Tang, Y., 8, 184, 185, 189, 191, 198, 199, 260,
 264, 302, 366, 369–374, 407
 Tang, Z.L., 68–70
 Taniguchi, N., 8
 Tanno, M., 436
 Tanonaka, K., 58
 Tantishaiyakul, V., 438
 Tao, H., 174
 Tao, J., 53, 71
 Tao, L., 46, 601
 Tao, T., 487, 490
 Tapuria, N., 293
 Tarabin, V., 273
 Tariosse, L., 58
 Tariq, A., 301
 Tarkka, M.R., 577
 Tasaki, K., 3, 9, 118, 367, 466, 474, 527
 Tasca, C.I., 494, 527
 Taskapilioglu, O., 322
 Tatarkova, Z., 405
 Tatlisumak, T., 234, 278, 553
 Tatsumi, T., 58
 Tattersall, G.J., 46
 Taudorf, S., 187, 202
 Tauskela, J.S., 134, 137, 138, 154, 342, 347,
 348, 351
 Tavakoli, S., 68, 69, 71
 Tavernier, B., 171, 322, 331
 Tay, A.S., 175
 Taylor, C.J., 296
 Taylor, C.P., 431
 Taylor, C.T., 443
 Taylor, T.M., 184
 Teasdale, G.M., 228, 270, 273
 Tecce, M.F., 437
 Tee, L.Y., 44
 Tejada-Berges, T., 9
 Tekin, D., 505
 Ten Broecke, P.W., 175
 Teoh, R., 368
 Tepikin, A.V., 430
 Terasaki, Y., 413
 Terent, A., 373
 Terkelsen, C.J., 11, 53, 82, 608
 Ternon, B., 465, 472
 Terzic, A., 6, 60, 61, 435
 Tetievsky, A., 506
 Tetzlaff, W., 512
 Thakor, N.V., 184–186, 195, 199
 Thal, S.C., 229
 Thal, S.E., 229
 Thambo, J.B., 58
 Thamocharan, S., 370
 Thangnipon, W., 494
 Thau Zuchman, O., 370
 Thayer, S.A., 352, 503
 Thelen, M., 353
 Themner, K., 431
 Theus, M.H., 185, 191, 196, 198
 Thibault, H., 63, 79, 80, 608
 Thielmann, M., 78, 604
 Thiernemann, C., 3
 Thiersch, M., 191, 192
 Thimmulappa, R.K., 443
 Thivierge, J.P., 342, 347, 351
 Thivolet-Bejui, F., 64
 T'Hoën, P.A., 382
 Thom, L.H., 299

- Thom, S.R., 296, 299, 581
 Thomas, C.G., 340, 343, 493
 Thomas, H., 57
 Thomas, L., 4
 Thompson, C.B., 433, 443
 Thompson, J.L., 529
 Thompson, J.W., 27, 28
 Thompson, R.C., 9
 Thompson, R.E., 580
 Thompson, S.J., 342, 348–350, 352–354, 404
 Thorne, C., 430
 Thornhill, J., 118, 124
 Thornton, J., 55, 72
 Thornton, J.D., 584
 Thuesen, L., 11, 53, 82, 608
 Thuillez, C., 468, 470
 Thygesen, H.H., 382
 Tian, H., 310
 Tian, X., 441
 Tian, Y., 375
 Tikkanen, I., 441
 Timmler, M., 348
 Timofeev, I., 511
 Timsit, S., 369
 Tinel, N., 546
 Tirosh, A., 57
 Tirrell, D.A., 535
 Tischer-Zeitz, T., 438, 561
 Titova, E., 166, 173, 295, 301, 487, 489, 491
 Tixier, E., 184, 199, 203, 323
 Tjulkova, E.I., 184, 185, 187, 194–196
 Tjwa, M., 190, 194
 Tobar, E.T., 5, 41, 189, 274, 364, 366, 370–372, 532
 Tocco, G., 523
 Todd, M.M., 271, 493
 Todgham, A.E., 506
 Toescu, E.C., 167
 Toien, O., 37, 38, 44–46
 Toime, L.J., 439
 Toka, O., 439
 Tokuda, M., 346
 Tolon, R.M., 504
 Tolunay, S., 322
 Toma, O., 172
 Tomai, F., 5
 Tomasevic, G., 248, 431
 Tomida, S., 244, 558
 Tomino, T., 280
 Tomita, S., 184, 185, 188, 191, 197
 Tomkowicz, B.E., 458
 Tomoike, H., 60, 75
 Tomonaga, M., 144, 310
 Tompkins, A.J., 437, 439
 Tomsick, T., 313
 Tong, H., 56, 390
 Tong, L., 167, 169
 Tong, S., 184–186, 195, 199
 Tong, W., 173, 382, 487, 488, 490, 491, 495
 Toombs, C.F., 47
 Topol, E.J., 76
 Tornvall, P., 81
 Toronen, P., 530
 Torraco, A., 436
 Torrealba, J.R., 41
 Torres, A., 184, 187, 195, 466, 472
 Torres-Mendoza, B.M., 441
 Torrey, D.J., 353, 531
 Tortella, F.C., 353
 Tosaki, A., 61
 Toutain, J., 184, 199, 203, 323
 Touzani, O., 199
 Touze, E., 558
 Tovar, K.R., 340, 344
 Towfighi, J., 184, 195, 264, 527
 Townend, J.N., 78, 604, 608
 Townsend, P., 78, 604, 608
 Toyoda, T., 10
 Trachootham, D., 193
 Trani, D., 76
 Trapp, S., 171, 172, 493
 Trautner, S., 11, 53, 82, 608
 Traverse, J.H., 81, 318
 Traynelis, S.F., 220
 Traystman, R.J., 168, 229, 231, 235, 275, 431, 461, 470
 Treggiari, M.M., 296
 Treiman, M., 80, 318
 Treinin, M., 506, 509
 Trembovier, V., 235, 500, 503, 504, 508–512
 Trendelenburg, G., 184, 261, 472
 Triche, T.J., 442
 Tritto, I., 61
 Trocciola, S., 574, 603, 605, 607
 Trouillas, P., 582
 Troy, C.M., 192
 Truettner, J., 247
 Truong, D.D., 391
 Trush, M.A., 441
 Tsai, B.M., 557
 Tsai, C.Y., 594
 Tsai, H.D., 439
 Tsai, M.-H., 185, 201
 Tsai, Y.S., 439
 Tsang, A., 56, 73, 74, 441
 Tsang, V., 11

- Tsarouchas, K., 53, 82, 608
 Tschimmel, K., 367
 Tseng, C.-Y., 185, 201
 Tseng, M.T., 5, 19, 184, 194
 Tsenter, J., 340, 344, 507–510
 Tsien, J.Z., 439
 Tsolaki, M., 184–186, 194
 Tsou, M.T., 593, 594
 Tsuchida, A., 55
 Tsuchiya, A., 10
 Tsuchiya, D., 531
 Tsuchiya, T., 272
 Tsujimoto, Y., 63, 75, 431
 Tsujita, T., 443
 Tsujita, Y., 229
 Tsukamoto, O., 60, 75
 Tsung, A., 303
 Tsunoda, H., 300
 Tsuruta, R., 303
 Tsutsumi, Y.M., 76
 Tsuzuki, N., 299, 491
 Tu, H.-C., 185, 201
 Tu, Y.F., 458, 462, 472
 Tuffy, L.P., 531
 Tugoi, I.A., 184, 185
 Tulkova, E., 184, 185, 187, 193
 Tuma, R.F., 504
 Tuominen, H., 11
 Tupper, K.Y., 542, 546
 Turcato, S., 556
 Turecki, G., 142
 Turetsky, D.M., 347, 349, 351
 Tureyen, K., 373
 Turnbull, L., 556
 Turner, A.J., 184, 185, 200
 Turner, M.S., 53, 602
 Turner, R., 375
 Turovskaya, M.V., 193
 Turovsky, E.A., 193
 Turturici, G., 398
 Tuszyński, M.H., 512
 Tuttolomondo, A., 222
 Twig, G., 396
 Tyagi, A.K., 605
 Tymianski, M., 340, 343, 349,
 351, 354
 Tytell, M., 4
 Tyul'kova, E.I., 184, 185, 192, 193
 Tzeng, Y.W., 190, 201
- U**
- Uauy, R., 140
 Ubl, J.J., 215
 Ubogu, E.E., 458
 Uchida, K., 512
 Udo, H., 370
 Ueda, H., 6, 236, 579
 Ueda, T., 24
 Uehara, N., 232, 237
 Ueki, M., 184, 185, 188, 191, 197
 Ueng, S.W., 584
 Ugawa, Y., 459, 465, 467, 468, 473
 Ukai, R., 10
 Uldry, M., 439
 Ulevitch, R.J., 56
 Ullmann, C., 438
 Ultsch, G.R., 25
 Ulus, I.H., 141
 Um, H.C., 443
 Umemura, K., 174
 Umezawa, K., 214
 Umschwief, G., 508, 510, 511
 Unal, S., 561
 Undar, A., 250
 Ungerleider, R.M., 367
 Ungvari, Z., 47
 Upadhyaya, S.C., 353
 Upadhyay, U.M., 458
 Urban, P., 399
 Urenjak, J., 25
 Ursell, P.C., 431
 Usansky, H., 47
 Ushio, Y., 187, 230, 273, 462, 468, 469
 Uske, A., 294
 Usov, L.A., 348
 Ustun, M.E., 296
 Uto, A., 434
- V**
- Vaage, J., 29, 558
 Vabulas, R.M., 4, 353
 Vadigepalli, R., 377
 Vahtola, E., 441
 Vaidya, A., 441
 Vajkoczy, P., 197, 295, 470
 Valdés, I., 38, 124
 Valencia, I., 184, 185
 Valentim, L.M., 367, 399
 Valk, T., 270
 Vallance, P., 603
 Vallet, B., 171, 322, 331
 Vallyathan, V., 438
 Valsecchi, V., 186, 191, 192
 Valter, K., 4
 Van Arsdell, G.S., 77, 78, 604
 van Bel, F., 198, 436

- van Beusekom, H.M., 605
 van Buiten, A., 38
 Van Cleemput, J., 524, 525, 530
 van Dam, A., 38
 van Delft, S., 215
 van den Doel, M.A., 65, 68, 69
 Van den Hove, D., 463, 471
 Van den Thillart, G., 29
 van der Graaf, Y., 295
 van der Jagt, M., 294
 van der Kooij, M.A., 198
 van der Meide, P.H., 368
 van der Stelt, M., 501
 van der Veer, E., 441
 van der Weerd, L., 367
 van der Worp, B.H., 134, 136
 van Dijk, E.J., 294
 Van Eyk, J.E., 62, 435
 Van Geyte, K., 190, 194
 van Gijn, J., 297
 van Haaften, G.W., 501
 Van Hecke, P., 190, 194
 van Heijningen, C.L., 68–70
 van Hinsbergh, V.W., 215
 Van Houten, B., 436
 van Melle, G., 6, 531
 Van Meter, K., 297
 Van Meter, M., 441
 van Nieuw Amerongen, G.P., 215
 Van Noten, P., 190, 194
 van Ommen G.J., 382
 van Rensburg, S.J., 142
 van Rooyen, J., 606
 van Soest, S., 541, 543
 Van Veldhoven, P., 190, 194
 Van Waversveld, J., 29
 Van Winkle, D.M., 55, 72
 Van Wylen, D.G., 8
 Vanden Hoek, T., 61, 390
 Vanden Hoek, T.L., 61, 63, 430
 VandenBerg, P.M., 113
 Vandendriessche, T., 190, 194
 Vander Heide, R.S., 60
 Vander Heiden, M.G., 433
 Vandresen-Filho, S., 527
 Vangeison, G., 265, 472, 473
 Vanicky, I., 327
 Vankar, G.K., 142
 Vannucci, R.C., 184, 195, 264, 265, 527
 Vannucci, S.J., 184, 195, 264, 265, 459, 460,
 462, 469–471
 Vara, J.A.F., 328
 Varadarajan, R., 443
 Varon, S., 512
 Vartanian, K.B., 189, 202, 366, 368,
 374–377
 Varty, K., 604
 Vasquez, J.A., 6
 Vass, K., 558
 Vataeva, L., 184, 185
 Vatansever, E., 184, 185, 194
 Vaux, E.C., 440
 Vavetsi, S., 53, 82, 608
 Vavrek, R., 512
 Vaynman, S., 113
 Vazquez Valls, E., 441
 Veh, R.W., 273
 Vejlstrup, N., 80, 318
 Velasco, G., 503
 Velazquez, O.C., 299
 Veldhuis, W.B., 368, 501
 Veldink, G.A., 501
 Vellimana, A.K., 188, 201, 292, 293, 297, 300,
 463, 468, 469, 471, 572
 Velly, L.J., 170, 171, 251
 Vemuganti, R., 185, 189, 231, 234, 299,
 364–366, 368, 370, 371, 373, 380,
 414, 438, 458, 460, 461, 467
 Vendite, D., 523, 524, 527
 Venkatachalam, M.A., 439
 Ventureyra, E.C., 349
 Venugopal, V., 52, 77, 78, 571, 604, 608
 Verdouw, P.D., 65, 68, 69
 Vergnes, M., 525, 530
 Verkhatsky, A., 167
 Vermeer, M.A., 215
 Vernhet, H., 608
 Vertesaljai, M., 53, 602
 Veselis, R.A., 166
 Vessey, D.A., 74
 Vester, J.W., 25
 Vexler, Z.S., 112, 367
 Vezzani, A., 530
 Viader, F., 581
 Vichare, S., 52, 77, 78, 604, 608
 Victorov, I.V., 184, 185, 191, 198, 201, 219,
 220, 273
 Videen, T.O., 310
 Vidyadaran, S., 531
 Viera, D., 137
 Vigh, S., 272
 Vigilanza, P., 441
 Vilarim, M.M., 142
 Villa, P., 219
 Villamor, E., 463, 471
 Villarroja, F., 439
 Villringer, A., 6, 319
 Vinit, S., 185, 201

- Vinten-Johansen, J., 52, 53, 70–75, 79, 80, 317, 326
 Violante, A., 61
 Viquez, N.M., 352
 Vivancos, J., 466, 473, 500
 Viviani, B., 219
 Vivien, D., 184, 185, 191, 197–199, 202, 510
 Vlasov, T.D., 463, 468, 472
 Vles, J.S., 463, 471
 Vogel, J., 273
 Vogel, M., 52, 603
 Vogt, P.K., 190
 Volk, H-D., 273
 Vollrath, B., 301
 Volpe, J.J., 459, 474, 475
 von Arnim, C.A., 348
 von Bruehl, M., 438
 von der Ohe, C.G., 352
 von Engelhardt, J., 343
 von Kummer, R., 136
 Voorhees, J.R., 488
 Vorhees, C., 263
 Vorhees, C.V., 171, 172
 Vos, I.M., 368
 Vos, I.M.P., 368
 Voskuyl, R.A., 148
 Vosler, P., 367
 Vossen, R.H., 382
 Vreugdenhil, E., 382
 Vreugdenhil, M., 148
- W**
 Waataja, J.J., 352, 503
 Wachter, U., 280
 Wacker, B.K., 184, 185, 188, 192, 198, 458, 463, 468, 470
 Wada, K., 244, 299, 491, 584
 Wada, T., 262
 Wada, Y., 184, 185, 194
 Waddell, T.K., 461, 467
 Waeber, C., 11, 273
 Waghray, A., 401
 Wagner, K.R., 310
 Wagner, R., 78, 604
 Waguri, S., 401
 Wahli, W., 438
 Wakeno, M., 60, 75
 Wakita, H., 45
 Waldow, T., 245
 Waldron, R.T., 435
 Walid, S.M., 296
 Walker, D.M., 243
 Walker, J.M., 53, 54, 64, 82, 243
 Walker, M.C., 52, 83, 534
 Walker, W., 302
 Walkinshaw, G., 52, 83
 Wallace, M.C., 175
 Walsh, R.A., 56, 57
 Walsh, S.R., 77, 562, 573, 604, 608
 Walski, M., 488
 Waltenberger, J., 8, 184, 187, 199, 200
 Walter, C., 543
 Walter, P., 194, 397
 Walton, B., 603
 Waltz, A., 24
 Wan, R., 443
 Wan Sommeren, E., 175
 Wan, Y., 184, 185, 202
 Wang, B.G., 174, 294, 299, 322, 331
 Wang, C.-H., 57, 167, 168, 170, 172, 184, 185, 187, 193, 194, 201, 274
 Wang, C.Z., 62
 Wang, D., 328
 Wang, E.Z., 171, 294, 373
 Wang, F.-Z., 120, 184, 186, 194, 195, 466, 473, 474, 595
 Wang, G., 120, 187, 201
 Wang, G.W., 56
 Wang, G.Y., 556
 Wang, H., 120, 171, 215, 297, 409, 442, 460, 464, 466, 468, 474, 592, 593, 595, 601
 Wang, H.N., 173
 Wang, H.Q., 271
 Wang, H.S., 80
 Wang, J., 170, 171, 311
 Wang, J.-A., 184
 Wang, J.K., 326
 Wang, J.M., 459
 Wang, J.Q., 319
 Wang, J.Y., 245, 322, 325, 464, 470
 Wang, J.Z., 367
 Wang, K., 558
 Wang, L., 6, 60, 62, 168, 174, 176, 188, 190, 280, 438, 441, 512, 593
 Wang, L.-Y., 192, 232, 237
 Wang, L.F., 80, 81
 Wang, M., 464, 467, 557
 Wang, M.M., 294, 296, 314, 315
 Wang, M.Q., 294
 Wang, N.P., 53, 71–75, 79, 171, 317, 322, 326, 331, 373, 544
 Wang, P.Y., 55, 310
 Wang, Q., 9, 167, 168, 171, 173, 185, 188, 409, 437, 459, 461, 462, 464, 467–469, 492, 493, 591–596
 Wang, R., 166, 168, 169, 174
 Wang, R.M., 342, 401
 Wang, R.Y., 106

- Wang, S.T., 62, 64, 170, 232, 237, 294, 367, 394, 435
 Wang, T., 56, 57, 80, 184
 Wang, W., 81, 441, 531, 586
 Wang, X., 4, 8, 9, 109, 111, 154, 156, 165, 190, 195, 231, 234, 274, 278, 349, 392, 410, 438, 441, 568, 570, 571, 586
 Wang, X-J., 270, 272
 Wang, X.M., 154, 156
 Wang, Y., 53, 56, 57, 63, 71, 118, 167, 169, 171, 366, 368–370, 372, 373, 595, 596
 Wang, Y.H., 596
 Wang, Y.L., 81, 318
 Wang, Y.M., 595
 Wang, Y.P., 259
 Wang, Z.P., 159, 170, 299
 Wang N-P, 73
 Wapinski, I., 507, 510
 Wapinski, I., 506
 Ward, H.B., 605
 Ward, M.A., 7, 345, 351
 Ward, M.W., 434–435
 Ward, N., 192
 Ward, P., 172, 411, 493, 557
 Warden, C.H., 439
 Warltier, D.C., 493
 Warnecke, C., 192
 Warner, D.S., 172, 173, 271, 279, 493
 Warnock, G., 544
 Warren, D.E., 28
 Wartenberg, K.E., 219, 222, 296
 Warzecha, Z., 313
 Waschke, K.F., 167, 169, 170, 280, 298, 492, 493
 Wasiewski, W.W., 591
 Wasley, L.C., 435
 Wassmann, H., 492
 Wasterlain, C.G., 522
 Watabe, A.M., 344
 Watanabe, K., 605
 Watanabe, M., 56, 344, 391
 Watanabe, T., 63, 75
 Watchel, M., 273
 Waterman, P., 137
 Watkins, S.C., 8, 369, 530–532
 Watson, A.J., 430
 Watson, B.D., 270, 273, 280
 Watson, M., 280
 Waypa, G.B., 430
 Webb, C.L., 9
 Weber, E., 271, 345
 Weber, J.R., 367
 Weber, M.L., 431
 Weber, N.C., 172, 604
 Weber, R., 604
 Wegener, S., 6, 559–561
 Wei, C., 441
 Wei, D., 293, 325
 Wei, E.Q., 184, 185, 197, 199, 461, 467, 470
 Wei, G.Y., 271, 510
 Wei, H., 400
 Wei, I.H., 185, 201
 Wei, J., 184, 280, 443
 Wei, L., 184, 185, 191, 196, 198, 271, 459
 Wei, M., 53, 71, 568, 570, 571
 Weichselbaum, R., 367
 Weih, M.K., 6, 138, 184, 259, 559, 560
 Weihrauch, D., 388, 493
 Weimar, C., 219, 222
 Weinberg, J.M., 439
 Weinbrenner, C., 57, 71
 Weinstein, P.R., 8, 112, 227, 271, 279, 299, 531
 Weintraub, N.L., 53, 71
 Weis, J., 47
 Weiss, H.R., 118, 169, 221, 277, 459, 461, 469, 470
 Weissenborn, K., 219, 222
 Weisser, J.D., 392
 Weissmann, G., 4
 Welch, J.L., 582–584
 Welch, K.M., 4, 124, 443
 Welch, K.M.A., 272
 Welch, W.J., 4
 Weller, M., 8, 184, 187, 199, 200
 Wells, D.J., 531
 Wells, K.E., 531
 Welsh, F.A., 8, 232, 235, 276, 277
 Welsh-Bohmer, K.A., 606
 Wen, C.-Y., 185, 201
 Wen, R., 543, 545
 Wendel-Vos, G.C., 105
 Weng, Z., 367
 Wenger, R.H., 190, 218
 Wenzel, A., 185, 191, 201
 Wernecke, K.D., 6
 Werner, C.G., 345, 347
 West, C., 5, 19, 184, 194
 West, D., 76
 West, G.A., 274
 West, I.C., 62, 64, 74, 436, 437
 Westberg, J.A., 188, 198, 201
 Westbrook, G.L., 24, 340, 343, 344
 Westerkamp, M., 47
 Westermann, B., 438
 Westphal, B., 582, 587
 Wettstein, G., 402
 Whalen, R.E., 580
 Wheeler, T.G., 143
 White, C.W., 9, 401

- White, D.E., 544
 White, D.M., 114, 118, 119
 White, J.O., 435
 White, J.R., 192
 White, P.A., 52, 53, 602, 603
 White, R.F., 4, 5, 8, 9, 118, 165, 231, 234, 270, 274, 278, 349, 368
 Whitlock, N.A., 186, 191, 200, 545
 Whitman, G.J., 60, 61
 Whittaker, P., 11, 52, 65, 313, 602
 Whittingham, T.S., 21, 24
 Wiart, M., 438
 Wick, A., 8, 184, 187, 199, 200
 Wick, W., 8, 184, 187, 199, 200
 Widenmaier, S.B., 544
 Widmann, C., 8, 56, 117, 138, 141, 143, 148–150, 154, 155, 348, 409, 410, 525, 529, 530
 Wiegand, F., 184
 Wieloch, T., 229, 247, 342, 367, 431
 Wieronska, J.M., 184, 185
 Wiesener, M.S., 192, 440
 Wieser, W., 29
 Wiggert, B., 545
 Wightman, K.A., 340
 Wijeyekoon, B., 190, 194
 Wikinski, R.L., 75
 Wilainam, P., 11
 Wilkins, H.M., 159
 Willam, C., 190, 194
 Willecke, K., 184, 187, 195, 466, 472
 Willette, R.N., 9, 271
 Williams, A.J., 353
 Williams, B.T., 601
 Williams, D.L., 367, 458, 459, 462, 467, 468
 Williams, M.T., 296
 Williams, R., 603
 Williams, V., 351
 Williams-Karnesky, R.L., 274, 348, 374
 Williamson, E.K., 433
 Williamson, J.R., 373, 429
 Williamson, J.W., 111
 Wilmshurst, P., 581
 Wilson, A.L., 43
 Wilson, M.A., 459, 460, 462, 469–471
 Wilson, P.V., 175
 Wilz, A., 11
 Wimpee, H., 62
 Windheim, M., 353
 Winfree, C.J., 273
 Winkler, J., 469
 Winston, S.M., 237
 Winter, B., 273
 Winters, C.A., 434
 Wintner, E.A., 47
 Wise, D.R., 194
 Wise, G., 347
 Wisniewski, S.R., 142
 Wittert, G.A., 442
 Woitzik, J., 197, 470
 Wojcik, C., 353
 Wojner, A.W., 323
 Wolf, T., 273
 Wolfe, C.L., 431
 Wolfrum, S., 70, 71
 Wolke, L., 65, 68
 Won, J.S., 373
 Wong, G.K., 571, 572, 574
 Wong, P.T., 175
 Wong, R., 572
 Wong, T.M., 435
 Wong, T.P., 343, 344
 Wong, W.J., 190, 192, 194
 Wong-Riley, M.T., 395
 Wood, A., 137
 Wood, I.C., 534
 Wood, P.L., 343
 Woods, I., 531
 Woodward, C.L., 3
 Woolsey, T.A., 459
 Wootton, L.L., 405
 Wotzlaw, C., 440
 Wrang, M.L., 346, 351
 Wright, D.C., 439
 Wright, E., 9
 Wright, M.J., 56, 57
 Wright, T.M., 442, 443
 Wroblewski, J.T., 24
 Wu, A., 522
 Wu, B., 173
 Wu, C.-L., 263, 264, 462, 467–469
 Wu, C.W., 584
 Wu, G., 436
 Wu, H., 415, 416
 Wu, J.S., 217, 220, 296, 312, 314, 439
 Wu, K.K., 439
 Wu, L.-Y., 184, 186, 195
 Wu, M., 167, 169, 298, 493
 Wu, M.S., 441
 Wu, M.T., 594
 Wu, P.H., 439
 Wu, R.T., 190, 201, 328
 Wu, S.C., 293, 298, 299
 Wu, W., 184, 185, 195, 199
 Wu, W.J., 63
 Wu, W.K., 159
 Wu, X.M., 412, 459, 465, 487, 490
 Wu, Y., 402

- Wu, Z., 441
 Wu, Z.H., 436
 Wu, Z.K., 570
 Wurtman, R.J., 141
 Wyatt, A.W., 63
 Wykoff, C.C., 440
 Wyllie-Rosett, J., 457
 Wyllie, D.J., 354
 Wynn, S., 531
- X**
- Xaus, C., 443
 Xi, G.M., 173, 214–220, 234, 271, 294, 296,
 299, 309–315, 459, 463, 467, 468
 Xi, L., 72, 505
 Xia, P., 171, 373
 Xia, Q., 322, 325, 435, 464, 470
 Xia, X.Y., 399, 459, 462, 467, 468
 Xia, Y., 173, 174, 184, 186, 193, 200, 201
 Xia, Y.X., 459, 462, 467, 468
 Xia, Y.Z., 173, 297
 Xia, Z., 81, 245, 351, 594
 Xian, X.H., 399, 466, 474
 Xiang, B., 274
 Xiang, J., 216, 217, 294, 296, 299, 312, 314, 315
 Xiao, J., 441
 Xiao, L., 70, 186, 198
 Xiao, Z.S., 70
 Xie, J., 185, 186, 193, 391, 392
 Xie, Z., 400
 Xin, L., 368
 Xin, P., 53, 71
 Xing, B., 319, 322, 332, 601
 Xiong, J., 167
 Xiong, L.Z., 166–169, 172–174, 184, 186, 298,
 299, 459, 461, 467, 468, 491–493,
 584–586, 591–596, 604, 609
 Xiong, Y., 187, 190
 Xiong, Z.G., 5, 41, 189, 231, 235, 295, 313,
 319, 322, 325–327, 330, 340, 343,
 349, 351, 354, 364, 366, 370–372,
 381, 530–532, 535, 568
 Xiu, J.X., 56
 Xu, B., 528
 Xu, D., 328
 Xu, E., 184, 195
 Xu, F., 166
 Xu, G.P., 245, 297
 Xu, H., 121, 123, 189, 192, 302, 375
 Xu, J.J., 4, 173, 221
 Xu, K., 442
 Xu, L., 73, 80, 403
 Xu, M., 63
 Xu, N., 174, 491, 584, 593
 Xu, Q., 184–188, 195, 436, 466, 472
 Xu, R., 487, 490
 Xu, W.G., 62, 173, 392, 435
 Xu, X., 169, 172, 297
 Xu, X.-J., 185, 186, 197, 199
 Xu, X.M., 4, 221
 Xu, Y., 439
 Xu, Z.C., 184
 Xuan, J., 441
 Xuan, W., 406
 Xuan, Y.T., 57
 Xue, D., 270
 Xue, F., 80
 Xue, J.-H., 270
 Xue, J.J., 8
 Xue, X.Y., 303
 Xue, Y.X., 458–461, 468
 Xue-Ying, S., 487, 490
- Y**
- Yabe, T., 68
 Yabuuchi, Y., 59
 Yagi, T., 601
 Yakes, F.M., 436
 Yakovlev, A.G., 510
 Yakubchik, Y., 349
 Yam, D., 141, 148
 Yamada, J., 319
 Yamada, K., 117
 Yamagata, H., 63, 75
 Yamaguchi, F., 346
 Yamaguchi, H., 603, 607
 Yamaguchi, K., 346
 Yamaguchi, M., 299, 300, 487, 489
 Yamaguchi, O., 63, 75
 Yamaguchi-Okada, M., 299
 Yamahara, Y., 58
 Yamakura, T., 195
 Yamamoto, A., 531, 532
 Yamamoto, M., 443
 Yamamoto, S., 433
 Yamamoto, T., 459, 465, 467, 468, 473
 Yamamoto, Y., 524, 525, 527, 529, 530, 601
 Yamaoka, Y., 601
 Yamasaki, K., 61, 433
 Yamasawa, I., 5, 51, 601
 Yamashita, N., 53, 64
 Yamashita, S., 173, 216, 217, 299, 303
 Yamashita, T., 10
 Yamawaki, T., 272
 Yamin, A., 511
 Yan, C., 56, 57

- Yan, F.S., 185, 186, 194
 Yan, G., 166, 168, 169
 Yan, H.M., 595
 Yan, J.H., 299
 Yan, M., 326
 Yan, Q., 512
 Yan, W., 173, 401, 402
 Yan, Z.W., 293, 318, 323–325, 441
 Yanamoto, H., 270, 274, 277
 Yanez, N.D., 296
 Yang, B., 328
 Yang, C., 545, 546
 Yang, C.C., 441
 Yang, C.F., 594
 Yang, D., 544
 Yang, E.J., 147
 Yang, F., 342, 401
 Yang, G.Y., 9, 78, 109, 370, 458
 Yang, H., 441
 Yang, H.S., 437
 Yang, H.Y., 390
 Yang, J.-J., 184, 185, 187, 193–195, 466, 472, 593–596
 Yang, K., 214, 222
 Yang, L., 585, 596
 Yang, L.F., 604, 609
 Yang, L.J., 373
 Yang, M.J., 326
 Yang, P., 594
 Yang, Q., 171, 595
 Yang, Q.W., 367
 Yang, Q.Z., 459, 461, 467, 468, 595, 604, 609
 Yang, S.D., 272, 296, 584
 Yang, S.Y., 322, 325, 464, 470
 Yang, T., 189, 202, 231, 235, 343, 366–368, 374–377, 380, 381, 438, 441, 467, 530, 535
 Yang, W.K., 184–186, 188, 439, 443, 504
 Yang, X., 80, 185, 186, 188
 Yang, X.C., 80, 81
 Yang, X.M., 55, 56, 60, 62, 72–75, 299, 326, 390, 392, 436
 Yang, Y., 391, 530
 Yang, Y.L., 123
 Yang, Y.R., 106
 Yang, Z.-J., 231, 235, 278–280
 Yannopoulos, F., 11, 562
 Yano, S., 187, 462, 468, 469
 Yan-Ting, G., 487, 490
 Yao, S.Y., 186, 201, 474, 475
 Yao, W.X., 459, 468, 471, 472
 Yao, Z., 55, 61
 Yaoita, H., 605
 Yap, J., 73, 78
 Yarimizu, K., 5
 Yarnold, J.A., 294
 Yarov-Yarovoy, V., 6, 62, 81, 433
 Yasugawa, S., 230
 Yasumura, D., 194
 Yatsiv, I., 509, 510
 Yatsushige, H., 300
 Yayama, T., 512
 Ye, R., 171
 Ye, Z., 171, 322, 331, 373
 Ye, Z.B., 441
 Ye, Z.G., 322, 325, 464, 470
 Yeh, M.L., 167
 Yellon, D.M., 6, 11, 52–54, 56, 57, 59, 63, 64, 67–75, 77, 78, 82, 83, 243, 441–443, 506, 557, 562, 563, 569, 571, 602–604, 608
 Yenari, M.A., 118, 319, 327, 367, 531
 Yeo, T.T., 583
 Yi, J.H., 373
 Yildirim, F., 408
 Yilmaz, O., 219
 Yin, C., 392
 Yin, K.J., 438
 Yin, W., 184, 187, 196, 264, 299, 395, 583
 Yin, X.H., 342
 Yin, Y., 184–186, 188
 Yin, Z., 601
 Ying, W., 248
 Yip, P.K., 270
 Yitzhaki, S., 396
 Ylostalo, J., 11
 Yoder, E., 140
 Yofu, S., 436
 Yogaratnam, J.Z., 571, 585, 586
 Yokoo, N., 167
 Yokota, H., 346, 356
 Yokoyama, K., 169, 391, 493
 Yokoyama, T., 76
 Yoneda, Y., 524, 525, 527, 529, 530
 Yonekawa, H., 185, 193, 195, 439
 Yonekawa, Y., 218
 Yonekura, Y., 184, 185, 194
 Yong, C., 443
 Yong, V.W., 9
 Yonoki, Y., 541
 Yoo, M.A., 440
 Yoon, B.W., 231, 235
 Yoon, D.H., 184, 201
 Yoon, H.J., 380
 Yoon, S., 80
 Yoon, Y.W., 71, 562, 602
 Yoshida, N., 5

Yoshida, T., 57
 Yoshida, Y., 123, 271, 370
 Yoshikawa, Y., 271
 Yoshimoto, T., 214
 Yoshimura, M., 431
 Yoshimura, S., 319
 Yoshinaga, S., 310
 Yoshishige, D., 72, 73
 Yoshizumi, M., 56, 57
 You, X., 367
 Young, A.B., 24
 Young, A.C., 500
 Young, C.N., 458, 460, 461, 467
 Young, D.M., 439
 Young, J.M., 168, 176, 557, 558
 Young, K.C., 573
 Young, L.H., 442, 443
 Young, P.R., 9
 Young, S., 437
 Ytrehus, K., 55, 64
 Yu, A.Y., 8, 44, 184, 186, 191, 194, 297, 441
 Yu, B., 171, 172
 Yu, C., 561
 Yu, F., 280, 297
 Yu, H.M., 436
 Yu, H.Y., 584
 Yu, J., 326, 402
 Yu, L.M., 294
 Yu, L.N., 326
 Yu, Q., 171, 460, 464, 466, 468, 474
 Yu, S., 184, 194, 195, 466, 473, 474
 Yu, S.M., 106
 Yu, S.P., 184, 185, 191, 196, 198
 Yu, S.Y., 584
 Yu, T.W., 10
 Yu, W., 441
 Yu, X., 297, 595
 Yu, X.C., 595
 Yu, Y., 595
 Yu, Z., 399
 Yuan, H.B., 114, 115, 117, 123
 Yuan, L.B., 167, 169, 400, 403
 Yuan, Y., 171, 193, 322, 331, 373
 Yue, T.L., 9, 57
 Yue, Y., 57, 60, 62
 Yuen, A.W., 141, 148
 Yun, H., 443
 Yun, L., 173
 Yundt, K., 310
 Yung, W.H., 184, 186, 191, 198, 459, 465
 Yun-Jie, W., 487, 490
 Yunoki, M., 10, 114–116, 119–121
 Yvon, A., 184, 185, 191, 197–199,
 202, 510

Z

Zacchigna, S., 190, 194
 Zacharowski, K., 3
 Zagorski, J., 10
 Zaha, V., 442, 443
 Zaid, H., 433
 Zai-Hua, X., 487, 490
 Zak, D.E., 377
 Zaleska, M.M., 137
 Zaloga, C., 277
 Zambrano, N., 186, 191, 192
 Zamudio, F.Z., 303
 Zanier, E.R., 231, 234, 465, 468, 472, 473
 Zapert, K., 485
 Zatta, A.J., 53, 72–75
 Zaugg, M., 73
 Zaun, D.A., 583
 Zausinger, S., 279
 Zawadzki, J.V., 437
 Zaytseva, N.V., 296
 Zazulia, A.R., 310
 Zboyan, H.A., 142
 Zea Longa, E., 271
 Zechner, C., 442
 Zeger, S., 606
 Zeng, D., 78
 Zeng, X.-Z., 185, 186, 197, 199
 Zeng, Y., 594
 Zerbe, R., 188, 201
 Zgodzinski, W., 201
 Zhan, B., 601
 Zhan, L., 184, 195
 Zhan, Q., 186, 198
 Zhan, R.-Z., 195
 Zhan, X., 41, 42, 45, 167, 169, 248, 272,
 278, 375
 Zhan, Y., 279
 Zhang, A., 443
 Zhang, B., 80
 Zhang, C., 56, 57, 194, 439, 542, 543, 545
 Zhang, D., 433
 Zhang, F., 114, 117, 123, 367
 Zhang, F.J., 326
 Zhang, F.Y., 459, 464, 468
 Zhang, G.Y., 342
 Zhang, H., 10, 319, 328, 330, 331, 401,
 402, 441
 Zhang, H.J., 583
 Zhang, H.P., 167, 169, 400, 403
 Zhang, J., 46, 56, 57, 63, 166, 173, 174, 184,
 186, 193, 200, 201, 231, 235,
 278–280, 295, 299, 390, 393, 394,
 436, 438, 439, 486–489, 491
 Zhang, J.-X., 184, 185, 197, 199

- Zhang, J.H., 173, 174, 291, 293–297, 299–301, 314, 486–491, 495, 583, 605
- Zhang, J.M., 53, 71
- Zhang, J.X., 461, 467, 470
- Zhang, K., 184, 186
- Zhang, L., 10, 80, 168, 174, 186, 191, 280, 299, 328, 367, 459, 595
- Zhang, L.-Y., 184, 185, 197, 199
- Zhang, L.K., 81
- Zhang, L.S., 401
- Zhang, L.Y., 461, 467, 470
- Zhang, M.M., 69, 319, 322, 332, 466, 474, 504
- Zhang, N., 184–188, 193
- Zhang, P., 121
- Zhang, Q.G., 248, 342, 441
- Zhang, R.J., 173, 459, 509
- Zhang, R.L., 10
- Zhang, S.J., 319, 322, 332, 343, 352
- Zhang, W., 144, 148, 185–187, 195, 322, 331, 348, 433, 459, 461, 467, 468, 595, 601
- Zhang, X., 80, 167, 169, 298, 442, 493, 510, 524, 525, 530, 583, 586
- Zhang, X.L., 441
- Zhang, X.Z., 586
- Zhang, Y.X., 184–187, 191, 193, 194, 196, 198, 200, 248, 342, 435, 524, 525, 530, 542, 543, 545, 592, 594
- Zhang, Z., 270
- Zhang, Z.G., 10, 152, 277, 459
- Zhang, Z.X., 441
- Zhang, Z.Y., 80
- Zhao, C., 80
- Zhao, D., 319, 322, 332
- Zhao, H., 11, 41, 175, 245, 293, 311, 313, 318–321, 323–325, 327, 328, 330, 331, 375, 563
- Zhao, H.G., 245
- Zhao, H.W., 40–42, 44, 45, 341
- Zhao, J., 299
- Zhao, L., 270–272, 275–282, 442, 464, 470, 595
- Zhao, P., 167–169, 172, 184, 186, 193, 200, 201, 221, 262, 263, 443, 492, 493
- Zhao, Q., 272
- Zhao, R.N., 167, 169
- Zhao, T., 184, 186, 194, 195, 466, 473, 474
- Zhao, W.S., 80, 124, 235, 272, 273
- Zhao, X., 154, 156, 299, 439
- Zhao, Y.L., 406, 433, 595
- Zhao, Z.-Q., 53, 71–75, 79, 80, 317, 326, 563
- Zhen, S., 213, 221
- Zheng, H., 592
- Zheng, J.Z., 190
- Zheng, K., 439
- Zheng, L., 542
- Zheng, S., 114, 115, 117, 123, 166–169, 373, 492
- Zheng, X., 388
- Zheng, Y.T., 56, 57, 167, 169, 298, 493, 586
- Zheng, Z., 367
- Zhi, J.L., 436
- Zhitian, Z., 64
- Zhong, H., 441
- Zhong, J., 190, 195
- Zhong, K.W., 577
- Zhong, L., 542
- Zhong, S., 594
- Zhou, A., 189, 381, 530, 535
- Zhou, C., 279, 299, 300, 491
- Zhou, D., 187, 201, 231, 235, 299
- Zhou, F., 38, 40, 249
- Zhou, G., 56
- Zhou, H.Z., 74
- Zhou, J., 601
- Zhou, M.-L., 188, 201, 292, 293, 297, 300, 463, 468, 469, 471
- Zhou, P., 437, 462, 467–471
- Zhou, Q., 187, 201
- Zhou, R.L., 8
- Zhou, S., 322, 331, 601
- Zhou, W., 78
- Zhou, X., 78, 184
- Zhou, Y., 298, 342, 343, 443
- Zhou, Z., 63
- Zhu, B.Q., 74
- Zhu, C.Z., 279
- Zhu, D., 409, 410
- Zhu, H., 328, 601
- Zhu, L.-L., 8, 58, 120, 123, 184, 186, 191, 198, 222, 275, 369, 459–461, 465, 467–470, 530, 531
- Zhu, M., 73
- Zhu, P.J., 46
- Zhu, R.L., 4, 6, 8, 231, 235, 275, 277, 436, 465, 473, 531, 567
- Zhu, W., 53, 71, 168, 280, 439
- Zhu, X., 38, 40, 44, 45, 63, 195, 592, 593, 595
- Zhu, Y., 4, 169, 184–186, 188, 191, 194, 195, 199, 200, 370, 411, 412, 542–545
- Zhu, Z.H., 167, 169, 172–174, 298, 491, 493, 584, 586, 591, 592, 594
- Zhuravin, I.A., 184, 185, 200
- Zielasek, J., 10
- Ziembowicz, A., 184, 185, 347, 351
- Zilkha, E., 25
- Zilles, K., 341
- Ziman, B.D., 64

- Zimmermann, R., 438
Zinchenko, V.P., 193
Zini, R., 73
Zipfel, G.J., 188, 201, 463, 468, 469, 471
Zivin, J.A., 591
Zoer, B., 463, 471
Zollinger, A., 175
Zolotukhin, S.P., 296
Zoratti, M., 433
Zoref-Shani, E., 348, 436
Zorov, D.B., 64, 394
Zou, F., 349
Zou, M., 343
Zou, X., 595
Zovein, A., 370
Zu, L., 388
Zu, Y.L., 56, 57
Zucker, I., 38
Zukin, R.S., 346, 356, 433, 534
Zuo, Z., 114, 115, 117, 123, 166–172, 213,
221, 298, 326, 331, 373, 492, 493
Zuurbier, C.J., 433
Zvara, D.A., 171
Zwagerman, N., 106, 110, 112
Zweier, J.L., 510
Zweifach, B.W., 4

Subject Index

A

- Adenosine A₁ receptor (A₁AR), 45–47, 410
- Adenosine epileptic tolerance, 529
- Adrenomedullin, 199
- Alken, 296
- Alpha-linolenic acid (ALA)
 - biochemical imbalance, 144–146
 - CA1 neurodegeneration, 154
 - delayed cross-tolerance, 154
 - intravenous injection, 149–150
 - K⁺ channels, 155
 - K₂P channels, 155
 - natural preconditioner, 153
 - NFκB, 154
 - nutraceuticals, 156–158
 - subchronic treatment, 152
 - TREK-1 channel, 155
- AMP-activated protein kinase (AMPK), 29–30, 442–443
- Angiographic vasospasm, 572
- Anoxia resistance
 - anoxia tolerance (*see* Anoxia tolerance)
 - energy consumption
 - basal metabolism, 22
 - energy failure, 24–25
 - ion pumps, 22–23
 - sodium pump and electrical and synaptic activity, 23–24
 - energy production
 - ATP, 21–22
 - high-energy intermediates, 20–21
- Anoxia tolerance
 - crucian carp fish
 - AMPK, 29–30
 - anaerobic glycolysis, 28

- ATP levels, 28–29
- GABA, 30
- glutamate, 30
- K₊ATP channels, 29
- neurotransmission, 30
- phosphorylated adenyates, 29
- telencephalic brain, 29
- turtles
 - brain, 25–26
 - diving behavior, 25
 - metabolic depression, 26–28
- Antiapoptosis, 510–511
- N-Arachidonoyl-l-serine (AraS), 504
- Arctic ground squirrels (AGS).
 - See* Torpor
- Astrocyte-based HIF-1 transcription, 473
- Atmosphere absolute (ATA), 173, 174
- Autophagy, 401

B

- Base excision repair (BER), 415–416
- B-cell lymphoma-2 (Bcl-2), 169, 196, 368–369, 511, 531
- Beclin-1, 402
- Blood-brain barrier (BBB), 109–110, 198
- Brain-derived neurotrophic factor (BDNF), 108, 247, 512, 530
- Brain edema, 487–488
- Brain injury
 - cerebral preconditioning, 259
 - ischemic preconditioning, 259
 - molecular and cellular mechanisms
 - glial response, 261
 - vascular response, 261
 - transient ischemic attacks, 259

- Brain ischemia postconditioning
 distal middle cerebral artery (MCA)
 occlusion
 infarct size, 319, 320
 ischemic postconditioning,
 CBF, 319, 321
 partial reperfusion, 319
 reproducible infarct region, 319
 transient occlusion, bCCA, 319
 MCA suture occlusion model
 global ischemia, 322
in vitro ischemia, 322
- Brain preconditioning
 carotid artery ligation, 236–237
 clot busters, 133
 electroconvulsive shock (ECS), 237
 endogenous cellular protective signaling
 pathways, 134
 focal ischemia, 226–229
 global ischemia, 226–227, 229–230
 ischemic, 225–226
 focal preconditioning/focal permanent
 harmful ischemia, 230–234
 focal preconditioning/global harmful
 ischemia, 235
 global preconditioning/focal harmful
 ischemia, 235
 global preconditioning/global harmful
 ischemia, 236
 transient focal preconditioning/transient
 focal harmful ischemia, 235
 ischemic stroke, 138–139
 neuroprotective agent development failure
 “best-in-class” agents, 136
 blood flow interruption, 135
 common consequences, 135
 drug dose, 137
 termed ischemic penumbra, 136
 treatment time, 136
 work capacity, 135
 omega-3 (*see* Omega-3)
 tPA treatment, 133
- C**
- CABG surgery. *See* Coronary artery bypass
 graft (CABG) surgery
- Calcitonin gene-related peptide (CGRP),
 68–70
- cAMP response element-binding protein
 (CREB), 9, 262, 343, 412–413
- Carassius auratus*, 29
- Carassius carassius*. *See* Crucian carp
- Cardioprotection. *See* Ischemic conditioning
- Cardiopulmonary arrest (CA). *See* Global
 cerebral ischemia
- Carotid revascularization, 573–574
- Cell survival, genomics
 apoptosis, 368–369
 cell cycle, 369
 neurogenesis, 369–370
- Cellular homeostasis
 glucose, 370
 ion, 371–372
 metabolism, 371
 neurotransmitters, 372
- Central retinal artery occlusion (CRAO), 541
- Cerebral blood flow (CBF), 110–111, 470–471
- Cerebral ischemia
 mitochondria and synaptic dysfunction,
 430–431
 preconditioning
 and apoptosis, 433, 434
 endoplasmic reticulum, 434–435
 signaling pathways, mitochondrial
 neuroprotection
 mitochondria, 437–438
 nitric oxide, 437
 protein kinase C, 436–437
 reactive oxygen species, 435–436
 tolerance
 adenosine, 8
 global/focal ischemia, 6, 7
 glutamate, 7–8
 neuroprotective effect, 8
 TIAs, 6
 transcriptional activators, mitochondrial
 protection
 AMP-activated protein kinase
 pathway, 442–443
 hypoxia-inducible factors, 440–442
 nuclear factor erythroid-2 related
 factor, 443–444
 peroxisome proliferator-activated
 receptor γ coactivator-1 α , 439, 440
 peroxisome proliferator-activated
 receptors, 438–439
 sirtuin 1, 441
- Cerebral perfusion
 contralateral perfusion, 277
 hydrogen clearance measurements, 274
 LPS-preconditioned, 275
 preconditioning-associated CBF changes,
 hypertensive rat, 275, 276
- CGRP. *See* Calcitonin gene-related peptide
 (CGRP)
- Chaperones, 397–398
- c-Jun NHP2 terminal kinase (JNK), 56–57

- Coronary artery bypass graft (CABG) surgery
 IPC, 77
 IPost, 79
 perioperative myocardial injury, 76
 preconditioning strategy
 adverse cerebral outcomes, 569
 diazoxide, 570–571
 free radicals, 570
 hyperbaric oxygen conditioning, 571
 intermittent ischemic arrest, 569
 myocardial revascularization, 570
 remote ischemic preconditioning, 571
 RIPC, 77, 78
- Crucian carp
 AMPK, 29–30
 anaerobic glycolysis, 28
 ATP levels, 28–29
 GABA, 30
 glutamate, 30
 K_{+ATP} channels, 29
 neurotransmission, 30
 phosphorylated adenylates, 29
 telencephalic brain, 29
- Cyclopentyltheophylline (CPT), 46
 Cytosolic glutamate, 24
 Cytosolic receptor tyrosine kinases, 56
- D**
 Dan, 5
 Deferoxamine, 219–220
 Delta-opioid receptor, 199–200
 Desflurane, 171–172
 Dietary reference intake (DRI), 144–145
 Dietary restriction (DR), 46
 Drum stress, 4
- E**
 Electroacupuncture (EA) preconditioning
 beneficial effects, 591–592
 ischemic preconditioning, 592–593
 ischemic tolerance, 592
 learning and memory impairment, 593
 stroke (*see* Stroke)
- Electroconvulsive seizures (ECS), 525
 Electroconvulsive shock, 237
 Endocannabinoids
 AEA and 2-AG levels, 501–502
 brain function, 500–501
 CB1 and CB2 receptors, 501
 CB1 receptor agonists, 503–504
 D⁹-tetrahydrocannabinol, 500
 enhancement of, 502
 neuroprotective mechanism, 512, 513
 nonneuronal CB2 receptors, 504
- Endoplasmic reticulum (ER)
 Ca²⁺ release, 400–401
 ER-associated degradation, 400
 stress
 chaperones, 397–398
 glucose-regulated protein 78, 399–400
 heat shock proteins, 398–399
 unfolded protein response, 397
- Endothelial apoptosis, 299
 Endothelial nitric oxide synthase (eNOS), 188,
 200, 297–298, 469, 572
- Epileptic tolerance
 centrally administered excitotoxins,
 525, 527
 cross-tolerance, 527
 electroconvulsive seizures, 525
 epileptogenesis, 528
 future aspects, 534–535
 hippocampus, 527
 kindling, 523, 525
 mediators of
 adenosine, 529
 Bcl-2 family proteins, 531
 clinical correlates, 531–532
 growth factors, 530–531
 heat shock proteins, 531
 neuropeptide Y, 530
 nuclear factor κB, 529–530
 preconditioning stimulus, 529
 murine models of, 523, 524
 protein synthesis and time period, 523
 systemic KA, 525, 526
 transcriptome of
 expression profiling, 532
 microarray features, 532–534
 transferability of, 527–528
- Epileptogenesis, 528
 EPO. *See* Erythropoietin (EPO)
 Erk1/2 MAPK, 56
 Erythromycin, 220, 251
 Erythropoietin (EPO), 198–199, 218–219, 250
- Exercise preconditioning
 amelioration, 106
 complex exercise, 107
 forced exercise, 106
 neuroprotection mechanisms
 anti- and pro-apoptotic signaling
 pathways, 108
 chronic exercise, 107–108
 clinical application, 113–114
 HIF-1α, 108, 113
 inflammatory response, 111–112

- Exercise preconditioning (*Cont.*)
 metabolic alterations, 112–113
 neuronal death and survival signaling pathways, 112
 neurotrophins, 108
 neurovascular unit integrity (*see* Neurovascular unit)
 poststroke exercise, 113
 simple exercise, 106–107
 stroke-induced brain injury reduction, 105
 stroke prevention, 105
 types of exercise, 106
- Extracellular matrix (ECM), 109, 458, 487
- F**
- Factor-inhibiting HIF-1 (FIH-1), 190
- Field excitatory postsynaptic potentials (fEPSPs), 148
- Focal cerebral ischemia, 227–229
 hypothermia, 114
 physiological variables and anesthesia
 anesthesia confounds, 279–282
 cerebral perfusion (*see* Cerebral perfusion)
 tissue damage, 277–278
- stroke models
 endothelin-induced vasoconstriction, 273
 intraluminal filament occlusions, 271–273
Macaca mulatta, 274
 surgical MCA occlusion, 270–271
 tolerance, 6, 7
- G**
- Gamma aminobutyric acid (GABA), 21, 28, 30, 430
- Genomics
 cell survival
 apoptosis, 368–369
 cell cycle, 369
 neurogenesis, 369–370
 cellular homeostasis
 glucose, 370
 ion, 371–372
 metabolism, 371
 neurotransmitters, 372
 converging mechanisms
 blood cell response, 378
 brain's reprogrammed genomic response, 377
 shared gene regulation, 375, 376
- TLR signaling cascade, 375
 transcriptional profile, 376
- defense/stress response
 heat shock proteins, 364, 365, 367
 inflammatory cytokines, 367–368
 toll-like receptors (TLRs), 367–368
- effectors of neuroprotection
 epigenetics, 381
 miRNA, 380–381
 model of, 378, 379
 priming phase, 378
- microarray usage, 374
- responses, preconditioning and ischemic tolerance, 364, 366
- signaling mediators
 cascades, 373
 transcription factors, 373–374
- technological advances, 381–382
 transcriptional study, 364, 365
- Glial-based protection, NVU
 aquaporin 4 expression, 472–473
 astrocyte-based HIF-1 transcription, 473
 astrocytes, 472
 oligodendrocyte precursor cells, 474, 476
- PC-induced protection, 474
 plasma membrane-bound glutamate transporter-1, 473–474
- Global cerebral ischemia, 229–230
 clinical applications, 249–250
 erythromycin, 251
 erythropoietin, 250
 ischemic post-conditioning, 245
 lethal, 244
 mechanisms of
 anti-cell death pathways, 247–248
 elevated neurotrophic factors, 247
 suppressed excitotoxicity, 246
 suppressed inflammation, 246–247
 triggering pathways, 246
- natural solutions, 248–249
 resveratrol, 251
 sublethal, 244
in vivo and *in vitro* models, 244
- Glucocorticoid receptor, 199
- Glucose-regulated protein 78 (GRP78), 399–400
- Glutamate transporter-1 (GLT-1), 473–474
- Goldfish, 29
- Golgi apparatus
 Ca²⁺ homeostasis, ischemic preconditioning, 404–405
 physiological function, 404

H

- Halothane, 169–170
- HBO. *See* Hyperbaric oxygen (HBO) therapy
- Heart. *See* Ischemic conditioning
- Heat acclimation cross-tolerance (HACT)
 phenotype
 acclimatory profile, 506–507
 antiapoptosis, 510–511
 anti-inflammatory capacity, 511–512
 antioxidantation, 509
 brain-derived neurotrophic factor, 512
 cytoprotective features of, 507–508
 hypoxia-inducible factor, 509–510
 neuroprotection
 mechanism, 512, 513
 physiological evidence of, 508–509
- Heat shock proteins (HSPs), 122–123, 200,
 364, 365, 367
 endoplasmic reticulum, 398–399
 epileptic tolerance, 531
 retinal ischemia, 545
- Hibernation
 A₁AR agonists, 45–47
 arousal blood flow, 38, 39
 brain injury, 38, 40
 cerebral ischemia, 38
 definition, 37
 dietary restriction, 46
 H₂S exposure, 46
 hypothermia, 38
 hypoxia, 38, 46
 myocardial mitochondrial function, 46
 phenotype, 40
 torpor (*see* Torpor)
- HIF-1 α . *See* Hypoxia-inducible factor-1 α
 (HIF-1 α)
- High-density lipoprotein (HDL), 146
- HPC. *See* Hypoxic preconditioning (HPC)
- H₂S. *See* Hydrogen sulfide (H₂S)
- HSPs. *See* Heat shock proteins (HSPs)
- Human brain endothelial cells
 (HBEC), 504
- Hydrogen sulfide (H₂S), 174–175
- Hyperbaric oxygen (HBO) therapy, 172–174,
 491–492
 beneficial effects, 580
 stroke and TBI
 acute ischemic stroke treatment, 581
 clinical trials, 581, 582
 complete stroke, 581–582
 double-blind pilot study, 582
 future aspects, 583–584
 hyperbaric vs. normobaric
 hyperoxia, 583
 hyperoxygenated blood delivery, 581
 preconditioning (*see* Stroke)
 pressure range, 582–583
- Hyperthermia**
 clinical implications, 124
 experimental models, 121, 122
 intra- and postischemic hyperthermia,
 123–124
 mechanism
 adenosine receptors, 123
 HIF-1 α , 123
 HSPs, 122–123
 neuroprotection, 121, 122
- Hyperthermic preconditioning. *See***
Hyperthermia
- Hypoperfusion, 111**
- Hypothermia**
 clinical applications
 cooling methods, 120
 safety, 119
 timing, 120
 experimental models
 cerebral hypoxia/ischemia, 114
 depth and duration, 116
 rapid vs. delayed tolerance, 115, 116
 three-vessel occlusion model, 114
 intra- and postischemic hypothermia,
 118–119
 mechanisms
 adenosine receptors, 117
 high-mobility group I (Y) protein, 117
 K_{ATP} channels, 117
 neuroprotection, 116, 117
 TNF- α , 117–118
- Hypothermic preconditioning. *See***
Hypothermia
- Hypoxia. *See* Hypoxic preconditioning**
(HPC)
- Hypoxia-inducible factor, 440–442,
 509–510
- Hypoxia-inducible factor-1 α (HIF-1 α),
 491
 adults, 191
 Cre-Lox mouse model, 191–192
 exercise preconditioning, 108, 113
 FIH-1, 190
 HIF-2 α isoform, 192
 hyperthermia, 123
 mouse retina, 191
 neonates, 190–191
 oxygen-dependent PHDs, 190
 protein, 44
 rat retina, 191
- Hypoxic-ischemic (HI) insult, 167**

Hypoxic preconditioning (HPC), 5, 38
 cytoprotection, nonischemic conditions,
 200–201
 effector mechanisms
 amyloid-related proteins, 200
 angiogenesis, 197
 attenuated excitotoxicity, 193
 blood flow/tissue perfusion, 197
 enhanced antioxidant capacity, 194
 EPO, 198–199
 HSPs, 200
 humoral mediators, 199
 inflammatory and immunological
 changes, 196
 metabolic downregulation, 194–195
 opioids, 199–200
 overt vascular injury reductions, 198
 reduced apoptosis, 196–197
 VEGF, 199
 ERK activity, 264
 future aspects, 202–203
 gene activation and de novo protein
 synthesis, 264
 HIF-1, 265
 induction mechanisms
 hypoxia receptor, 186–187
 signal transduction pathways,
 187–188
 PI3K/AKT signalling, 264
 protection, cerebral ischemia
 CA1 hippocampal pyramidal
 cells, 184
 cell culture, 184
 deferoxamine, 185, 186
 hypobaric hypoxia, 185
 hypoxia mimetics, 186
 neonatal brain, 184
 rapid preconditioning, 186
 remote preconditioning, 185
 transcriptional activation/genetic
 reprogramming
 delayed stroke tolerance, 189
 epigenetic transcriptional regulation,
 189
 gene expression, 189
 hippocampal slice, 188
 hypometabolic effects, 189
 hypoxia-inducible factor (*see*
 Hypoxia-inducible factor-1 α
 (HIF-1 α))
 non-HIF transcription factors,
 192–193
 translational potential, 201–202
 VEGF activity, 265–266

I

Immature brain
 anaesthetic, 262–263
 hypoxic preconditioning, 264–266
 ligation and ischemic, 262
 lipopolysaccharide preconditioning,
 263–264
 Immediate early genes (IEG), 8
 Inhalatory anesthetics, 492–493
 Internal carotid artery (ICA), 272
 Intracerebral hemorrhage (ICH)
 bleeding, 313
 brain injury mechanisms, 310–311
 brain water content, bar graph, 311, 312
 clinical considerations, 314
 hyperbaric oxygen, 311
 iron-induced brain injury, 312
 leukocyte infiltration, 313
 physical trauma, 312
 p44/42 MAPK and kinase inhibition,
 312
 post-conditioning, 313–314
 thrombin, 311
 Intracranial aneurysm surgery
 aneurysm occlusion, 574
 coil embolization, 575
 magnesium, 575
 temporary artery clip occlusion,
 574–575
 Intraluminal filament occlusions
 delayed temperature, 273
 endovascular occlusion methods, 272
 ICA, 272
 overt infarction, 273
 selective neuronal injury, 273
 IPC. *See* Ischemic preconditioning (IPC)
 IPost. *See* Ischemic postconditioning (IPost)
 Ischaemia/reperfusion (I/R), 40
 Ischemic conditioning, 52–53, 601
 clinical application
 CABG surgery (*see* Coronary artery
 bypass graft (CABG) surgery)
 coronary revascularization, 82–83
 patient benefit, 83
 PCI patients (*see* Primary percutaneous
 coronary intervention (PPCI))
 current clinical trials
 CABG surgery, 608
 hyperbaric preconditioning, 608
 limb preconditioning, 608
 nervous system, 608
 on-pump coronary surgery, 608
 pharmacological preconditioning, 608
 spinal cord surgery, 609

- STEMI and primary PCI, 608
 - subarachnoid hemorrhage, 609
 - human conditioning, 603, 604
- IPC (*see* Ischemic preconditioning (IPC))
- IPost (*see* Ischemic postconditioning (IPost))
- myocardium, 602
- RIC (*see* Remote ischemic conditioning (RIC))
- short sublethal ischemia and reperfusion, 602
- translational research
 - carotid artery stenting, 606
 - chronic ischemia, 605
 - coronary artery bypass grafting, 606
 - direct ischemic preconditioning, 607
 - endogenous preconditioning
 - treatment, 605
 - exogenous preconditioning
 - treatment, 603, 605
 - pharmacologically active substances, 606
- Ischemic depolarization (ID), 42
- Ischemic heart disease (IHD). *See* Ischemic conditioning
- Ischemic postconditioning (IPost), 11, 555, 562–563
 - CABG surgery, 79
 - intermittent reperfusion, 71
 - PPCI patients, 79–82
 - signalling pathways
 - cell surface receptor activation, 72–73
 - mitochondria, 74–76
 - transduction pathways, 73–74
 - stroke
 - additional proteins, 331
 - Akt pathway, 328–330
 - brain ischemia (*see* Brain ischemia postconditioning)
 - delayed postconditioning, 322–324
 - K_{ATP} channel, 331
 - long-term protective effects of, 323, 325
 - MAPK pathways, 330
 - myeloperoxidase (MPO) activity, 332
 - PKC pathways, 330–331
 - vs.* preconditioning, 326–327
 - preconditioning *vs.* postconditioning, 318
 - triggers for, 325–326
- Ischemic preconditioning (IPC), 225–226
 - acute phase, 165
 - CABG surgery, 77
 - calcium, 60
 - cardioprotection phases, 53
 - cerebral ischemia
 - and apoptosis, 433, 434
 - endoplasmic reticulum, 434–435
 - clinical trials
 - anti-cerebral ischemic therapy, 557
 - cardiopulmonary bypass, 557
 - experimental “sublethal” ischemia, 558
 - focal and global ischemia, 555–557
 - irreversible cerebral injury, 557–558
 - pharmacological preconditioning, 558
 - remote IPC, 558–559
 - serum biomarkers, 558
 - coronary occlusion, 553
 - cross-tolerance, 555
 - delayed phase, 165
 - disadvantages, 76
 - electroacupuncture (EA) preconditioning, 592–593
 - focal preconditioning/focal permanent harmful ischemia, 230, 234
 - focal preconditioning/global harmful ischemia, 235
 - global preconditioning/focal harmful ischemia, 235
 - global preconditioning/global harmful ischemia, 236
 - HBO, 172–174
 - H₂S, 174–175
 - ischemic post-conditioning, 555
 - memory effect, 53
 - mitochondria, 58
 - mitochondrial K_{ATP} channel, 62
 - mPTP, 63–64
 - myocardial energy production, 58–59
 - nitric oxide (NO), 63
 - pH, 59–60
 - pharmacological preconditioning, 555
 - protective mechanism, 175–176
 - remote ischemic preconditioning, 555
 - retinal ischemia
 - adenosine receptor, 545–546
 - Akt-related neuroprotection, 544
 - blood flow, 546
 - cell survival mechanisms, 544
 - heat shock proteins, 545
 - HIF-1 α signalling pathway, 544–545
 - hypoxia, 543
 - nitric oxide synthase, 544
 - opioid receptors, 544
 - phototoxicity, 543
 - PKC isoforms, 543–544

- Ischemic preconditioning (IPC) (*Cont.*)
 time-related, 543
 transient ischemic stimulus, 542–543
 ROS, 60–62
 schematic illustration, 230, 233
 signalling pathways
 cell membrane surface, 54
 effectors, 58
 G-protein-coupled receptors, 54
 mediators, 54–58
 metabolic and biochemical changes, 54
 secondary intracellular, 553–554
 triggers, 54
 surgical strategy, 230–232
 SWOP, 53, 64–66
 transient focal preconditioning/transient focal harmful ischemia, 235
 transient ischemic accidents, 559–561
 volatile anesthetics
 description, 166
 desflurane, 171–172
 halothane, 169–170
 isoflurane (*see* Isoflurane)
 sevoflurane, 170–171
 xenon and nitrous oxide, 172
- Isoflurane
 animal models, 166
 preconditioning-induced neuroprotection
 acute and delayed phase, 167–168
 Bcl-2, 169
 glutamate transporter inhibitors, 168
 HI insult, 167
 K_{ATP} channels, 168, 169
 multiple molecules, 168–169
 neural tissues, 169
 PKC and NOS, 168
- J**
 Janus kinase (JAK), 57–58
- K**
 Krebs cycle, 21
- L**
 Lactate dehydrogenase (LDH), 21
 Lipopolysaccharide (LPS), 3–4, 221–222
 Low-density lipoprotein (LDL), 146
 Lysosome, 401–402
- M**
 MAPKs. *See* Mitogen-activated protein kinases (MAPKs)
 Matrix metalloproteinase (MMP), 110
 Metabotropic glutamate receptors, 346–347
 Methyl CpG-binding protein 2 (MeCP2), 414–415
 Middle cerebral artery occlusion (MCAO), 8, 9
 Mineralocorticoid receptor, 199
 Mitochondrial K_{ATP} channel, 62
 Mitochondrial permeability transition pore (mPTP), 63–64
 definition, 392–393
 inhibition, cardiac preconditioning
 connexin 43 translocation, 394
 mPTP phosphorylation, PKCe, 393–394
 ROS production and calcium loading, 394
 Mitochondrial preconditioning
 ATP-sensitive potassium channel
 BSM-191095, 392
 Ca²⁺-activated K⁺ channel, 392
 diazoxide, 391
 mitochondrial transmembrane potential, 391–392
 positive feedback loop, 392
 biogenesis
 hypoxia and ischemia, 395
 modulation of, 395
 transcriptional regulators, 394–395
 mitophagy
 parkin, 396–397
 preconditioning-conferred protection, 396
 permeability transition pore
 definition, 392–393
 inhibition, cardiac preconditioning, 393–394
 ROS
 generation of, 388
 HSP70 upregulation, 388–389
 MAPK/ERK pathway activation, 390–391
 PI3K pathway activation, 390
 PKC activation, cardiomyocytes, 390
 signaling pathways of, 389
 Mitogen-activated protein kinases (MAPKs), 55–57, 330
 mPTP. *See* Mitochondrial permeability transition pore (mPTP)

N

- Neuropeptide Y (NPY), 530
- Neuroprotection. *See also* Ischemic preconditioning
- CB1 receptor agonist, 503–504
 - nonneuronal CB2 receptors, 504
- Neurovascular unit (NVU)
- blood-brain barrier formation, 458
 - integrity
 - BBB integrity, 109–110
 - CBF, 110–111
 - microvasculature and architectural framework, 108–109
 - MMP expression, 110
 - primary innate barrier, 108
 - ischemic stroke
 - angiogenesis, 459
 - CBF regulation, 459
 - endothelial and astrocytic expression, 458
 - proinflammatory mediators, 458
 - structural proteins distribution, 459
 - neuronal viability preservation, 457
 - tolerance phenotypes, preconditioning
 - acute vascular inflammation, 460, 467
 - angiogenesis and vascular remodeling, 471
 - BBB disruption, 467–468
 - direct endothelial cytoprotection, 471–472
 - glial-based protection, 465–466 (*see also* Glial-based protection, NVU)
 - NO and eNOS, 468–469
 - postischemic CBF, 470
 - postischemic vascular reactivity, 470–471
 - ROS production, 469–470
 - vascular-based protection, 460–464
- Nitric oxide synthase (NOS), 168
- N-methyl-D-aspartate, 493–495
- N-methyl-D-aspartate glutamate receptors
- AMPA receptors, ischemic tolerance, 340, 341
 - as inducers of tolerance
 - CREB, 342–343
 - electrical activity, neurons, 343
 - postsynaptic dendritic spines loss, 343
 - synaptic vs. extrasynaptic, 343–344
 - intracellular signaling components, 342
 - NRI phosphorylation, 341
 - overview of, 340
 - spreading depression, 341
- N-methyl-4-isoleucine-cyclosporin (NIM811), 393
- Non-homogenous endpoint jointing (NHEJ) pathway, 415, 416
- Nuclear factor erythroid-2 related factor, 443–444
- Nuclear factor- κ B (NF κ B), 154
- dual nature, brain preconditioning, 409–410
 - mediators of, 410
 - proinflammatory responses, 409
 - subunits, 409
 - unstimulated cells, 409
- Nucleus
- cAMP response element-binding protein, 412–413
 - DNA damage and repair
 - base excision repair, 415–416
 - NHEJ-mediated double-strand break repair, 416
 - oxidative DNA damage, 415
 - epigenetics, 407–408
 - genomic reprogramming, 407
 - hypoxia-inducible factor-1
 - astrocytic tolerance, P450 2C11 upregulation, 412
 - ERK1/2 pathway inhibition, 412
 - gene expression regulation, 410
 - hydroxylation, 411
 - hypoxic preconditioning, 411
 - neuron-specific HIF-1 α knockout mice, 411
 - PHD-2 upregulation, 411–412
 - PI3K inhibitor, 412
 - polyubiquitination, 411
 - microRNA
 - in cerebral ischemia, 414
 - neuroprotection, 414–415
 - NF- κ B
 - dual nature, brain preconditioning, 409–410
 - mediators of, 410
 - proinflammatory responses, 409
 - subunits, 409
 - unstimulated cells, 409
- O**
- OGD. *See* Oxygen glucose deprivation (OGD)
- Oligodendrocyte precursor cell-based protection, 475
- Omega-3 and excitotoxicity
- EPA and DHA beneficial effects, 149
 - epileptic seizures, 147
 - fEPSPs' slope, 148

- Omega-3 (*Cont.*)
- hippocampal slices, 148
 - neuronal protection and cross-tolerance phenomenon, 147
 - nutritional deficiencies, 149
 - pentylentetrazol-induced seizures, 148
 - SCI, 147–148
 - α -linolenic acid
 - CA1 neurodegeneration, 154
 - delayed cross-tolerance, 154
 - K⁺ channels, 155
 - K₂P channels, 155
 - natural preconditioner, 153
 - NFkB, 154
 - nutraceuticals, 156–158
 - TREK-1 channel, 155
 - and omega-6, biochemical imbalance
 - DRI, 144–145
 - EPA and DHA, 146, 147
 - erythrocyte sedimentation, 147
 - Eskimo population, 147
 - LA and ALA, 144–146
 - LDL and HDL, 146
 - metabolism, 144, 145
 - trans-fatty acids, 146
 - unsaturated fatty acids intake, 146
 - preconditioning, chronic
 - administration, 156
 - PUFAs
 - balanced intake, 140
 - brain biochemistry, 140–141
 - DHA, 143–144
 - EPA beneficial effects, 141–143
 - LA and ALA, 144, 145
 - metabolism, 144, 145
 - nutrition as risk factor, 139–140
 - rapid preconditioning
 - antiexcitotoxic activity, 151
 - brain arteries vasodilation, 151
 - brain-repair process, 152
 - CA1 neurons, 149
 - cellular structural component, 151
 - glutamate excitotoxicity, 149, 150
 - hyperactivation, 149
 - intravenous injection, ALA, 149–150
 - multiple temporal and mechanistic benefits, 152
 - neuroplasticity, 152, 153
 - subchronic ALA treatment, 152
 - in vivo* transient model, 149
 - Opioids, 221
 - Oxygen glucose deprivation (OGD), 8–9, 167, 199
 - acute hippocampal slices, 38
 - AGS hippocampus, 43–44
 - attenuated excitotoxicity, 43
 - ePKC, 42
 - euthermic AGS, 42, 44
 - global cerebral ischemia, 42
 - HIF-1 α protein, 44
 - intracellular calcium, 41
 - Na⁺/K⁺ATPase downregulation, 41
 - NMDA receptor, 41, 43–44
- P**
- Parkin-mediated mitophagy, 392–397
 - Parkinson's disease, 391
 - Partial right frontal lobectomy, 486
 - Percutaneous coronary intervention (PCI), 82–83, 585
 - Perioperative hemorrhage, 488
 - Peroxisome proliferator-activated receptors, 438–439
 - activation, cerebral ischemic injury, 406
 - ischemic tolerance, 406–407
 - isoforms of, 405–406
 - Pharmacological preconditioning (PPC), 555
 - deferoxamine, 219–220
 - erythromycin, 220
 - erythropoietin, 218–219
 - lipopolysaccharide, 221–222
 - opioids, 221
 - TPC (*see* Thrombin preconditioning)
 - Phosphatidyl inositol 3-OH kinase (PI3K), 56
 - PI3K-Akt kinase cascades, 56
 - Plamandon, 147
 - p38 MAPK, 56–57
 - Polymorphonuclear leukocytes (PMN), 10
 - Polyunsaturated fatty acids (PUFAs)
 - balanced intake, 140
 - brain biochemistry, 140–141
 - DHA, 143–144
 - EPA beneficial effects, 141–143
 - LA and ALA, 144, 145
 - metabolism, 144, 145
 - nutrition as risk factor, 139–140
 - PPCI. *See* Primary percutaneous coronary intervention (PPCI)
 - Preventative acupuncture, 592
 - Primary percutaneous coronary intervention (PPCI), 53
 - IPost, 79–82
 - RIPC, 82
 - Prolyl hydroxylases (PHDs), 190
 - Protease-activated receptors (PARs), 215
 - Proteasome
 - 19S cap proteins, 402–403

- 26S proteasome, 402
 - ubiquitin-proteasome system
 - ischemic tolerance, 403
 - neurological disorders, 403
 - protein degradation, 403–404
 - protein turnover, 402
 - substrates, 402
 - Protein kinase C (PKC), 55–56, 168, 436–437
 - PUFAs. *See* Polyunsaturated fatty acids (PUFAs)
- R**
- RDI. *See* Reference/recommended daily intake (RDI)
 - Reactive oxygen species (ROS), 435–436
 - mitochondrial production, reperfusion, 61
 - roles, 60
 - signalling ROS generation, myocardial ischaemia, 61–62
 - Receptor tyrosine kinases, 56
 - Reference/recommended daily intake (RDI), 144–145
 - Remote ischemic conditioning (RIC)
 - intramyocardial protection, 65
 - myocardial mechanisms, cardioprotection, 70–71
 - potential humoral factor, 67–69
 - potential mechanisms, 67
 - potential neural pathway, 69–70
 - RIPC (*see* Remote ischemic preconditioning (RIPC))
 - RIPost, 71
 - RPCT, 71
 - systemic response, 70
 - Remote ischemic postconditioning (RIPost), 71
 - Remote ischemic preconditioning (RIPC), 555. *See also* Remote ischemic conditioning (RIC)
 - CABG surgery, 77, 78
 - heart protection, 52
 - PCI patients, 82–83
 - PPCI patients, 82
 - Remote preconditioning of trauma (RPCT), 71
 - Resveratrol, 251
 - Retinal ischemia
 - central retinal artery occlusion, 541–542
 - ischemic preconditioning
 - adenosine receptor, 545–546
 - Akt-related neuroprotection, 544
 - blood flow, 546
 - cell survival mechanisms, 544
 - heat shock proteins, 545
 - HIF-1 α signaling pathway, 544–545
 - hypoxia, 543
 - nitric oxide synthase, 544
 - opioid receptors, 544
 - phototoxicity, 543
 - PKC isoforms, 543–544
 - time-related, 543
 - transient ischemic stimulus, 542–543
 - post-conditioning, 546
 - RIC. *See* Remote ischemic conditioning (RIC)
 - RIPC. *See* Remote ischemic preconditioning (RIPC)
 - ROS. *See* Reactive oxygen species (ROS)
- S**
- SCI. *See* Spinal cord injury (SCI)
 - Second window of protection (SWOP), 53, 64–66
 - Secretory pathway Ca²⁺ ATPase1 (SPCA1), 404–405
 - Seizure, 568–569
 - Sevoflurane, 170–171
 - Signal transducers and activators of transcription (STAT), 57–58
 - Sirtuin 1, 441
 - Soluble amyloid precursor protein (sAPP), 200
 - Spinal cord injury (SCI), 147–148
 - Stroke. *See also* Ischemic postconditioning
 - additional proteins, 331
 - Akt pathway (*see* Akt pathway)
 - brain ischemia (*see* Brain ischemia postconditioning)
 - delayed postconditioning, 322–324
 - electroacupuncture (EA) preconditioning
 - acupoint specificity of, 594
 - bilateral neiguan, 593
 - clinical application of, 596, 597
 - future prospects of, 596, 598
 - ischemic preconditioning, 592–593
 - mechanism, 594–595
 - parameters of, 593
 - HBO preconditioning (*see also* Hyperbaric oxygen (HBO) therapy)
 - antioxidase activity and blood lactate clearance, 586
 - exercise tolerance, 586
 - inflammatory markers and neuropsychometric assessment, 585
 - ischemic tolerance, 584–585
 - on-pump CABG surgery, 585–586
 - percutaneous coronary intervention, 585
 - K_{ATP} channel, 331

- Stroke. *See also* Ischemic postconditioning
(*Cont.*)
 long-term protective effects of, 323, 325
 MAPK pathways, 330
 myeloperoxidase (MPO) activity, 332
 PKC pathways, 330–331
 vs. preconditioning, 326–327
 preconditioning vs. postconditioning, 318
 triggers for, 325–326
- Stroke Therapy Academic Industry
 Roundtable (STAIR)
 recommendations, 134, 136
- ST-segment elevation myocardial infarction
 (STEMI), 53. *See also* Primary
 percutaneous coronary intervention
 (PPCI)
- Subarachnoid hemorrhage (SAH), 200
 clinical applications and strategy
 endovascular approach, 295
 hypoxic/ischemic preconditioning,
 294, 295
 ischemic stroke, 295
 limb occlusion, 294
 coiling, 294
 remote conditioning, 295–296
 conditioning modalities, 293–294
 mechanisms of conditioning
 endothelial apoptosis, 299
 endothelial nitric oxide synthase
 (eNOS), 297–298
 HO-1 induction, 299
 upregulate innate neuroprotective
 mechanisms, 298
 ongoing clinical trials, 301–302
 outcome measures of, 300–301
 preconditioning strategy
 aneurysm, 571–572
 cerebral vasospasm, 572
 cognitive dysfunction, 572
 delayed cerebral ischemia, 572
 remote limb preconditioning, 572–573
 traumatic conditioning, 297
 types of conditioning, 292–293
- Subcellular organelles
 endoplasmic reticulum (*see* Endoplasmic
 reticulum)
 golgi apparatus, 404–405
 mitochondria (*see* Mitochondrial
 preconditioning)
 nuclear membrane, 404–407
 nucleus (*see* Nucleus)
 proteasome (*see* Proteasome)
- Surgical brain injury (SBI)
 complications, 485
 partial right frontal lobectomy, 486
 pathophysiology of
 brain edema, 487–488
 cell death, 488
 perioperative hemorrhage, 488
 preconditioning therapies, 485–486
 animal studies, 488–490
 future aspects, 494–495
 hyperbaric oxygen, 491–492
 inhalatory anesthetics, 492–493
 N-methyl-D-aspartate, 493–495
- SWOP. *See* Second window of protection
 (SWOP)
- Synaptic signaling, ischemic tolerance
 AMPA receptors, 344–346
 excitatory transmitters
 amino acid glutamate, 339
 NMDA receptors (*see* N-methyl-D-
 aspartate glutamate receptors)
 inhibitory transmission
 adenosine, 348–349
 GABA, 347
 purines, 348–349
 metabotropic glutamate receptors, 346–347
 postsynaptic mechanisms of tolerance,
 351–352
 presynaptic mechanisms of tolerance,
 349–350
 ubiquitin system, 353–354
- T**
- Takao, 68
- Thrombin preconditioning
 brain edema, 214
 cerebral ischemia, 214–215
 endothelial hyperpermeability, Rho kinase
 and protein tyrosine kinase, 215
 heat shock protein 27, 215–216
 HIF-1 α protein levels, 218
 inflammatory response, brain injury, 214
 PARs, 215
 p44/42 mitogen-activated protein, 216, 217
 primary cultured neurons, OGD, 215, 216
- TNF- α . *See* Tumor necrosis factor- α (TNF- α)
- TNF receptor 1 (TNFR1), 410
- Tolerance
 anoxia, 5
 cerebral ischemic tolerance
 adenosine, 8
 global/focal ischemia, 6, 7
 glutamate, 7–8
 neuroprotective effect, 8
 TIAs, 6

- cross-tolerance, 10
 - fever, 3–4
 - inflammation, 9–10
 - ischemic preconditioning, 11
 - molecular mechanisms, 8–9
 - non-cerebral ischemic tolerance, heart, 5–6
 - remote, 11
 - stem cells, 10–11
 - trauma, 4
 - Toll-like receptors (TLRs), 367–368
 - Torpor
 - blood flow, 38, 39
 - cerebral I/R tolerance, 45
 - euthermia, 40
 - glycogen/oxidative phosphorylation, 44
 - modeled I/R, 40
 - OGD tolerance
 - AGS hippocampus, 43–44
 - attenuated excitotoxicity, 43–44
 - ePKC, 42
 - euthermic AGS, 42, 44
 - global cerebral ischemia, 42
 - HIF-1 α protein, 44
 - intracellular calcium, 41
 - Na⁺/K⁺ATPase downregulation, 41
 - NMDA receptor, 41, 43–44
 - tolerance independent, 41–42
 - Transient ischemic attacks (TIAs), 6
 - ischemic preconditioning, 559–561
 - preconditioning strategy, 568–569
 - Transmitter glutamate, 24
 - Traumatic brain injury (TBI)
 - endocannabinoids
 - AEA and 2-AG levels, 501–502
 - brain function, 500–501
 - CB1 and CB2 receptors, 501
 - CB1 receptor agonists, 503–504
 - D⁹-tetrahydrocannabinol, 500
 - enhancement of, 502
 - neuroprotective mechanism, 512, 513
 - nonneuronal CB2 receptors, 504
 - HACT phenotype (*see* Heat acclimation cross-tolerance (HACT) phenotype)
 - HBO therapy (*see* Hyperbaric oxygen (HBO) therapy)
 - Tricarboxylic acid cycle (TCA), 21
 - Tumor necrosis factor- α (TNF- α), 111, 117–118
 - Turtles
 - brain, 25–26
 - diving behavior, 25
 - metabolic depression
 - adenosine, 27
 - channel arrest, 26
 - cytosolic Ca²⁺, 27
 - electrical activity, 26
 - excitotoxicity, 28
 - GABA levels, 28
 - synaptic activity, 26
 - voltage-gated Na⁺ channels, 27
 - Tyrosine kinases, 56
- U**
- Ubiquitin-proteasome system (UPS), 400
 - Unfolded protein response (UPR), 397
- V**
- Vascular endothelial growth factor (VEGF), 197, 199, 487
- W**
- Wagner-Jauregg, 3
 - Wenwu, 78