



Histochemistry and Cell Biology: 61 years and not tired at all

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Isaac Newton is credited with quipping, “If I have seen further it is by standing on the shoulders of Giants”. This remark, made more than 300 years ago is still relevant for today’s scientists. Certainly, in our field of Histochemistry and Cell Biology, many of the insights we enjoy and techniques we apply in our research are the result of contributions to the literature provided by our scientific forebearers. As Editors of *Histochemistry and Cell Biology*, we are entrusted with maintaining the high quality and continued success of the journal instituted by its founders M. Chèvremont, Liège; H.W. Deane, New York; P.B. Diezel, F. Duspiva and H. Reznik, Heidelberg; O. Eränkö, Helsinki; P. Gedigk and N. Schümmelfelder, Bonn; W. Gössner, Tübingen; W. Graumann, Göttingen; A. G. E. Pearse, London; W. Sandritter, Frankfurt/Main; T.H. Schiebler, Kiel; G. Siebert, Mainz; and M. Wolman, Tel-Hashomer. The list of the international editors represented a virtual list of “Who’s Who” in histochemistry at that time.

Brief history of the journal

The journal has a long and distinguished history in publishing cutting edge research, technical developments, and special topic issues. A perusal of the contents of the early volumes of the journal reveals a cornucopia of developments of the histochemical methods still widely in use today, contributed by eminent scientists such as P. van

Duijn, Leiden; O. Eränkö, Helsinki; P. Gedigk, Bonn; R. Gossrau, Berlin; W. Graumann, Tübingen; L.-I. Larsson, Copenhagen; Z. Lojda, Prague; B. Maurer-Schultze, Würzburg; A.E.F.H. Meijer, Amsterdam; K. Ogawa, Kyoto; A.G.E. Pearse, London; D. Pette, Konstanz; M. van der Ploog, Leiden; H. Puchtler, Augusta, GA; Y. Sano, Kyoto; and L.A. Sternberger, Rochester, NY. Last year, we celebrated the 60th anniversary of the founding of the journal, exemplifying its longevity in a crowded and expanding scientific publishing marketplace. This gave us pause to reflect on the history of the journal, and what it means as an author today to contribute a manuscript to a journal with such a robust scientific pedigree. In 2008, on the occasion of its 50th anniversary, Jürgen Roth, H. Dariush Fahimi, and Detlev Drenckhahn presented an historical overview of the evolution of *Histochemistry and Cell Biology* (Roth et al. 2008) since its inception in 1958 as the “Abteilung Histochemie” (Histochemistry Division) of the “Zeitschrift für Zellforschung und mikroskopische Anatomie” (nowadays *Cell and Tissue Research*). Over the ensuing 60 years, the journal’s name has changed three times, reflecting overall movement in the field and scientific literature in general: (1) in 1964–1965, the journal established itself as an independent entity with concomitant change of name to *Histochemie/Histochemistry/Histochimie*, the three languages reflecting its broad international reach and appeal; (2) in 1974, reflecting the ubiquitous nature of the English language in scientific publications, including those submitted to this journal, the name was changed to *Histochemistry*; and (3) finally, in 1995 under the leadership of Co-Editors-in-Chief Detlev Drenckhahn and Jürgen Roth, the current name *Histochemistry and Cell Biology* was adopted, recognizing the expanding scope of articles to be more inclusive of the rapid advances in basic cell and molecular research (Fig. 1). As Juliet famously remarked in Shakespeare’s play “Romeo and Juliet”, “What’s in a name? That which we call a rose by any other name would smell as sweet”, may be an apt metaphor for the change in the name of our journal over the past 60 years. And, though the name

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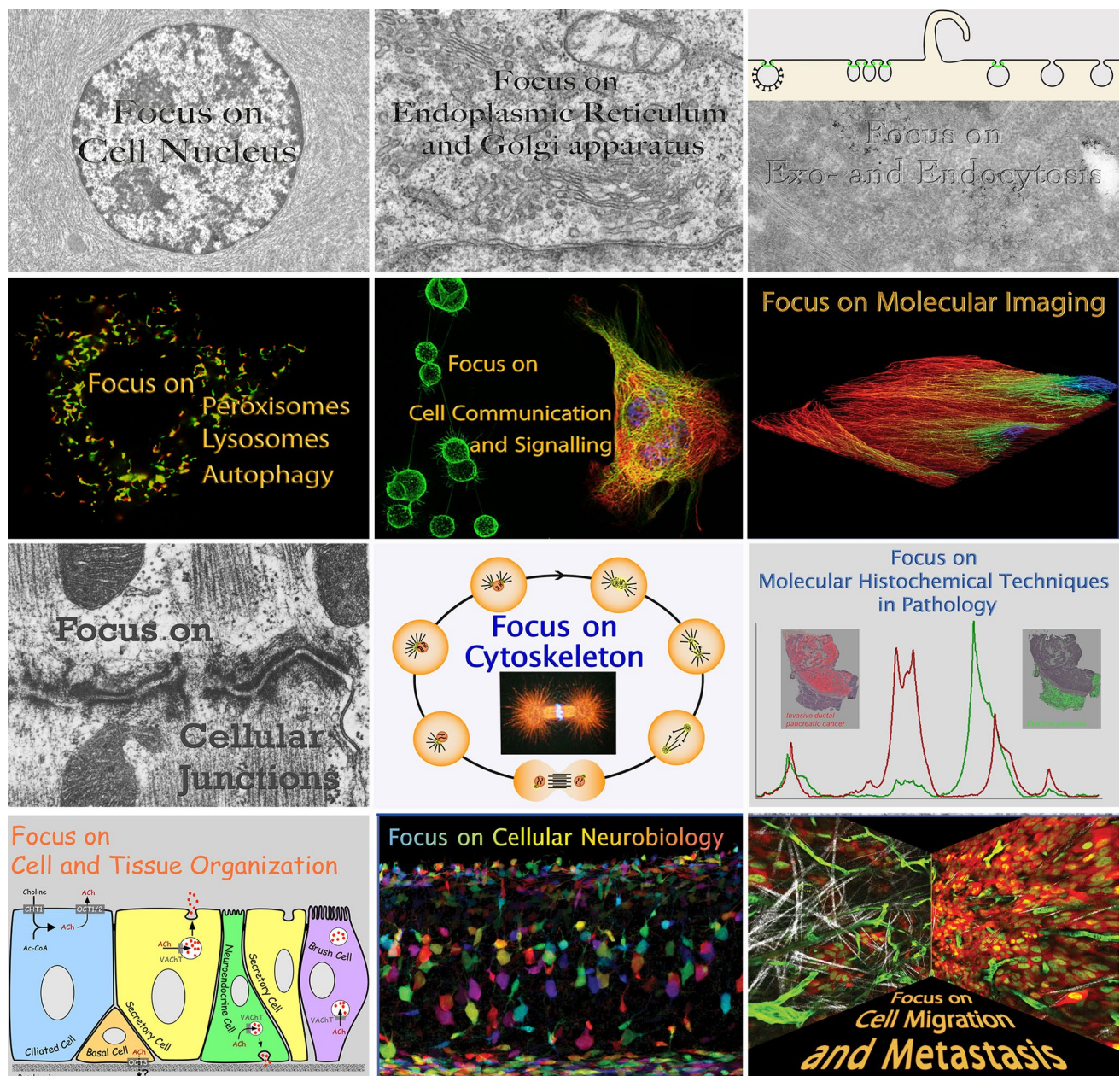


Fig. 1 The collage shows the cover pictures of the 12 issues of *Histochemistry and Cell Biology* published on the occasion of the journal's 50th anniversary in 2008. They illustrate the long and distinguished history of the journal in publishing histochemical methods in the

broadest sense, together with molecular imaging techniques for the localization, identification and characterization of cellular and extra-cellular components as well as metabolic activities under physiological and pathological conditions

may have changed to reflect the growth and maturation of both scientific publishing practices, as well as the science itself, the underlying objectives to publish high-quality manuscripts illustrating technical innovations in histochemistry and their application in original research in cell and molecular sciences have remained steadfast guiding principles.

Official journal of the Society for Histochemistry

In 1992, while the journal was still called *Histochemistry*, Jürgen Roth, as Co-Editor-in-Chief, oversaw the process whereby *Histochemistry* was adopted as the official journal

of the Society for Histochemistry (see Gössner 2002, for a brilliant descriptive history of the Society for Histochemistry). The journal provides a forum for the wide dissemination of information regarding activities of the Society (Höfler and Drukker 1992), including the invitation for scientists to apply for the Robert Feulgen Prize. This strong affiliation between journal and Society remains in place to this day. One of the more tangible results of this affiliation has been the publication of the Society's "Robert Feulgen Lecture". This prestigious international invited lecture honoring Robert Feulgen, the pioneer of DNA histochemistry (Chieco and Derenzini 1999), was first delivered by Olavi Eränkö in 1979, who was followed over the years by numerous notable and internationally recognized scientists (Table 1). In addition to the manuscripts from the Robert Feulgen Lecturers, special individual reviews from the Robert Feulgen Prize recipients have also been published in the journal (Table 2; for a complete list see <http://www.histochemistry.eu>). Moreover, since 2004, five eminent scientists have been selected to present the *Histochemistry and Cell Biology* Lecture at either the Annual Symposium of the Society for Histochemistry, or at the International Congress of Histochemistry and Cytochemistry (Table 3), with their presentations likewise published by the journal.

Journal statistics and benefits for the authors

In addition to publishing special individual manuscripts such as those arising from the Robert Feulgen lectures and Prize presentations, the journal also continues to publish thematic "Special Issues" devoted to a specific technique or well-timed research topics (Table 4 and cover of this issue).

Looking over the last 10 years of the journal, it has been illuminating and gratifying to realize that for manuscripts published between 2008 (the 50th anniversary of the founding of the journal) and 2018 (the 60th anniversary) in *Histochemistry and Cell Biology*, at least 228 have been downloaded over 1000 times from the journal's website. This includes the classical review on human keratins by Roland

Moll's group, with more than 8500 downloads and 571 cites (Moll et al. 2008), a review on single-molecule localization microscopy by Markus Sauer's group (Klein et al. 2014) with more than 4300 downloads and 66 cites, and an introduction to the sugar code by Hans-Joachim Gabius and Jürgen Roth (2017) with about 4100 downloads and 36 cites, as of this writing! For the interested reader, Table 5 provides a more complete list.

Histochemistry and Cell Biology has also been at the forefront of innovations for scientific publishing and author services. In 1995, concomitant with its change of name to the current *Histochemistry and Cell Biology*, the journal announced publishing policies stipulating that (1) manuscripts will be published in full format without arbitrary page limits, and (2) no charge for the first color plate (Drenckhahn and Roth 1995). These policies were expanded in 2001 to include no charges for any color reproduction in all manuscripts. In 2000, the journal Editors announced a new service for authors called "Online First", whereby accepted manuscripts were immediately posted online following receipt of the corrected proofs (Editors 2000). This process resulted in a significant decrease in publication time, with the online posting as the official date of publication, along with an assigned unique "Digital Object Identifier" (DOI) which can then be used to access and cite the manuscript. Another feature for authors introduced by the publisher in 2004 was the option of "Springer Open Choice", allowing immediate free access to the published articles. More recently, the "Transfer Desk" option was introduced to assist authors in finding the most relevant journal amongst Springer Nature's portfolio of over 2500 titles, for disposition of a manuscript determined by the editors to be beyond the scope of *Histochemistry and Cell Biology*.

Therefore, in closing, we cordially invite you to submit your manuscripts to *Histochemistry and Cell Biology*, rich in the knowledge that you will be contributing to a journal with a long-standing history and august reputation in the field.

Table 1 Scientists invited for the Robert Feulgen Lecture

O. Eränkö, Helsinki, Finland
Histochemical observations on the distribution of catecholamines and catecholamine-synthesizing enzymes in the nerve cells and SIF cells of the sympathetic ganglion. Delivered in Gargellen, Austria, 1979
L.A. Sternberger, Rochester, NY, USA
Immunocytochemistry—past, present, future. Delivered in Würzburg, Germany, 1980
G. Pfefferkorn, Münster, Germany
Histochemische Analyse mit Licht - und Elektronenstrahlen (Histochemical analysis by light and electron microscopy). Delivered in Münster, Germany, 1981
W.E. Stumpf, Chapel Hill, NC, USA
Histochemical characteristics and significance of cell receptors in biology and pathology. Delivered in Gargellen, Austria, 1982
A.G.E. Pearse, London, UK
The phylogeny of the diffuse neuroendocrine system. Delivered in Gargellen, Austria, 1983
I.B. Black, New York, NY, USA
Phenotypic plasticity in the nervous system. Delivered in Maastricht, The Netherlands, 1984
K. Weber, Göttingen, Germany
Cytoskeletal proteins: structure, function, pathology. Delivered in Göttingen, Germany, 1985
G.C. Bennett, Montreal, Canada
Radioautographic and cytochemical studies of the synthesis and intracellular transport of glycoproteins. Delivered in Gargellen, Austria, 1986
W.J. Gehring, Basel, Switzerland
The generation of the body plan as studied by in situ hybridization in the developing embryo. Delivered in Basel, Switzerland, 1987
L.-I. Larsson, Copenhagen, Denmark
Cytochemical detection of regulatory peptides and of mRNA molecules coding for peptide precursors. Delivered in Gargellen, Austria, 1988
W.W. Franke, Heidelberg, Germany
The intermediate filament cytoskeleton and its association with other structures. Delivered in Gargellen, Austria, 1989
M.N. Moore, Plymouth, UK
Environmental distress signals: cellular reactions to marine pollution. Delivered in Gargellen, Austria, 1990
J.E. Dumont, Brussels, Belgium
The surface receptors in the model of the thyroid cell. Delivered in Ghent, Belgium, 1991
G. Klein, Stockholm, Sweden
The contribution of oncogenes and tumor suppressor genes to the multistep development of cancer. Delivered in Munich, Germany, 1992
S. Rosen, San Francisco, CA, USA
L-selectin and its endogenous ligands. Delivered in Gargellen, Austria, 1993
M.J. Karnovsky, Boston, MA, USA
Cytochemistry and oxy radicals. Delivered in Heidelberg, Germany, 1994
D. Shotton, Oxford, UK
Electronic light microscopy: Past, present, future. Delivered in Rigi-Kaltbad, Switzerland, 1995
M. Trendelenburg, Heidelberg, Germany
Novel insights into the nucleolar structural complexity and function. Delivered in Gargellen, Austria, 1996
K. Simons, Heidelberg, Germany
Biogenesis of a polarized cell surface in epithelial cells. Delivered in Jena, Germany, 1997
D. Vestweber, Münster, Germany
Molecular mechanisms that control leukocyte extravasation. Delivered in Giessen, Germany, 1998
A. Willie, Cambridge, UK
Apoptosis in the genesis and treatment of cancer. Delivered in Gargellen, Austria, 1999
Jennifer Lippincott-Schwartz, Bethesda, MD, USA
Cell cycle maintenance and biogenesis of the Golgi complex. Delivered in Les Diablerets, Switzerland, 2000
R.G.W. Anderson, Dallas, TX, USA
Caveolae spatially organize signal transduction at the cell surface. Delivered in Vienna, Austria, 2001
T. Misteli, Bethesda, MD, USA
New views of the cell: Genomics, proteomics and dynamic networks. Delivered in Vlissingen, The Netherlands, 2002
A. Engel, Basel, Switzerland
Structure and function of membrane channels. Delivered in Les Diablerets, Switzerland, 2003

Table 1 (continued)

S. Fakan, Lausanne, Switzerland	The functional architecture of the nucleus as analyzed by ultrastructural cytochemistry. Delivered in Prague, Czech Republic, 2004
M. Dahan, Paris, France	From analog to digital: exploring cell dynamics with single quantum dots. Delivered in Noordwijkerhout, The Netherlands, 2005
Danièle Hernandez-Verdun, Paris, France	The nucleolus: a model for the organization of nuclear functions. Delivered in Stresa, Lake Maggiore, Italy, 2006
M. Frotscher, Freiburg, Germany	New ways of looking at synapses. Delivered in Freiburg i.Br., Germany, 2007
K. Takata, Maebashi, Japan	Localization and trafficking of aquaporin 2 in the kidney. Delivered in Interlaken, Switzerland, 2008
P.J. Peters, Amsterdam, The Netherlands	Cellular organelles as nanomachines. Delivered in Fulpmes, Austria, 2009
S.W. Hell, Göttingen, Germany	Super resolution microscopy. Delivered in Prague, Czech Republic, 2010
R.M. Caprioli, Nashville, TN, USA	Molecular imaging of tissue sections by mass spectrometry: Providing information beyond the microscope. Delivered in Munich, Germany, 2011
Marianne Bronner, Pasadena, CA, USA	Regulatory analysis and imaging of neural crest formation and migration. Delivered in Vienna, Austria, 2012
R.D. Goldman, Chicago, IL, USA	Intermediate filaments: Rare diseases provide insights into their cytoskeletal and nucleoskeletal functions. Delivered in Prague, Czech Republic, 2013
R. Heeren, Amsterdam, The Netherlands	Molecular scales: Imaging signals of disease with mass spectrometry. Delivered in Prague, Czech Republic, 2014
Wendy Bickmore, Edinburgh, UK	Transcription, chromatin structure and nuclear organisation: cause and consequence. Delivered in Vienna, Austria, 2015
T. Alexandrov, Heidelberg, Germany	Metabolite imaging enabled by mass spectrometry and big data analytics. Delivered in Prague, Czech Republic, 2017
C. Cremer, Mainz, Germany	Nuclear genome nanostructure imaging at single molecule resolution. Delivered in Prague, Czech Republic, 2018

This is an updated list based on Gössner (2002)

Table 2 Reviews published by Robert Feulgen Prize recipients

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- C.R. Green, N.J. Severs, London, UK
Distribution and role of gap junctions in normal myocardium and human ischaemic heart disease. (Green and Severs 1993)
- J.L. Carpentier, Geneva, Switzerland
The journey of the insulin receptor into the cell: from cellular biology to pathophysiology. (Carpentier 1993)
- J. Oberdick, Columbus, OH, USA
Evidence for a genetically encoded map of functional development in the cerebellum. (Oberdick 1994)
- M. Thiry, Liège, Belgium
New approaches to in situ detection of nucleic acids. (Thiry 1995)
- R.W. Dirks, Leiden, The Netherlands
RNA molecules lighting up under the microscope. (Dirks 1996)
- Eveline Baumgart, Heidelberg, Germany
Application of in situ hybridization, cytochemical and immunocytochemical techniques for the investigation of peroxisomes. A review including novel data. (Baumgart 1997)
- E.J. Speel, Zürich, Switzerland
Detection and amplification systems for sensitive, multiple-target DNA and RNA in situ hybridization: looking inside cells with a spectrum of colors. (Speel 1999)
- K. König, Jena, Germany
Laser tweezers and multiphoton microscopes in life sciences. (König 2000)
- Jennifer Lippincott-Schwartz, Bethesda, MD, USA
The secretory membrane system studied in real-time. (Lippincott-Schwartz 2001)
- J. Priller, Berlin, Germany
Grenzgänger: adult bone marrow cells populate the brain. (Priller 2003)
- T. Misgeld, Cambridge, MA, USA
Death of an axon: studying axon loss in development and disease. (Misgeld 2005)
- M. Nilsson, Uppsala, Sweden
Lock and roll: single-molecule genotyping in situ using padlock probes and rolling-circle amplification. (Nilsson 2006)
- Ana Pombo, London, UK
Advances in imaging the interphase nucleus using thin cryosections. (Pombo 2007)
- B.M. Giepmans, Groningen, The Netherlands
Bridging fluorescence microscopy and electron microscopy. (Giepmans 2008)
- P.F. Lenne, Marseille, France
Probing cell-surface dynamics and mechanics at different scales. (Lenne 2009)
- Heidi de Wit, Amsterdam, The Netherlands
Morphological docking of secretory vesicles. (de Wit 2010)
- A. Römpf, Giessen, Germany
Mass spectrometry imaging with high resolution in mass and space. (Römpf and Spengler 2013)
- Y. Shav-Tal, Ramat Gan, Israel
Zooming in on single active genes in living mammalian cells. (Yunger et al. 2013)
- T. Misteli, Bethesda, MD, USA
Deep imaging: the next frontier in microscopy. (Roukos and Misteli 2014)
- H. Kimura, Yokohama, Japan
Visualizing posttranslational and epigenetic modifications of endogenous proteins in vivo. (Kimura et al. 2015)
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Table 3 Scientists selected for the *Histochemistry and Cell Biology* Lecture

P. Friedl, University of Würzburg, Germany Dynamic Imaging of Cellular Interactions with Extracellular Matrix Delivered at the 12th International Congress of Histochemistry and Cytochemistry, La Jolla, CA, USA, 2004 (Friedl 2004)
W. Baumeister, Max Planck Institute for Biochemistry, Martinsried, Germany Cryo-Electron Tomography of Cells: Connecting Structure and Function Delivered at the 50th Symposium of the Society for Histochemistry, Interlaken, Switzerland, 2008 (Lucic et al. 2008)
S. Yokota, Nagasaki International University, Nagasaki, Japan Nuage Proteins: their Localization in Subcellular Structures of Spermatogenic Cells as Revealed by Immunoelectron Microscopy Delivered at the 14th International Congress of Histochemistry and Cytochemistry, Kyoto, Japan, 2012 (Yokota 2012)
A. Luni, Consiglio Nazionale Delle Ricerche and Telethon Institute for Genetics and Medicine, Naples, Italy Correlative Video-Light-Electron Microscopy: Development, Impact and Perspectives Delivered at the 56th Symposium of the Society for Histochemistry, Prague, Czech Republic, 2014 (Rizzo et al. 2014)
M. Sauer, University of Würzburg, Würzburg, Germany Artifacts in Single-Molecule Localization Microscopy Delivered at the 57th Symposium of the Society for Histochemistry, Vienna, Austria, 2015 (Burgert et al. 2015)

Table 4 Special Issues published by *Histochemistry and Cell Biology*

25 Years of Colloidal Gold Labeling Editor: J. Roth, Zurich, Switzerland Volume 106, issue 1, 1996
In Situ Hybridization and Related Techniques Editors: H. Höfler, Munich, Germany and A.K. Raap, Leiden, The Netherlands Volume 108, issues 4 and 5, 1997
Centennial of the Golgi Apparatus Editors: Margit Pavelka, Vienna, Austria and D.J. Morré, West Lafayette, IN, USA Volume 109, issues 5 and 6, 1998
Histochemistry in Gene Technology Editors: F.T. Bosman, Lausanne and J. Roth, Zurich, Switzerland Volume 115, issue 1, 2001
Secretion, Endocytosis, Quality Control Editors: Margit Pavelka, Vienna, Austria and J. Roth, Zurich, Switzerland Volume 117, issue 2, 2002
Active Oxygen and Nitrogen Species in Biology Editors: J.M. Robinson, Columbus, OH, USA, H. Seguchi, Kochi, Japan and J.A. Badwey, Boston, MA, USA Volume 122, issue 4, 2004
Functional Structure of the Cell Nucleus Editors: P. Hozák, Prague, Czech Republic and S. Fakan, Lausanne, Switzerland Volume 125, issues 1 and 2, 2006
In Focus: Intermediate Filaments Editors: P. Hozák, Prague, Czech Republic, P. Debbage, Innsbruck, Austria and J. Roth, Zurich, Switzerland Volume 140, issue 1, 2013
In Focus: Golgi Apparatus Editors: Margit Pavelka, Vienna, Austria and J. Roth, Zurich, Switzerland Volume 140, issues 3 and 4, 2013
In Focus: Single-Molecule Super-Resolution Microscopy Editors: M. Heilemann, Frankfurt a.M., Germany and J. Roth, Zurich, Switzerland Volume 141, issue 6 and volume 142, issue 1, 2014
In Focus: The Cell Nucleus Editors: Klara Weipoltshammer and Ch. Schöfer, Vienna, Austria Volume 145, issue 4, 2016
In Focus: From Cell Biology to Tissue Structure and Function Editor: Esther Asan, Würzburg, Germany Volume 146, issue 6, 2016
In Focus: The Sugar Code Editors: H.-J. Gabius, Munich, Germany and J. Roth, Zurich, Switzerland Volume 147, issue 2, 2017
In Focus: Hard Tissue Biology Editors N. Amizuka, Sapporo and S. Kitazawa, Toon, Japan Volume: 149, issue 4, 2018

Table 5 Article impact assessed as number of pdf downloads and citations (*n*)

<i>n</i>	Article
8500/571	Moll et al.: The human keratins: biology and pathology. (Moll et al. 2008)
6600/170	Römpp and Spengler: Mass spectrometry imaging with high resolution in mass and space. (Römpp and Spengler 2013)
5400/233	Lorusso and Rüegg: The tumor microenvironment and its contribution to tumor evolution toward metastasis. (Lorusso and Rüegg 2008)
5100/97	Satir and Christensen: Structure and function of mammalian cilia. (Satir and Christensen 2008)
5000/190	Walch et al.: MALDI imaging mass spectrometry for direct tissue analysis: a new frontier for molecular histology. (Walch et al. 2008)
4900/272	Förster: Tight junctions and the modulation of barrier function in disease. (Förster 2008)
4800/59	Baratta et al.: Cellular organization of normal mouse liver: a histological, quantitative immunocytochemical, and fine structural analysis. (Baratta et al. 2009)
4500/39	Vidak and Foisner: Molecular insights into the premature aging disease progeria. (Vidak and Foisner 2016)
4300/66	Klein et al.: Eight years of single-molecule localization microscopy. (Klein et al. 2014)
4100/36	Gabius and Roth: An introduction to the sugar code. (Gabius and Roth 2017)
4100/197	Zimmermann and Dours-Zimmermann: Extracellular matrix of the central nervous system: from neglect to challenge. (Zimmermann and Dours-Zimmermann 2008)
3900/33	Robertson et al.: Use of labeled tomato lectin for imaging vascular structures. (Robertson et al. 2015)
3800/140	Debbage and Jaschke: Molecular imaging with nanoparticles: giant roles for dwarf actors. (Debbage and Jaschke 2008; Thurner and Debbage 2018)
3200/122	Studer et al.: Electron microscopy of high pressure frozen samples: bridging the gap between cellular ultrastructure and atomic resolution. (Studer et al. 2008)
3100/204	Fujimoto et al.: Lipid droplets: a classical organelle with new outfits. (Fujimoto et al. 2008)
3100/6	Galvagni et al.: An apical actin-rich domain drives the establishment of cell polarity during cell adhesion. (Galvagni et al. 2012)
3100/24	Kolesová et al.: Comparison of different tissue clearing methods and 3D imaging techniques for visualization of GFP-expressing mouse embryos and embryonic hearts. (Kolesová et al. 2016)
3100/42	Ohsaki et al.: A pitfall in using BODIPY dyes to label lipid droplets for fluorescence microscopy. (Ohsaki et al. 2010)
3000/43	Deschout et al.: Progress in quantitative single molecule localization microscopy. (Deschout et al. 2014)
3000/98	Schrader and Fahimi: The peroxisome: still a mysterious organelle. (Schrader and Fahimi 2008; Islinger et al. 2018)
3000/212	Sirri et al.: Nucleolus: the fascinating nuclear body. (Sirri et al. 2008)
2700/45	Castañón et al.: Plectin-intermediate filament partnership in skin, skeletal muscle, and peripheral nerve. (Castañón et al. 2013)
2700/60	Giepmans: Bridging fluorescence microscopy and electron microscopy. (Giepmans 2008)
2700/37	Corfield: Eukaryotic protein glycosylation: a primer for histochemists and cell biologists. (Corfield 2017)
2700/98	Deryugina and Quigley: Chick embryo chorioallantoic membrane model system to study and visualize human tumor cell metastasis. (Deryugina and Quigley 2008)
2700/79	Marks et al.: Use of bodipy-labeled sphingolipid and cholesterol analogs to examine membrane microdomains in cells. (Marks et al. 2008)
2600/68	Endesfelder et al.: A simple method to estimate the average localization precision of a single-molecule localization microscopy experiment. (Endesfelder et al. 2014)
2500/39	Bhide and Colley: Sialylation of N-glycans: mechanism, cellular compartmentalization and function. (Bhide and Colley 2017)
2500/89	Bosma et al.: The lipid droplet coat protein perilipin 5 also localizes to muscle mitochondria. (Bosma et al. 2012)
2500/21	Kimura et al.: Visualizing posttranslational and epigenetic modifications of endogenous proteins in vivo. (Kimura et al. 2015)
2500 /101	Waschke: The desmosome and pemphigus. (Waschke 2008)
2500/28	Yusuf and Brand-Saberi: Myogenesis and muscle regeneration. (Yusuf and Brand-Saberi 2012)

Manuscripts published between 2008 and 2018. Threshold number of pdf downloads ≥ 2500 as per April 2019

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