Angelo Ravelli, MD

Handbook of Juvenile Idiopathic Arthritis

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To Laura, Giovanni, and Serena

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Author biography

Angelo Ravelli, MD, is Associate Professor of Pediatrics at the University of Genoa and Giannina Gaslini Institute, Genoa, Italy. He obtained his medical degree and specialty in Pediatrics, Allergy, and Clinical Immunology at the University of Pavia, Italy. He is also Chief of the Rheumatology Center at the Istituto Giannina Gaslini, Genoa, Italy. His field of clinical and research activity focuses on pediatric rheumatology. He has received numerous grants and awards, including the Gerolamo Gaslini Prize for Excellence in Research in 2004 and a grant from the American College of Rheumatology (ACR) and European League Against Rheumatism (EULAR) to develop the classification criteria for macrophage activation syndrome in systemic juvenile idiopathic arthritis. Professor Ravelli is Associate Editor of *Pediatric Rheumatology Online Journal*, Assistant Editor of *Clinical and Experimental Rheumatology*, and serves or has served on the Editorial Board of *The Journal of Rheumatology*, *Arthritis Care & Research*, and *RMD Open*. He is also a member of the Executive Committee of the Foundation for Research in Rheumatology (FOREUM). Professor Ravelli was the chairman of the International Consensus Conference, which led to the development of the classification criteria for macrophage activation syndrome in systemic juvenile idiopathic arthritis (Genoa, Italy, 21–22 March 2014). Professor Ravelli has been invited to speak at more than 200 national and international meetings, and is author or co-author of more than 250 full-length articles in international scientific journals and of more than 15 book chapters. His current Google Scholar h-index is 59.

Abbreviations

ACR	American College of Rheumatology
AE	Adverse events
ANA	Antinuclear antibodies
AS	Ankylosing spondylitis
ASCT	Autologous stem cell transplantation
ATG	Anti-thymocyte globulin
BC	Baker cyst
BSPAR	British Society for Paediatric and Adolescent Rheumatology
CACP	Camptodactily-arthritis-coxa vara-pericarditis syndrome
CARRA	Childhood Arthritis and Rheumatology Research Alliance
CCL5	Chemokine ligand 5
CCP	Cyclic citrullinated peptide
CHAQ	Childhood Health Assessment Questionnaire
cJADAS	Clinical JADAS
COX	Cyclo-oxygenase
CRP	C-reactive protein
CSA	Cyclosporin A
DCE-MRI	Dynamic contrast enhanced MRI
DMARD	Disease-modifying anti-rheumatic drugs
ERA	Enthesitis-related arthritis
ESR	Erythrocyte sedimentation rate
ETN	Etanercept
EULAR	European League Against Rheumatism
FC	Femoral condyle
FHLH	Familial HLH
GM	Gastrocnemius muscle
GWA	Genome-wide association
HLA	Human leukocyte antigen

HLH	Hemophagocytic lymphohistiocytosis
HRQoL	Health-related quality of life
hsCRP	High sensitivity CRP
IACI	Intra-articular corticosteroid injection
IGF-1	Insulin-like growth factor 1
IL	Interleukin
IL-1RA	IL-1-receptor antagonist
ILAR	International League of Associations for Rheumatology
IRF5	Interferon regulatory factor 5
JADAS	Juvenile Arthritis Disease Activity Score
JAMAR	Juvenile Arthritis Multidimensional Assessment Report
JAPAI	Juvenile Arthritis Parent Assessment Index
JCA	Juvenile chronic arthritis
JIA	Juvenile idiopathic arthritis
JRA	Juvenile rheumatoid arthritis
JSpADA	Juvenile Spondyloarthritis Disease Activity Index
MAS	Macrophage activation syndrome
MMP-3	Matrix metalloproteinase-3
MP	Methylprednisolone acetate
MRI	Magnetic resonance imaging
MRP	Myeloid-related protein
MTX	Methotrexate
NK	Natural killer
NSAID	Non-steroidal anti-inflammatory drug
PCROs	Parent- and child-reported outcomes
PDN	Prednisone
PRCSG	Pediatric Rheumatology Collaborative Study Group
PRES	Paediatric Rheumatology European Society
PRINTO	Pediatric Rheumatology International Trials Organization
RA	Rheumatoid arthritis
RF	Rheumatoid factor
SAEs	Serious adverse events

sCD163	Soluble CD163
SEA	Seronegative enthesitis and arthritis syndrome
sIL-2Rα	Soluble interleukin-2 receptor α
SNP	Single nucleotide polymorphism
SUN	Standardization of Uveitis Nomenclature
TH	Triamcinolone hexacetonide
TLR	Toll-like receptor
TMJ	Temporomandibular joint
TNF	Tumor necrosis factor
VAS	Visual analog scale