Contributors

CONSULTING EDITOR

MICHAEL H. WEISMAN, MD

Professor of Medicine, Emeritus, Division of Rheumatology, Cedars-Sinai Medical Center, Distinguished Professor of Medicine, Emeritus, David Geffen School of Medicine at University of California, Los Angeles, California, USA

EDITORS

XENOFON BARALIAKOS, MD

Associate Professor, Rheumatology, Rheumazentrum Ruhrgebiet Herne, Ruhr-University Bochum, Germany

MICHAEL H. WEISMAN, MD

Professor of Medicine, Emeritus, Division of Rheumatology, Cedars-Sinai Medical Center, Distinguished Professor of Medicine, Emeritus, David Geffen School of Medicine at University of California, Los Angeles, California, USA

AUTHORS

KRYSTEL AOUAD, MD

Rheumatology Department, Saint-Joseph University, Hotel-Dieu de France Hospital, Beirut, Lebanon

ADAM BERLINBERG, MD

Rheumatology Fellow, Division of Rheumatology, University of Colorado School of Medicine, Aurora, Colorado, USA

PAUL BIRD, PhD, GradDipMRI, FRACP

Associate Professor, University of New South Wales, Randwick, New South Wales, Australia

ANNELIES BOONEN, MD, PhD

Division of Rheumatology, Department of Internal Medicine, Maastricht University Medical Centre (MUMC+), Maastricht and Care and Public Health Research Institute, Maastricht University, Maastricht, The Netherlands

PHILIPPE CARRON, MD, PhD

Rheumatology Department, Ghent University Hospital, VIB Center of Inflammation Research, Ghent, Belgium

MIN CHEN, MD

Department of Radiology, Ghent University Hospital, Ghent, Belgium

FRANCESCO CICCIA, MD, PhD

Division of Rheumatology, Department of Precision Medicine, University of Campania "Luigi Vanvitelli," Napoli, Italy

ANN-SOPHIE DE CRAEMER, MD

Rheumatology Department, Ghent University Hospital, VIB Center of Inflammation Research, Ghent, Belgium

MANOUK DE HOOGE, PhD

Post-Doc Scientist, Department of Rheumatology, Ghent University Hospital, VIB Center of Inflammation Research, Ghent University, Ghent, Belgium

MARÍA PAZ POBLETE DE LA FUENTE, MD

Medicine Faculty Clínica Alemana de Santiago, Universidad del Desarrollo, Santiago, Chile; Internal Medicine Department, Padre Hurtado Hospital, San Ramón, Santiago, Chile

MAUREEN DUBREUIL, MD, MSc

Assistant Professor, Section of Rheumatology, Boston University School of Medicine, Boston, Massachusetts, USA

EMILIE DUMAS, PhD

Faculty of Medicine and Health Sciences, Department of Internal Medicine and Pediatrics (Rheumatology Unit), Ghent University, Molecular Immunology and Inflammation Unit, VIB Center of Inflammatory Research, Ghent, Belgium

DIRK ELEWAUT, MD, PhD

Faculty of Medicine and Health Sciences, Department of Internal Medicine and Pediatrics (Rheumatology Unit), Ghent University, Molecular Immunology and Inflammation Unit, VIB Center of Inflammatory Research, Ghent, Belgium

JOERG ERMANN, MD

Division of Rheumatology, Inflammation and Immunity, Brigham and Women's Hospital, Boston, MA, USA

HANNA FAHED, MD

Department of Rheumatology, Saint-Joseph University, Hôtel-Dieu de France Hospital, Beirut, Lebanon

RHYS J. HAYWARD, BSc (Hons)

Department of Rheumatology, Northwick Park Hospital, London North West University Healthcare NHS Trust, London, United Kingdom; Rheumatology Department, Northwick Park Hospital, Harrow, Middlesex, United Kingdom

SEBASTIÁN EDUARDO IBÁÑEZ VODNIZZA. MD

Rheumatology Department, Clínica Alemana de Santiago, Chile; Rheumatology Department, Padre Hurtado Hospital, Medicine Faculty Clínica Alemana de Santiago, Universidad del Desarrollo, Santiago, Chile

LENNART JANS, MD, PhD

Professor, Department of Radiology, Ghent University Hospital, Ghent, Belgium

DAVID KIEFER, MD

Rheumazentrum Ruhrgebiet, Herne, Ruhr-University Bochum, Herne, Germany

UTA KILTZ. MD

Rheumazentrum Ruhrgebiet, Herne, Ruhr-University Bochum, Herne, Germany

KRISTINE A. KUHN, MD, PhD

Assistant Professor of Medicine, Division of Rheumatology, University of Colorado School of Medicine, Aurora, Colorado, USA

JEAN W. LIEW, MD

Acting Instructor/Senior Fellow, Division of Rheumatology, Department of Medicine, University of Washington, Seattle, Washington, USA

PEDRO M. MACHADO, MD, PhD

Department of Rheumatology, Northwick Park Hospital, London North West University Healthcare NHS Trust, Department of Rheumatology, University College London Hospitals NHS Foundation Trust, Department of Neuromuscular Diseases, Centre for Rheumatology, University College London, London, United Kingdom

SINEAD MAGUIRE, MB, BCh, BAO, LRCSI, MRCPI

Department of Rheumatology, St James' Hospital, Ushers Quay, Dublin, Ireland

HELENA MARZO-ORTEGA, MD, PhD

NIHR Leeds Biomedical Research Centre, Leeds Teaching Hospitals NHS Trust, Leeds Institute of Rheumatic and Musculoskeletal Medicine, University of Leeds, Chapel Allerton Hospital, Leeds, United Kingdom

DANIELE MAURO, MD, PhD

Division of Rheumatology, Department of Precision Medicine, University of Campania "Luigi Vanvitelli," Napoli, Italy

XABIER MICHELENA, MD

NIHR Leeds Biomedical Research Centre, Leeds Teaching Hospitals NHS Trust, Leeds Institute of Rheumatic and Musculoskeletal Medicine, University of Leeds, Chapel Allerton Hospital, Leeds, United Kingdom; Hospital Universitari de Bellvitge-IDIBELL, Hospitalet de Llobregat, Barcelona, Spain

FINBAR O'SHEA, MB, BCh, BAO

Department of Rheumatology, St James' Hospital, Ushers Quay, Dublin, Ireland

ELISA CATALINA PARRA CANCINO, MD

Medicine Faculty Clínica Alemana de Santiago, Universidad del Desarrollo, Santiago, Chile; Gastroenterology Department, Clínica Alemana de Santiago, Chile; Gastroenterology Department, Padre Hurtado Hospital, San Ramón, Santiago, Chile

DENIS PODDUBNYY, MD, MSc (Epi)

Department of Gastroenterology, Infectious Diseases and Rheumatology, Charité—Universitätsmedizin Berlin, German Rheumatism Research Centre, Berlin, Germany

JAMES T. ROSENBAUM, MD

Oregon Health & Science University, Legacy Devers Eye Institute, Portland, Oregon, USA

JOHANNES ROTH, MD, PhD, FRCPC, RhMSUS

Chief, Division of Pediatric Dermatology and Rheumatology, Children's Hospital of Eastern Ontario, Professor of Pediatrics, University of Ottawa, Ottawa, Ontario, Canada

LISA SEE, BA

The International Women's Forum of Southern California, Los Angeles, California; PEN America, PEN Center, New York, USA

RAJ SENGUPTA, MD

Royal National Hospital for Rheumatic Diseases, Royal United Hospitals, Bath, United Kingdom

RIANNE E. VAN BENTUM, MD

Department of Rheumatology, Amsterdam University Medical Centre - Location VU University Medical Centre, Amsterdam, The Netherlands

IRENE E. VAN DER HORST-BRUINSMA, MD, PhD

Professor, Department of Rheumatology, Amsterdam University Medical Centre - Location VU University Medical Centre, Amsterdam, The Netherlands

KOEN VENKEN, PhD

Faculty of Medicine and Health Sciences, Department of Internal Medicine and Pediatrics (Rheumatology Unit), Ghent University, Molecular Immunology and Inflammation Unit, VIB Center of Inflammatory Research, Ghent, Belgium

PAMELA F. WEISS. MD. MSCE

Associate Professor of Epidemiology and Pediatrics, Perelman School of Medicine UPENN, Attending and Clinical Research Director, Division of Rheumatology, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania, USA

DIETER WIEK

NELLY R. ZIADE, MD, MPH, PhD, FRCP

Department of Rheumatology, Saint-Joseph University, Hôtel-Dieu de France Hospital, Beirut, Lebanon