

CONTRIBUTORS

Sumaira Z. Aasi, MD

Associate Professor, Department of Dermatology, Yale University, New Haven, CT [242]

Chris Adigun, MD

Physician (PGY-3), Department of Dermatology, UNC-Chapel Hill, Chapel Hill, NC [174]

Olga K. Afanasiev, BA

Department of Dermatology, University of Washington School of Medicine, Seattle, WA [120]

Nnenna Agim, MD

Assistant Professor, Department of Dermatology, University of Texas Southwestern Medical Center at Dallas, Dallas, TX [142]

Ammar Ahmed, MD

Resident Physician, Department of Dermatology, University of Texas Southwestern Medical Center, Dallas, TX [191]

Murad Alam, MD, MSci

Associate Professor, Departments of Dermatology, Otolaryngology, and Surgery, Feinberg School of Medicine, Northwestern University, Chicago, IL [127]

Joseph Alcalay, MD

Director, Mohs Surgery Unit, Assuta Medical Center, Tel Aviv, Israel [244]

Ronen Alkalay, MD, MBA

Mohs Unit, Assuta Medical Hospital, Tel Aviv, Israel [244]

Tina S. Alster, MD

Director, Laser Surgery, Washington Institute of Dermatologic Laser Surgery, Washington, DC [251]

Antoine Amado, MD

Resident in Dermatology, Dermatology and Plastic Surgery Institute, Cleveland Clinic, Cleveland, OH [48]

Elliot J. Androphy, MD

Department chair Dermatology at Indiana University School of Medicine Indianapolis, IN [196]

Grant J. Anhalt, MD

Professor, Department of Dermatology and Pathology, Johns Hopkins University School of Medicine, Baltimore, MD [55]

Jack L. Arbiser, MD, PhD

Professor, Department of Dermatology, Emory University School of Medicine, Atlanta, GA [235]

Roberto Arenas, MD

Professor, Department of Dermatology, University of Mexico, Mexico, DF [185]

Iris K. Aronson, MD

Associate Professor, Department of Dermatology, University of Illinois College of Medicine, Chicago, IL [70]

Daniel Asz-Sigall, MD

Resident, Dermatology, Cutaneous Oncology and Dermatologic Surgery, Department of Dermatology, ABC Hospital, Mexico City, Mexico [185]

Monique Aumailley

Professor, Center for Biochemistry, Cologne, Germany [63]

Wolfgang Bäuml, PhD

Professor, Department of Dermatology, University of Regensburg, Germany [239]

Ruba F. Bahhady, MD

Resident (PGY-4), Department of Dermatology, American University of Beirut Medical Center, Beirut, Lebanon [204]

Evans C. Bailey, MD, PhD

Lecturer, Department of Dermatology, University of Michigan, Ann Arbor, MI [124]

Christine Bangert, MD

Department of Dermatology, Medical University of Vienna, Vienna, Austria [10]

Robert Baran, MD

Honorary Professor, Department of Dermatology, Nail Disease Center, Cannes, France [245]

Leslie Baumann, MD

Chief Executive Officer, Cosmetic Dermatology, Baumann Cosmetic and Research Institute, Miami Beach, FL [250]

Lisa A. Beck, MD

Associate Professor of Dermatology and Medicine, Department of Dermatology and Medicine, University of Rochester School of Medicine, Rochester, NY [31]

Michael H. Beck, FRCP, MBChB

Honorary Clinical Lecturer, Occupational and Environmental Health Group, University of Manchester, Manchester, UK [96, 97]

Jürgen C. Becker, MD, PhD

Professor, Division of General Dermatology, Medical University of Graz, Graz, Austria [125]

Leah T. Belazarian, MD

Assistant Professor of Medicine and Pediatrics, Department of Medicine, Division of Dermatology, University of Massachusetts Medical School, Worcester, MA [192]

Donald V. Belsito, MD

Clinical Professor, Medicine (Dermatology), University of Missouri, Kansas City, MO [17]

Paul X. Benedetto, MD

Resident Physician, Department of Dermatology, Cleveland Clinic Foundation, Cleveland, OH [212]

Richard G. Bennett, MD

Clinical Professor, Dermatology, University of Southern California, Los Angeles, CA [247]

Timothy G. Berger, MD

Professor, Department of Dermatology, University of California, San Francisco, San Francisco, CA [182]

Paul R. Bergstresser, MD

Professor, Department of Dermatology, University of Texas Southwestern Medical Center, Dallas, TX [91]

Jeffrey D. Bernhard, MD, FRCP (Edin)

Professor Emeritus, University of Massachusetts Medical School, Worcester, MA [5]

Ricardo L. Berrios, MD

Post-Doctoral Fellow, Department of Dermatology, School of Medicine, Emory University, Atlanta, GA [235]

Marc Beyer, MD

Department of Dermatology and Allergy, Charité Universitätsmedizin Berlin, Berlin, Germany [145]

Jag Bhawan, MD

Professor, Department of Dermatology and Pathology, Boston University School of Medicine, Boston, MA [187]

David R. Bickers, MD

Carl Trueman Nelson Professor, Department of Dermatology, Columbia University Medical Center, New York, NY [132]

Michael Bigby, MD

Associate Professor, Department of Dermatology, Harvard Medical School, Boston, MA [2]

Stanca A. Birlea, MD, PhD

Instructor, Dermatology and Human Medical Genetics Program, School of Medicine, University of Colorado Denver, Aurora, CO [74]

Carol M. Black, MD, FRCP, FMedSci

Professor, Centre for Rheumatology, University College London, London, UK [157]

Andrew Blauvelt, MD

Professor, Department of Dermatology, Oregon Health & Science University, Portland, OR [29, 42]

Mark Boguniewicz, MD

Professor, Department of Pediatrics, Division of Allergy-Immunology, National Jewish Health, Denver, CO [14]

Mark W. Bonner, MD

Georgia Dermatology
Warner Robins, GA [218]

Michael Y. Bonner, BA

Research Associate, Department of Dermatology, School of Medicine, Emory University, Atlanta, GA [235]

Laurence M. Boon, MD, PhD

Center for Vascular Anomalies
Division of Plastic Surgery St Luc University Hospital, Brussels, Belgium [172]

Barbara Boone, MD, PhD

Dermatologist, Ghent University Hospital, Ghent, Belgium [75]

Vladimir Botchkarev, MD, PhD

Professor, Centre for Skin Sciences, University of Bradford and Bradford, UK [86]

Gerald S. Braun, MD

Department of Nephrology and Clinical Immunology, University Hospital, RWTH University of Aachen, Aachen, Germany [169]

Francisco G. Bravo, MD

Associate Professor, Department of Pathology, Universidad Peruana Cayetano Heredia, Lima, Peru [182, 185]

Alanna F. Bree, MD

Pediatric Dermatologist, Dermatology Specialists of Houston, Bellaire, TX [142]

Thomas Brenn, MD, PhD, FRCPATH

Consultant Dermatopathologist, Department of Pathology, Western General Hospital, Edinburgh, UK [129]

Lieve Brochez, MD, PhD

Professor, Department of Dermatology, Ghent University Hospital, Ghent, Belgium [75]

Robert T. Brodell, MD

Professor of Internal Medicine and Clinical Professor of Dermatopathology in Pathology, Department of Internal Medicine and Pathology, Northeastern Ohio Universities College of Medicine and Pharmacy, Rootstown, OH [68]

Katherine L. Brown, MD, MPH

Dermatology Resident, Department of Dermatology, Boston University, Boston, MA [9]

Daniela Bruch-Gerharz, MD

Professor, Department of Dermatology, University Hospital of Düsseldorf, Düsseldorf, Germany [24]

Leena Bruckner-Tuderman, MD

Professor, Department of Dermatology, University Medical Center Freiburg, Freiburg, Germany [53]

Lucinda S. Buescher, MD

Associate Professor, Division of Dermatology, Southern Illinois University, Springfield, IL [153]

Christopher B. Bunker, MD, FRCP

Professor, Department of Dermatology, University College London Hospitals, London, UK [77]

Walter H.C. Burgdorf, MD

Lecturer, Department of Dermatology, Ludwig Maximilian University, Munich, Germany [43]

Susan Burge, OBE DM FRCP

Consultant Dermatologist, Oxford University Hospitals, Oxford, UK [51]

Susan Burgin, MD

Assistant Professor, Department of Dermatology, Harvard Medical School, Boston, MA [15]

Craig G. Burkhart, MD, MPH

Clinical Professor, Department of Medicine, College of Medicine, University of Toledo, Toledo, OH [208]

Craig N. Burkhart, MD

Assistant Professor, Department of Dermatology, The University of North Carolina at Chapel Hill, Chapel Hill, NC [174, 208, 222]

Claude S. Burton, MD

Professor, Department of Dermatology, Duke University School of Medicine, Durham, NC [174]

Jennifer A. Cafardi, MD

Assistant Professor, Department of Dermatology, University of Alabama at Birmingham, Birmingham, AL [237]

Jeffrey P. Callen, MD

Professor of Medicine (Dermatology), Department of Medicine, University of Louisville, Louisville, KY [233]

John D. Carter, MD

Associate Professor, Department of Internal Medicine, Division of Rheumatology, University of South Florida College of Medicine, Tampa, FL [20]

John A. Carucci, MD, PhD

Associate Professor, Department of Dermatology, Weill Cornell Medical College, New York, NY [115]

Mari Paz Castanedo-Tardan, MD

Postdoctoral Research Fellow, Section of Dermatology, Dartmouth-Hitchcock Medical Center, Dartmouth Medical School, Lebanon, NH [13]

Lorenzo Cerroni, MD

Associate Professor, Department of Dermatology, Medical University of Graz, Graz, Austria [117]

Veerendra Chadachan, MD

Vascular Medicine Program, Boston University Medical Center, Boston MA, USA Consultant, Department of General Medicine Vascular Medicine and Hypertension Section, Tan Tock Seng Hospital, Singapore [173]

Vinod Chandran, MBBS, MD, DM

Clinical Research Fellow, Department of Medicine, Division of Rheumatology, University of Toronto, Toronto, ON, Canada [19]

Mary Wu Chang, MD

Associate Clinical Professor, Department of Dermatology, Department of Pediatrics, University of Connecticut School of Medicine, Farmington, CT [107]

Anne M. Chapas, MD

Clinical Assistant Professor, Department of Dermatology, New York University School of Medicine, New York, NY [252]

Joel Charrow, MD

Professor, Department of Pediatrics, Feinberg School of Medicine, Northwestern University, Chicago, IL [141]

Mei Chen, PhD

Professor and Director of Research, Department of Dermatology, University of Southern California, Los Angeles, CA [60]

Carol E. Cheng, MD

Department of Dermatology, Massachusetts General Hospital, Boston, MA [16]

Andy J. Chien, MD, PhD

Assistant Professor, Division of Dermatology, University of Washington School of Medicine, Seattle, WA [151]

Anna L. Chien, MD

Assistant Professor, Department of Dermatology, Johns Hopkins School of Medicine, Baltimore, MD [217]

Mary-Margaret Chren, MD

Professor, Department of Dermatology, University of California, San Francisco, San Francisco, CA [1]

David H. Chu, MD, PhD

Division of Dermatology and Cutaneous Surgery, Scripps Clinic Medical Group, La Jolla, CA [7]

Mon-Li Chu, PhD

Professor, Department of Dermatology & Cutaneous Biology, Thomas Jefferson University, Philadelphia, PA [63]

Jeffrey I. Cohen, MD

Chief, Medical Virology Section, Laboratory of Clinical Infectious Diseases, National Institutes of Health, Bethesda, MD [193]

Myron S. Cohen, MD

Associate Vice Chancellor and Professor of Medicine, Microbiology and Immunology, Departments of Medicine and Epidemiology, University of North Carolina, Chapel Hill, NC [180]

Philip R. Cohen, MD

Clinical Associate Professor, Department of Dermatology, MD Anderson Cancer Center, University of Texas, Houston, TX [32]

Chris D. Collins, MD, FAAD

Professor of Clinical Dermatology US Army & Air Force Dermatology Brooke Army Medical Center, Wilford Hall Medical Center San Antonio, TX [22]

Nneka I. Comfere, MD

Assistant Professor, Department of Dermatology, Mayo Clinic College of Medicine, Rochester, MN [165]

Rosamaria Corona, DSc, MD

Attending Physician, Division of Immunodermatology, Istituto Dermatologico dell'Immacolata, Rome, Italy [2]

Melissa I. Costner, MD

Clinical Associate Professor, Department of Dermatology, University of Texas Southwestern Medical Center, Dallas, TX [155, 156]

George Cotsarelis, MD

Professor, Department of Dermatology, University of Pennsylvania School of Medicine, Philadelphia, PA [86]

Pierre A. Coulombe, PhD

E.V. McCollum Professor and Chair, Department of Biochemistry and Molecular Biology, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD [46]

Edward W. Cowen, MD, MHSc

Head, Dermatology Consultation Service, Dermatology Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD [28]

Joseph Craft, MD

Paul B. Beeson Professor of Medicine and Professor of Immunobiology, Department of Internal Medicine, Yale School of Medicine, Yale University, New Haven, CT [154]

Noah Craft, MD, PhD, DTMH

Assistant Professor, Department of Medicine, Divisions of Dermatology and Adult Infectious Disease, Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center, Torrance, CA [175, 176]

Donna A. Culton, MD, PhD

Resident Physician, Department of Dermatology, University of North Carolina at Chapel Hill, Chapel Hill, NC [56]

Jennifer S. Daly, MD

Professor, Department of Medicine, University of Massachusetts Medical School, Worcester, MA [209]

F. William Danby, MD, FRCPC, FAAD

Adjunct Assistant Professor, Department of Surgery (Section of Dermatology), Dartmouth Medical School, Hanover, NH [78]

Stamatina Danielides, MD

Sjögren's Syndrome Clinic Gene Therapy and Therapeutics Branch, National Institute of Dental and Craniofacial Research National Institutes of Health Bethesda, MD [161]

Mazen S. Daoud, MD

Private Practice, Dermatology and Dermatopathology, Advanced Dermatology Specialties, Fort Myers, FL [26, 27]

Thomas N. Darling, MD, PhD

Associate Professor, Department of Dermatology, Uniformed Services University of the Health Sciences, Bethesda, MD [140]

Alan Dattner, MD

Chief Scientific Officer, Founder and CEO, www.holisticdermatology.com, New York, NY [241]

Sofie De Schepper, MD, PhD

Professor, Department of Dermatology, Ghent University Hospital, Ghent, Belgium [75]

Aieska De Souza, MD, MS

Dermatopharmacology Fellow, Department of Dermatology, New York University Langone Medical Center, New York, NY [214, 220]

Steven M. Dean, DO, FACP, RPVI

Associate Professor of Internal Medicine, Department of Cardiovascular Medicine, The Ohio State University College of Medicine, Columbus, OH [173]

Roy H. Decker, MD, PhD

Assistant Professor, Department of Therapeutic Radiology, Yale School of Medicine, Yale University, New Haven, CT [240]

Nicole M. DeLauro, DPM

Associate Physician, Podiatric Medicine and Surgery, Foot and Ankle Center of New Jersey, Plainfield, NJ [98]

Thomas M. DeLauro, DPM

Professor, Departments of Medicine and Surgery, New York College of Podiatric Medicine, New York, NY [98]

Christopher P. Denton, PhD, FRCP

Professor of Experimental Rheumatology, Centre for Rheumatology, University College London, London, UK [157]

Theresa Schroeder Devere, MD

Assistant Professor, Department of Dermatology, Oregon Health & Science University, Portland, OR [168]

Christine A. DeWitt, MD

Assistant Professor, Division of Dermatology, Georgetown University Hospital, Washington, DC [153]

Luis A. Diaz, MD

Professor and Chairman, Department of Dermatology, University of North Carolina, Chapel Hill, NC [56]

John J. DiGiovanna, MD

Staff Clinician, DNA Repair Section, Dermatology Branch, Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda, MD [49, 139]

Andrzej A. Dlugosz, MD

Poth Professor of Cutaneous Oncology, Department of Dermatology, University of Michigan Medical School, Ann Arbor, MI [111]

Lisa M. Donofrio, MD

Associate Clinical Professor, Department of Dermatology, Yale School of Medicine, Yale University, New Haven, CT [254]

Daven N. Doshi, MD

Resident, Department of Dermatology, Albert Einstein College of Medicine, Bronx, NY [16]

Karynne O. Duncan, MD

Private Practice, Saint Helena, CA [113]

Jonathan A. Dyer, MD

Assistant Professor, Departments of Dermatology and Child Health, School of Medicine, University of Missouri, Columbia, MO [137]

Robert T. Eberhardt, MD, FACC, FSV, RPVI

Associate Professor, Department of Medicine, Boston University School of Medicine, Boston, MA [173]

Benjamin D. Ehst, MD, PhD

Assistant Professor, Department of Dermatology, Oregon Health & Science University, Portland, OR [29]

Lawrence F. Eichenfield, MD

Professor, Departments of Pediatrics and Medicine (Dermatology), University of California, San Diego, San Diego, CA [14]

Daniel B. Eisen, MD

Associate Clinical Professor, Dermatology, University of California, Davis, Sacramento, CA [187]

Myrna El Shareef, MD

Department of Dermatology, American University of Beirut Medical Center, Beirut, Lebanon [204]

James T. Elder, MD, PhD

Professor, Department of Dermatology, University of Michigan Medical School, Ann Arbor, MI [18]

Craig A. Elmets, MD

Professor and Chair, Department of Dermatology, University of Alabama at Birmingham, Birmingham, AL [237]

Dirk M. Elston, MD

Director, Department of Dermatology, Geisinger Medical Center, Danville, PA [99, 231]

Joseph C. English, MD

Associate Professor, Department of Dermatology, University of Pittsburgh, Pittsburgh, PA [181]

Edward M. Esparza, MD, PhD

Resident, Division of Dermatology, University of Washington, Seattle, WA [221]

Janet A. Fairley, MD

Professor and Head, Department of Dermatology, University of Iowa, Iowa City, IA [138]

Vincent Falanga, MD, FACP

Professor, Departments of Dermatology and Biochemistry, Boston University School of Medicine, Boston, MA [248]

Robert D. Fealey, MD

Consultant, Department of Neurology, Mayo Clinic College of Medicine, Rochester, MN [84]

Flavia Fedeles, MD, MS

Intern, Internal Medicine, Hospital of St Raphael, New Haven, CT [23]

Laura Korb Ferris, MD, PhD

Assistant Professor, Department of Dermatology, School of Medicine, University of Pittsburgh, Pittsburgh, PA [181]

Patricia M. Fishman, MD

Assistant Professor, Department of Pathology, University of Illinois at Chicago, Chicago, IL [70]

James E. Fitzpatrick, MD

Professor and Vice Chair, Department of Dermatology, University of Colorado, Denver, CO [219, 227]

Philip Fleckman, MD

Professor, Medicine (Dermatology), University of Washington, Seattle, WA [49]

Carsten Flohr, BM, BCh (Hons), MA, Mphil, MRCPCH, MSc, PhD

Senior Lecturer (Associate Professor) and Honorary Consultant Dermatologist, St John's Institute of Dermatology, St Thomas's Hospital and King's College London, London, UK [4]

Camille Francès, MD

Professor, Department of Dermatology-Allergology, Hôpital Tenon, Paris, France [159]

Jorge Frank, MD, PhD

Professor, Department of Dermatology, Maastricht University Medical Center (MUMC), Maastricht, The Netherlands [132]

Ilona J. Frieden, MD

Professor, Department of Dermatology and Pediatrics, School of Medicine, University of California, San Francisco, San Francisco, CA [126]

Sheila Fallon Friedlander, MD

Professor, Departments of Pediatrics and Medicine (Dermatology), School of Medicine, University of California, San Diego, San Diego, CA [195]

Ramsay L. Fuleihan, MD

Associate Professor, Department of Pediatrics, Feinberg School of Medicine, Northwestern University, Chicago, IL [143]

Abhimanyu Garg, MD

Professor, Internal Medicine, University of Texas Southwestern Medical Center, Dallas, TX [71]

Amit Garg, MD

Associate Professor, Department of Dermatology, Boston University School of Medicine, Boston, MA [5, 188, 189]

Christopher C. Gasbarre, DO, FAAD

Associate Staff Physician, Department of Dermatology, Cleveland Clinic, Cleveland, OH [230]

Anthony A. Gaspari, MD

Shapiro Professor, Department of Dermatology, University of Maryland School of Medicine, Baltimore, MD [226]

John K. Geisse, MD

Clinical Professor, Department of Dermatology, University of California, San Francisco, San Francisco, CA [113]

Joel M. Gelfand, MD, MSCE

Assistant Professor of Dermatology and Epidemiology, Departments of Dermatology, Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, Philadelphia, PA [234]

Carlo Gelmetti, MD

Full Professor, Department of Anesthesia, Intensive Care and Dermatologic Sciences, Università degli Studi di Milano, Milano, Italy [147, 148]

Roy G. Geronemus, MD

Director, Dermatology, Laser & Skin Surgery Center of New York, New York, NY [252]

Samer H. Ghosn, MD

Assistant Professor, Department of Dermatology, American University of Beirut Medical Center, Beirut, Lebanon [201, 203, 206]

Lawrence E. Gibson, MD

Professor, Department of Dermatology, Mayo Clinic College of Medicine, Rochester, MN [165]

Barbara A. Gilchrest, MD

Chair Emerita and Professor of Dermatology, Department of Dermatology, Boston University School of Medicine, Boston, MA [9, 109]

Dafna D. Gladman, MD, FRCPC

Professor, Department of Medicine, Division of Rheumatology, University of Toronto, Toronto, ON, Canada [19]

Gerald J. Gleich, MD

Professor of Dermatology and Medicine, Department of Dermatology, School of Medicine, University of Utah, Salt Lake City, UT [31]

Adam B. Glick, PhD

Associate Professor, Center for Molecular Toxicology and Carcinogenesis, Department of Veterinary and Biomedical Sciences, Department of Dermatology, Hershey Medical Center, The Pennsylvania State University, Pennsylvania, PA [111]

Richard G. Glogau, MD

Clinical Professor, Department of Dermatology, University of California, San Francisco, San Francisco, CA [255]

Raphaela Goldbach-Mansky, MD, MHS

Acting Chief, National Institute of Arthritis and Musculoskeletal and Skin Diseases Intramural Research Program, Translational Autoinflammatory Disease Section, The National Institutes of Health, Bethesda, MD [134]

Leonard H. Goldberg, MD, FRCP

Medical Director, DermSurgery Associates, PA, Houston, TX [246]

Emmy M. Graber, MD

Assistant Professor of Dermatology, Department of Dermatology, Boston University Medical Center, Boston, MA [80]

Robin A.C. Graham-Brown, BSc, MB, FRCP, FRCPCH

Consultant Dermatologist, Department of Dermatology, University Hospitals of Leicester, Leicester, UK [150]

Jane Margaret Grant-Kels, MD

Professor and Chair, Department of Dermatology, University of Connecticut Health Center, Farmington, CT [23]

Justin J. Green, MD

Department of Dermatology, Robert Wood Johnson Medical School, University of Medicine and Dentistry of New Jersey, Wood Johnson Medical School, Camden, NJ [199]

Roy C. Grekin, MD

Professor, Department of Dermatology, University of California, San Francisco School of Medicine, San Francisco, CA [121]

James M. Grichnik, MD, PhD

Professor, Department of Dermatology, Miller School of Medicine, Miami, FL [122, 123]

Douglas Grossman, MD, PhD
Associate Professor, Department of Dermatology, University of Utah Health Sciences Center, Salt Lake City, UT [114]

Johann E. Gudjonsson, MD, PhD
Assistant Professor, Department of Dermatology, University of Michigan, Ann Arbor, MI [18]

Bridget C. Hackett, MB BCh, BAO, MRCPI
Department of Dermatology, Mater Misericordiae University Hospital, Dublin, Ireland [33]

Russell P. Hall III, MD
J Lamar Callaway Professor and Chair, Department of Dermatology, Duke University Medical Center, Durham, NC [58, 61, 225]

Analisa V. Halpern, MD
Assistant Professor, Department of Medicine, Division of Dermatology, Cooper University Hospital, Rowan University, Camden, NJ [199]

C. William Hanke, MD, MPH, FACP
Visiting Professor of Dermatology, University of Iowa Carver College of Medicine, Iowa City, IA [253]

Christopher B. Hansen, MD
Assistant Professor, Department of Dermatology, University of Utah School of Medicine, Salt Lake City, UT [156]

Philip N. Hawkins, PhD, FRCP, FRCPATH, FMedSci
Professor of Medicine, Centre for Amyloidosis and Acute Phase Proteins, University College London Medical School, London, UK [133]

Roderick J. Hay, DM, FRCP, FRCPATH, FMedSci
Chairman, International Foundation for Dermatology, London, UK [3, 190]

Adelaide A. Hebert, MD
Professor, Department of Dermatology, University of Texas Medical School at Houston, Houston, TX [84]

Stephen E. Helms, MD
Associate Professor, Department of Medicine, Northeastern Ohio Universities College of Medicine, Rootstown, OH [68]

Ulrich R. Hengge, MD, MBA
Professor, Hautzentrum Prof. Hengge, Düesseldorf, NRW, Germany [65]

Warren R. Heymann, MD
Professor of Medicine and Pediatrics, Head, Division of Dermatology, Robert Wood Johnson Medical School at Camden, University of Medicine & Dentistry of New Jersey, Camden, NJ [199]

Whitney A. High, MD, JD, MEng
Associate Professor, Department of Dermatology, University of Colorado Denver Health Sciences Center, Denver, CO [219, 227]

Chad Hivnor, MD
Associate Program Director, San Antonio Uniformed Services Health Education Consortium, San Antonio, TX [22]

Jonathan Hofmekler, BSc
Associate Researcher, Department of Dermatology, School of Medicine, Emory University, Atlanta, GA [235]

Ulrich Hohenleutner, MD
Professor, Klinik und Poliklinik für Dermatologie, Universitätsklinikum Regensburg, Regensburg, Germany [239]

Steven M. Holland, MD
Chief, Laboratory of Clinical Infectious Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD [30]

Golara Honari, MD
Attending Physician, Dermatology and Plastic Surgery Institute, Cleveland Clinic, Cleveland, OH, [211]

Herbert Höningmann, MD
Professor of Dermatology, Emeritus Chairman, Department of Dermatology, Medical University of Vienna, Vienna, Austria [32, 35, 238]

Thomas J. Hornyak, MD, PhD
Investigator, Dermatology Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD [73]

Alain Hovnanian, MD, PhD
Departments of Genetics and Dermatology, University René Descartes, Paris, France [51]

Chung-Hong Hu, MD
Department of Dermatology, University of Wisconsin Madison, WI [25]

Linden Hu, MD
Associate Professor, Department of Medicine, School of Medicine, Tufts University, Boston, MA [187]

Sam T. Hwang, MD, PhD
Chair and Professor, Department of Dermatology, Medical College of Wisconsin, Milwaukee, WI [12]

Sherrif F. Ibrahim, MD, PhD
Procedural Dermatology Fellow, Department of Dermatology, University of California, San Francisco, San Francisco, CA [121]

Gabor Illei, MD, PhD, MHS
Head, Sjögren's Syndrome Clinic, Molecular Physiology and Therapeutics Branch, National Institute of Dental and Craniofacial Research, National Institutes of Health, Bethesda, MD [161]

Alan D. Irvine, MD, FRCP, FRCPI
Consultant Dermatologist, Paediatric Dermatology, Our Lady's Children's Hospital, Dublin, Ireland [52]

Rim S. Ishak, MD
Department of Dermatology, American University of Beirut Medical Center, Beirut, Lebanon [203]

Peter H. Itin, MD
Professor, Department of Dermatology, School of Medicine, University of Basel, Basel, Switzerland [131]

Satori Iwamoto, MD, PhD
Assistant Professor, Department of Dermatology and Skin Surgery, Boston University School of Medicine, Boston, MA [248]

Reza Jacob, MD
Resident, Department of Dermatology, Boston University School of Medicine, Boston, MA [232]

Heidi T. Jacobe, MD, MSCS
Assistant Professor, Department of Dermatology, University of Texas Southwestern Medical Center, Dallas, TX [64]

William D. James, MD
Paul R. Gross Professor, Department of Dermatology, School of Medicine, University of Pennsylvania, Philadelphia, PA [218]

Melinda Jen, MD

Pediatric Dermatology Fellow,
Division of Pediatric and Adolescent
Dermatology, Rady Children's
Hospital, University of California,
San Diego, San Diego, CA [130]

Jens-Michael Jensen, MD

Department of Dermatology,
Venereology and Allergy, University
of Kiel, Kiel, Germany [47]

Richard Allen Johnson, MDCM

Assistant Professor, Department
of Dermatology, Harvard Medical
School, Boston, MA [105, 178, 179,
198]

Timothy M. Johnson, MD

Professor, Department of
Dermatology, University of
Michigan, Ann Arbor, MI [124]

Graham A. Johnston, MBChB, FRCP

Consultant, Department of
Dermatology, Leicester Royal
Infirmary, Leicester, Leicestershire,
UK [150]

Marc A. Judson, MD

Professor of Medicine, Division
of Pulmonary and Critical Care
Medicine, Department of Medicine,
Medical University of South
Carolina, Charleston, SC [152]

Andrea A. Kalus, MD

Assistant Professor, Division
of Dermatology, University of
Washington School of Medicine,
Seattle, WA [151]

Insoo Kang, MD

Associate Professor of Medicine,
Department of Internal Medicine,
Yale School of Medicine, Yale
University, New Haven, CT [154]

Sewon Kang, MD

Noxell Professor and Chairman,
Department of Dermatology, Johns
Hopkins University School of
Medicine, Baltimore, MD [217]

Allen P. Kaplan, MD

Clinical Professor, Department of
Medicine, Medical University of
South Carolina, Charleston, SC [38]

Julie K. Karen, MD

Clinical Assistant Professor,
Department of Dermatology, New
York University Langone School of
Medicine, New York, NY [108]

Kenneth A. Katz, MD, MSc, MSCE

STD Control Officer and Senior
Physician, Health and Human
Services Agency, County of San
Diego, San Diego, CA [200, 222]

Stephen I. Katz, MD, PhD

Fellow, American Academy of
Dermatology, Schaumburg, IL, Past
President Society of Investigative
Dermatology Cleveland, OH [61]

Masaoki Kawasumi, MD, PhD

Department of Medicine, Division
of Dermatology, University of
Washington, Seattle, WA [112]

Dean L. Kellogg, Jr., MD, PhD

Professor, Department of Medicine,
University of Texas Health Science
Center, San Antonio, TX [93]

Francisco A. Kerdel, MD

Director, Dermatology Inpatient
Unit, Department of Dermatology,
University of Miami Hospital,
Miami, FL [216]

Helmut Kerl, MD

Professor of Dermatology,
Chairman Emeritus, Department of
Dermatology, Medical University of
Graz, Graz, Austria [117]

Jay S. Keystone, MD, MSc(CTM), FRCPC

Professor, Department of Medicine,
University of Toronto, Toronto, ON,
Canada [207]

Abdul-Ghani Kibbi, MD, FAAD, FACP

Professor and Chair, Department of
Dermatology, Faculty of Medicine,
American University of Beirut,
Beirut, Lebanon [6, 204]

Alexa B. Kimball, MD, MPH

Associate Professor, Department
of Dermatology, Harvard Medical
School, Boston, MA [16]

Reinhard Kirnbauer, MD

Associate Professor, Department
of Dermatology, Division of
Immunology, Allergy and Infectious
Diseases (DIAID), Medical University
of Vienna, Vienna, Austria [196]

John H. Klippel, MD

President and Chief Executive
Officer, Arthritis Foundation,
Atlanta, GA [170]

Robert Knobler, MD

Associate Professor, Department of
Dermatology, Medical University of
Vienna, Vienna, Austria [238]

Sandra R. Knowles, BScPhm

Lecturer, Faculty of Pharmacy,
University of Toronto, Toronto, ON,
Canada [41]

Christine J. Ko, MD

Associate Professor, Department
of Dermatology, Yale School of
Medicine, Yale University, New
Haven, CT [66]

Manuel Koch, PhD

Associate Professor, Institute for
Oral and Musculoskeletal Biology,
Medical Faculty, Center for Dental
Medicine, University of Cologne,
Cologne, Germany [63]

Irene E. Kochevar, PhD

Professor, Department of
Dermatology, Harvard Medical
School, Boston, MA [90]

Nellie Konnikov, MD

Professor, Department of
Dermatology, Boston University
School of Medicine, Boston, MA [232]

Sandra A. Kopp, MD

Resident Physician, Department
of Dermatology, Robert Wood
Johnson Medical School at Camden,
University of Medicine & Dentistry
of New Jersey, Camden, NJ [199]

Kenneth H. Kraemer, MD

Chief, DNA Repair Section,
Dermatology Branch, National
Cancer Institute, Bethesda, MD
[110, 139]

T. Krieg, MD

Department of Dermatology,
University of Cologne, Cologne,
Germany [63, 157]

Jean Krutmann, MD

Univ.- Professor Dr. med., Institut
für Umweltmedizinische Forschung
(IUF), Düsseldorf, NRW, Germany
[90]

Roopal V. Kundu, MD

Assistant Professor, Department of
Dermatology, Feinberg School of
Medicine, Northwestern University,
Chicago, IL [189]

Thomas S. Kupper, MD, FAAD

Thomas B. Fitzpatrick Professor,
Department of Dermatology,
Harvard Medical School, Boston,
MA [11]

Razelle Kurzrock, MD, FACP

Chair and Professor, Investigational Cancer Therapeutics, MD Anderson Cancer Center, University of Texas, Houston, TX [32]

Helen J. Lachmann, MD, FRCP

Senior Lecturer/Honorary Consultant, National Amyloidosis Centre, University College London Medical School, London, UK [133]

Jeffrey N. Lackey, MD

Instructor, Department of Dermatology, Uniformed Services University, Bethesda, MD

Jürgen Lademann, Prof. Dr. rer. nat. Dr.-Ing. habil.

Department of Dermatology, Center of Experimental and Applied Cutaneous Physiology (CCP), Charité - Universitätsmedizin Berlin, Berlin, Germany [215]

Jeffrey R. LaDuca, MD, PhD

[226]

Jo Lambert, MD, PhD

Professor, Department of Dermatology, Ghent University Hospital, Ghent, Belgium [75]

Michael Landthaler, MD

Department of Dermatology, University of Regensburg, Regensburg, Germany [239]

Sinéad M. Langan, MRCP, MSc, PhD

Visiting Scholar, Department of Dermatology, University of Pennsylvania, Philadelphia, PA [4]

Hilde Lapeere, MD, PhD

Department of Dermatology, University Hospital Ghent, Ghent, Belgium [75]

Anne Laumann, MBChB, MRCP(UK), FAAD

Associate Professor of Dermatology, Department of Dermatology, Feinberg School of Medicine, Northwestern University, Chicago, IL [101]

Stephan Lautenschlager, MD

Associate Professor, Outpatient Clinic of Dermatology & Venereology, City Hospital Triemli, Zürich, Switzerland [202]

Leslie P. Lawley, MD

Assistant Professor of Dermatology and Pediatrics, Department of Dermatology, School of Medicine, Emory University, Atlanta, GA [82]

Chyi-Chia Richard Lee, MD, PhD

Staff Clinician, Laboratory of Pathology, National Cancer Institute, National Institutes of Health, Bethesda, MD [134]

Delphine J. Lee, MD, PhD, FAAD

Assistant Professor, Department of Medicine, Division of Dermatology, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, CA [186]

Lela A. Lee, MD

Professor, Departments of Dermatology and Medicine, School of Medicine, University of Colorado Denver, Denver, CO [37]

Ken K. Lee, MD

Associate Professor, Department of Dermatology, Director of Dermatologic Surgery, Oregon Health and Science University, Portland, OR [118]

David J. Leffell, MD

David Paige Smith Professor of Dermatology and Surgery, Chief, Section of Dermatologic Surgery and Cutaneous Oncology, Department of Dermatology, Yale School of Medicine, Yale University, New Haven, CT [113, 114, 115]

Kristin M. Leiferman, MD

Professor, Department of Dermatology, University of Utah, Salt Lake City, UT [31, 36]

Yolanda M. Lenzy, MD, MPH

Clinical Dermatologist, Family Dermatology of Massachusetts, Brookline, MA [9]

Aimee L. Leonard, MD

Private Practice, New England Dermatology & Laser Center, Springfield, MA [253]

Donald Y.M. Leung, MD, PhD

Professor, Department of Pediatrics, School of Medicine, University of Colorado Denver, Denver, CO [14]

Nikki A. Levin, MD, PhD

Associate Professor, Department of Medicine, Division of Dermatology, University of Massachusetts Medical School, Worcester, MA [5]

Ross M. Levy, MD

Attending Physician, Division of Dermatology, North Shore University Health System, Skokie, IL [127]

Henry W. Lim, MD

Chairman and C.S. Livingood Chair, Department of Dermatology, Henry Ford Hospital, Detroit, MI [92, 223]

Dan Lipsker, MD, PhD

Professor, Department of Dermatology, Université de Strasbourg, Faculté de Médecine, Strasbourg, France [171]

Adam D. Lipworth, MD

Instructor, Department of Dermatology, Harvard Medical School, Harvard University, Boston, MA [178, 179]

Robert Listernick, MD

Professor, Department of Pediatrics, Feinberg School of Medicine, Northwestern University, Chicago, IL [141]

Rosemarie Liu, MD

Private Practice Skin, Cancer Surgery Center Fairfax, VA [25]

Zhi Liu, PhD

Professor, Department of Dermatology, University of North Carolina School of Medicine, Chapel Hill, NC [56]

Robert Loewe, MD

Associate Professor, Department of Dermatology, Medical University of Vienna, Vienna, Austria [162]

Anke S. Lonsdorf, MD

Department of Dermatology, University Hospital of Heidelberg, Heidelberg, Germany [12]

Mayra E. Lorenzo, MD, PhD

Instructor, Department of Dermatology, Harvard Medical School, Boston, MA [192]

Thomas A. Luger, MD

Professor and Chairman, Department of Dermatology, University of Münster, Münster, Germany [102]

Calum C. Lyon, MA, FRCP

Doctor, Department of Dermatology, York Hospital, York, North Yorkshire, UK [96, 97]

Catherine Maari, MD

Assistant Professor, Department of dermatology, University of Montreal, Montreal, QC, Canada [67]

Vandana Madkan, MD

Dermatologist, Center for Clinical Studies, Dermatological Association of Texas, Houston, TX [191]

Meera Mahalingam, MD, PhD, FRCPATH

Professor of Dermatology and Pathology and Laboratory Medicine, Dermatopathology Section, Department of Dermatology, Boston University School of Medicine, Boston, MA [187]

Joelle M. Malek, MD

Chief Resident, Department of Dermatology, American University of Beirut Medical Center, Beirut, Lebanon [206]

Richard M. Marchell, MD

Assistant Professor, Department of Dermatology, Medical University of South Carolina, Charleston, SC [152]

Lynette J. Margesson, MD, FRCPC

Assistant Professor of Obstetrics and Gynecology and Medicine (Dermatology), Section of Dermatology, Department of Obstetrics and Gynecology, Dartmouth Medical School, Hanover, NH [78]

M. Peter Marinkovich, MD

Associate Professor, Department of Dermatology, Stanford University School of Medicine, Stanford, CA [62]

Adriana R. Marques, MD

National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD [193]

Nadine Marrouche, MD

Department of Dermatology, American University of Beirut Medical Center, Beirut, Lebanon [201]

Erin F. Mathes, MD

Department of Dermatology, University of California, San Francisco, San Francisco, CA [126]

Theodora M. Mauro, MD

Service Chief, Dermatology, San Francisco VA Medical Center, San Francisco, CA [83]

Susannah E. McClain, MD

Resident, Department of Dermatology, University of Maryland Medical System, Baltimore, MD [226]

John A. McGrath, MD, FRCP

Professor, St John's Institute of Dermatology, Guy's Campus, King's College London, London, UK [8]

W. H. Irwin McLean, FRSE, FMedSci

Dermatology and Genetic Medicine University of Dundee, Dundee, UK [8]

Darius R. Mehregan, MD

Associate Professor and Hermann Pinkus Chair, Department of Dermatology, Wayne State University, Detroit, MI [34]

David A. Mehregan, MD

Associate Professor, Department of Dermatology, School of Medicine, Wayne State University, Detroit, MI [34]

Atul B. Mehta, MD, FRCP, FRCPath

Professor, Department of Haematology, Royal Free Hospital, University College London School of Medicine, London, UK [136]

Natalia Mendoza, MD, MS

Assistant Professor, Department of Research and Dermatology, Universidad El Bosque, Bogotá, Colombia [191]

Peter A. Merkel, MD, MPH

Professor of Medicine, Section of Rheumatology, Clinical Epidemiology Unit, Boston University School of Medicine, Boston, MA [164]

Martin C. Mihm, MD, FACP

Director, Melanoma Program in Dermatology, Department of Dermatology, Brigham and Women's Hospital, Boston, MA [6, 124]

Lloyd S. Miller, MD, PhD

Assistant Professor, Division of Dermatology, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, CA [10]

Stanley J. Miller, MD

Associate Professor, Departments of Dermatology and Otolaryngology-Head and Neck Surgery, Johns Hopkins Hospital, Baltimore, MD [46]

Daniel Mimouni, MD

Senior Lecturer, Department of Dermatology, Beilinson Campus, Rabin Medical Center, Petah-Tikva, Israel [55]

Julia S. Minocha, MD

Clinical Research Fellow, Department of Dermatology, Feinberg School of Medicine, Northwestern University, Chicago, IL [69]

Paradi Mirmirani, MD

Department of Dermatology, The Permanente Medical Group, Vallejo, CA [87]

Robert L. Modlin, MD

Klein Professor of Dermatology, and Professor of Microbiology, Immunology and Molecular Genetics, Department of Medicine, David Geffen School of Medicine, University of California, Los Angeles, Los Angeles, CA [10, 186]

P. Moinzadeh, MD

Department of Dermatology, University of Cologne, Cologne, Germany [157]

Paul A. Monach, MD, PhD

Assistant Professor, Department of Medicine, Section of Rheumatology, Vasculitis Center, Boston University School of Medicine, Boston, MA [164]

Megan M. Moore, MD

Department of Dermatology, The Permanente Medical Group, Walnut Creek, CA [220]

Rebecca J. Morris, PhD

Professor, Laboratory of Stem Cells and Cancer, The Hormel Institute, University of Minnesota, Austin, MN [45]

L. Katie Morrison, MD

Department of Dermatology, University of Texas Health Sciences Center, Houston, TX [191]

Nico Mousdicas, MBChB, MD

Associate Professor, Department of Dermatology, Indiana University, Indianapolis, IN [177]

Ulrich Mrowietz, MD

Associate Professor, Psoriasis Center, Department of Dermatology, Campus Kiel, University Medical Center Schleswig-Holstein, Kiel, Germany [21]

Colin S. Munro, MD, FRCP (Glasg)

Professor, Alan Lyell Centre for Dermatology, Southern General Hospital, Glasgow, UK [50]

Gillian M. Murphy, MD, FRCPI, FRCP (Edin)

Department of Dermatology, Royal College of Surgeons in Ireland, Dublin, Ireland

George F. Murphy, MD

Professor of Pathology, Harvard Medical School Director, Program in Dermatopathology, Brigham and Women's Hospital Boston, MA [6]

Haley Naik, MD

Department of Dermatology, Massachusetts General Hospital, Boston, MA [105]

Amanda M. Nelson, PhD

Department of Dermatology, College of Medicine, The Pennsylvania State University, Hershey, PA [79]

Isaac M. Neuhaus, MD

Assistant Professor, Department of Dermatology, University of California, San Francisco, San Francisco, CA [121]

Paul Nghiem, MD, PhD

Associate Professor, Departments of Medicine and Dermatology, University of Washington, Seattle, WA [112, 120]

Gerhard J. Nohynek, PhD, DABT

Scientific Director, Worldwide Safety Department, L'Oreal R&D, Asnières, France [215]

David A. Norris, MD

Professor and Chairman, Department of Dermatology, School of Medicine, University of Colorado Denver, Denver, CO [74]

Scott A. Norton, MD, MPH, MSc

Professor of Dermatology, Division of Dermatology, Department of Medicine, Georgetown University Hospital, Washington, DC [183, 213]

Lillian Odo, MD

Associate Professor, Department of Dermatology, University of Santo Amaro, São Paulo, SP, Brazil [100]

John E. Olerud, MD

Professor, Medicine, Division of Dermatology, University of Washington, Seattle, WA [151]

Katia Ongenae, MD, PhD

Professor, Department of Dermatology, University Hospital Ghent, Ghent, Belgium [75]

Grainne M. O'Regan, MRCPI

Department of Paediatric Dermatology, Our Lady's Children's Hospital, Dublin, Ireland [52]

Anthony E. Oro, MD, PhD

Associate Professor, Program in Epithelial Biology, School of Medicine, Stanford University, Stanford, CA [116]

Catherine H. Orteu, MBBS, BSc, MD, FRCP

Consultant Dermatologist, Department of Dermatology, Royal Free Hospital, London, UK [136]

Nina Otberg, MD

Hair Clinic, Skin and Laser Center Berlin, Potsdam, Germany [88]

Michael N. Oxman, MD

Professor of Medicine and Pathology, University Of California, San Diego, San Diego, CA [194]

Amy S. Paller, MD

Walter J. Hamlin Professor and Chair of Dermatology, Professor of Pediatrics, Feinberg School of Medicine, Northwestern University, Chicago, IL [143]

Hee-Young Park, PhD

Associate Professor, Department of Dermatology, Boston University School of Medicine, Boston, MA [72]

Sareeta R.S. Parker, MD

Associate Clinical Professor, Department of Dermatology, School of Medicine, Emory University, Atlanta, GA [82]

Anisha B. Patel, MD

Resident, Department of Dermatology, Oregon Health & Science University, Portland, OR [168]

Tejesh S. Patel, MBBS (Lon), BSc (Hons)

Dermatology Resident, Department of Medicine, Division of Dermatology, University of Tennessee Health Science Center, Memphis, TN [103]

Aimee S. Payne, MD, PhD

Assistant Professor, Department of Dermatology, University of Pennsylvania, Philadelphia, PA [53, 54]

Andrea L. Pearson, MD

Resident Physician, Department of Dermatology, University of Massachusetts Medical School, Worcester, MA [192]

Michelle T. Pelle, MD

Attending Physician, Department of Medicine, Scripps Mercy Hospital, San Diego, CA [81]

Brent E. Pennington, MD

Nashville Skin & Cancer, Nashville, TN [242]

Margot S. Peters, MD

Department of Dermatology, Mayo Clinic, Rochester, MN [36]

Julia S. Pettersen, MD

Department of Dermatology, Yale School of Medicine New Haven, CT [115]

Peter Petzelbauer, MD

Professor of Microvascular Research, Department of Dermatology, Medical University of Vienna, Vienna, Italy [162]

Tania J. Phillips, MD, FRCP, FRCPC

Professor of Dermatology, Department of Dermatology, Boston University School of Medicine, Boston, MA [100]

Gérald E. Piérard, MD, PhD

Chief, Dermatopathology Service, Department of Dermatology, University Hospital of Liège, Liège, Belgium [94]

Claudine Piérard-Franchimont, MD, PhD

Professor, Department of Dermatopathology, University Hospital of Liège, Liège, Belgium [94]

Warren W. Piette, MD

Chair, Division of Dermatology, John H. Stroger Jr. Hospital of Cook County, Chicago, IL [144, 160]

Caroline Piggott, MD

Resident, Department of Dermatology, University of California, San Diego, San Diego, CA [195]

Bianca Maria Piraccini, MD, PhD

Researcher, Department of Dermatology, University of Bologna, Bologna, Italy [89]

Mark R. Pittelkow, MD

Professor, Departments of Dermatology and Biochemistry and Molecular Biology, Mayo Clinic College of Medicine, Mayo Medical School, Rochester, MN [26, 27, 158]

Jordan S. Pober, MD, PhD

Professor and Vice Chair, Department of Immunobiology, Yale School of Medicine, Yale University, New Haven, CT [162]

Brian P. Pollack

[237]

Miriam Keltz Pomeranz, MD

Clinical Assistant Professor, Department of Dermatology, New York University School of Medicine, New York, NY [108]

Frank C. Powell, FRCPI, FAAD

Associate Professor, Department of Dermatology, University College Dublin, Dublin, Ireland [33]

Julie Powell, MD, FRCPC

Associate Clinical Professor, and Director of Pediatric Dermatology, Department of Pediatrics, Division of Dermatology, CHU Sainte-Justine University of Montreal, Montreal, QC, Canada [67]

Jennifer G. Powers, MD

Resident, Department of Dermatology, Boston University School of Medicine, Boston, MA [100]

Julie S. Prendiville, MB, FRCPC

Clinical Professor, Department of Pediatrics, University of British Columbia, Vancouver, British Columbia, Canada [44]

Howard B. Pride, MD

Associate, Departments of Dermatology and Pediatrics, Geisinger Medical Center, Danville, PA [106]

Ehrhardt Proksch, MD, PhD

Professor, Department of Dermatology, University of Kiel, Kiel, Germany [47]

Pascale Quatresooz, MD, PhD

Lecturer Senior Registrar, Department of Dermatopathology, University Hospital of Liège, Liège, Belgium [94]

Caroline L. Rao, MD

Assistant Professor, Department of Dermatology, Duke University, Durham, NC [58]

Thomas H. Rea, MD

Emeritus Professor, Department of Dermatology, Keck School of Medicine, University of Southern California, Los Angeles, CA [186]

Kavitha K. Reddy, MD

Resident, Department of Dermatology, Boston University School of Medicine, Boston, MA [9]

Thomas E. Redelmeier, MD

Dermatology Department Charite Hospital/Humboldt University, Berlin, Berlin, Germany [215]

Arthur R. Rhodes, MD, MPH

Professor, Department of Dermatology, Rush Medical College, Rush University, Chicago, IL [122]

Stephen K. Richardson, MD

Clinical Assistant Professor, Department of Dermatology, Florida State College of Medicine, Tallahassee, FL [234]

Evan Rieder, MD

Department of Psychiatry, New York University School of Medicine, New York, NY [104]

Maureen Rogers, MBBS, FACD

Emeritus Consultant, Department of Dermatology, Royal Alexandra Hospital for Children, Sydney, Australia [87]

Arash Ronaghy, MD, PhD

Research Associate, Department of Dermatology, Duke University, Durham, NC [61]

Ted Rosen, MD

Professor, Department of Dermatology, Baylor College of Medicine, Houston, TX [205]

Marti J. Rothe, MD

Associate Professor of Dermatology, Department of Dermatology, University of Connecticut Health Center, Farmington, CT [23]

Jean-Claude Roujeau, MD

Department of Dermatology Hôpital Henri Mondor Université Paris XII Créteil Paris, France [39, 40]

Anne H. Rowley, MD

Professor, Departments of Pediatrics, and Microbiology—Immunology, Feinberg School of Medicine, Northwestern University, Chicago, IL [167]

Thomas M. R nger, MD, PhD

Professor of Dermatology and Pathology, Department of Dermatology, Boston University School of Medicine, Boston, MA [110, 139]

William A. Rutala, BS, MS, PhD, MPH

Professor, Department of Medicine, University of North Carolina, Chapel Hill, NC [180]

Thomas Ruzicka, Prof. Dr. med. Dr. h.c.

Head and Professor, Department of Dermatology and Allergology, Ludwig Maximilian University, Munich, Germany [24]

Arturo P. Saavedra, MD, PhD, MBA

Assistant Professor, Department of Dermatology, Harvard Medical School, Boston, MA [178, 179, 198]

Joni G. Sago, MD

Dermatology Associates of Kingsport, Kingsport, TN [225]

Raul D. Santos, MD, PhD

Director, Lipid Clinic, Heart Institute (InCor), University of S o Paulo Medical School Hospital, S o Paulo, Brazil [135]

Jean-Hilaire Saurat, MD

Professor, Swiss Center for Human Applied Toxicology, University Medical Center, Geneva, Switzerland [228]

Stephanie Saxton-Daniels, MD

Department of Dermatology, The University of Texas Southwestern Medical Center, Dallas, TX [64]

Ernst J. Schaefer, MD

Senior Scientist and Director Lipid Metabolism Laboratory Jean Mayer USDA HNRCA at Tufts University, 711 Washington Street Boston, MA [135]

Hans Schaefer, PhD

Professor, Retired [215]

Mark Jordan Scharf, MD

Clinical Professor of Medicine,
Division of Dermatology, University
of Massachusetts Medical School,
Worcester, MA [209]

Stefan M. Schieke, MD

Department of Dermatology, Boston
University School of Medicine,
Boston, MA [188]

Bethanee J. Schlosser, MD, PhD

Assistant Professor, Department of
Dermatology, Feinberg School of
Medicine, Northwestern University,
Chicago, IL [69]

Kenneth E. Schmader, MD

Professor and Chief, Department
of Medicine-Geriatrics, Division of
Geriatrics, Duke University Medical
School, Durham, NC [194]

Holger Schmid, MD, MSc PD

Department of Internal Medicine,
Ludwig Maximilian University,
Munich, Germany [169]

Steven K. Schmitt, MD

Head, Section of Bone and
Joint Infections, Department of
Infectious Disease, Cleveland Clinic,
Cleveland, OH [230]

Robert A. Schwartz, MD, MPH

Professor and Head, Department of
Dermatology, New Jersey Medical
School, Newark, NJ [210]

Aisha Sethi, MD

Assistant Professor, Department of
Dermatology, University of Chicago,
Chicago, IL [184]

**Jerry Shapiro, MD, FRCPC,
FAAD**

Clinical Professor, Department of
Dermatology and Skin Science,
University of British Columbia,
Vancouver, Canada [88]

Neil H. Shear, MD, FRCPC

Professor, Department of
Dermatology & Pharmacology,
University of Toronto, Toronto, ON,
Canada [41]

Jessica M. Sheehan, MD

Mohs Surgeon and Dermatologist,
Northshore Center for Medical
Aesthetics, Northbrook, IL [243]

Robert L. Sheridan, MD

Associate Professor, Department of
Surgery, Harvard Medical School,
Boston, MA [95]

Jeff K. Shornick, MD, MHA

Private Practice [59]

Robert Sidbury, MD, MPH

Associate Professor, Department of
Pediatrics, Division of Dermatology,
Seattle Children's Hospital, Seattle,
WA [221]

Nicholas R. Snively, MD

Department of Dermatology
Oregon Health & Science University
Portland, OR [118]

Arthur J. Sober, MD

Professor, Department of
Dermatology, Harvard Medical
School, Boston, MA [122, 124]

Richard D. Sontheimer, MD

Professor, Department of
Dermatology, University of Utah
School of Medicine, Salt Lake City,
UT [155, 156]

Apra Sood, MD

Associate Staff, Department of
Dermatology, Cleveland Clinic,
Cleveland, OH [48, 211, 212]

Nicholas A. Soter, MD

Professor of Dermatology, Ronald
O. Perleman Department of
Dermatology, New York University
School of Medicine, New York, NY
[163]

Richard A. Spritz, MD

Director, Human Medical Genetics
Program, School of Medicine,
University of Colorado Denver,
Aurora, CO [74]

Divya Srivastava, MD

Assistant Professor, Department of
Dermatology, University of Texas
Southwestern Medical Center,
Dallas, TX [119]

John R. Stanley, MD

Professor, Department of
Dermatology, University of
Pennsylvania School of Medicine,
Philadelphia, PA [54]

William G. Stebbins, MD

Department of Dermatology, Laser
and Skin Surgery Center of Indiana,
Carmel, IN [253]

Christopher J. Steen, MD

Private Practice, Portland, ME [210]

Martin Steinhoff, MD, PhD

Full Professor, Department of
Dermatology, University of
California, San Francisco, San
Francisco, CA [102]

Wolfram Sterry, Prof. Dr.

Professor and Chairman,
Department of Dermatology,
Venereology and Allergology,
Charité Universitätsmedizin Berlin,
Berlin, Germany [145]

Georg Stingl, MD

Professor, Department of
Dermatology, Division of
Immunology, Allergy and Infectious
Diseases, Medical University of
Vienna, Vienna, Austria [10]

Stephen P. Stone, MD

Professor, Division of Dermatology,
Southern Illinois University School
of Medicine, Springfield, IL [153]

Bruce E. Strober, MD, PhD

Assistant Professor, Ronald
O. Perleman Department of
Dermatology, New York University
School of Medicine, New York, NY
[214, 220]

Kathryn N. Suh, MD

Assistant Professor, Medicine and
Pediatrics, University of Ottawa,
Ottawa, ON, Canada [207]

Tung-Tien Sun, PhD

Professor, Departments of Cell
Biology, Pharmacology and Urology,
School of Medicine, New York
University, New York, NY [46]

Rudolf L. Baer Professor

Department of Dermatology, School
of Medicine, New York University,
New York, NY [46]

Neil A. Swanson, MD

Professor and Chair, Department of
Dermatology, Oregon Health and
Science University Portland, OR
[118]

Susan M. Sweeney, MD

Assistant Professor, Division
of Dermatology, University of
Massachusetts Medical School,
Worcester, MA [192]

Virginia P. Sybert, MD

Clinical Professor, Department
of Medicine, Division of Medical
Genetics, University of Washington
School of Medicine, Seattle, WA
[142]

Rolf-Markus Szeimies, MD, PhD

Professor and Chairman,
Department of Dermatology
and Allergology, Klinikum Vest
Academic Teaching Hospital,
Recklinghausen, Germany [238]

Moses Szkló, MD, MPH, DrPH

Professor, Departments of Epidemiology and Medicine, Johns Hopkins Schools of Public Health and Medicine, Baltimore, MD [2]

Jean Y. Tang, MD, PhD

Assistant Professor, Dermatology, Stanford University, Redwood City, CA [116]

Elizabeth L. Tanzi, MD

Co-Director, Washington Institute of Dermatologic Laser Surgery, Washington, DC [251]

Francisco A. Tausk, MD

Professor, Department of Dermatology, University of Rochester, Rochester, NY [104]

Charles R. Taylor, MD

Associate Professor, Department of Dermatology, Harvard Medical School, Boston, MA [90]

James S. Taylor, MD, FAAD

Consultant Dermatologist, Department of Dermatology, Dermatology and Plastic Surgery Institute, Cleveland Clinic, Cleveland, OH [48, 211, 212]

R. Stan Taylor, MD

Professor, Department of Dermatology, University of Texas Southwestern, Dallas, TX [119]

Andrew R. Tegeder, MS

Division of Dermatology, University of Washington School of Medicine, Seattle, WA [120]

Michael D. Tharp, MD

The Clark W. Finnerud, MD Professor and Chair, Department of Dermatology, Rush University Medical Center, Chicago, IL [149]

Diane M. Thiboutot, MD

Professor, Department of Dermatology, College of Medicine, The Pennsylvania State University, Hershey, PA [79, 80]

Bruce H. Thiers, MD

Professor and Chairman, Department of Dermatology and Dermatologic Surgery, Medical University of South Carolina, Charleston, SC [152]

Valencia D. Thomas, MD

Assistant Professor, Department of Dermatology, Section of Dermatologic Surgery & Cutaneous Oncology, Yale University School of Medicine, New Haven, CT [118]

Wynnis Tom, MD

Assistant Professor, Departments of Pediatrics and Medicine (Dermatology), University of California, San Diego, San Diego, CA [195]

Kenneth J. Tomecki, MD

Vice Chairman, Department of Dermatology, Cleveland Clinic, Cleveland, OH [230]

Antonella Tosti, MD

Professor, Department of Dermatology & Cutaneous Surgery, Miller School of Medicine, University of Miami, Miami, FL [89]

Franz Trautinger, MD

Professor and Head, Department of Dermatology and Venereology, Landeskrankenhaus St. Poelten St. Poelten, Austria [35]

Jeffrey B. Travers, MD, PhD

Professor of Dermatology, Pharmacology and Toxicology, Departments of Dermatology, Pharmacology and Toxicology, Indiana University School of Medicine, Indianapolis, IN [177]

Hensin Tsao, MD, PhD

Associate Professor, Department of Dermatology, Harvard Medical School, Boston, MA [124]

Fragkiki Tsatsou, MD, MSc, BSc

Dermatology Resident, Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Dessau, Germany [85]

Erwin Tschachler, MD

Professor of Dermatology and Venereology, Department of Dermatology, Medical University of Vienna, Vienna, Austria [128, 197]

Margaret A. Tucker, MD

Director, Human Genetics Program, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, MD [123]

Stephen Tyring, MD, PhD

Clinical Professor, Department of Dermatology, University of Texas Health Science Center, Houston, TX [191]

Selma Ugurel, MD

Professor, Department of Dermatology, University of Würzburg, Würzburg, Germany [125]

Lily Changchien Uihlein, MD, JD

Resident, Department of Dermatology, Harvard Medical School, Boston, MA [198]

Jouni Uitto, MD, PhD

Professor and Chair, Department of Dermatology and Cutaneous Biology, Jefferson Medical College, Philadelphia, PA [63]

Mark A. Unger, MD, CCFP

Private Practice, Toronto, ON, Canada [256]

Robin H. Unger, MD

Clinical Professor, Department of Dermatology, Mount Sinai School of Medicine, New York, NY [256]

Walter P. Unger, MD

Clinical Professor, Department of Dermatology, Mt. Sinai School of Medicine, New York, NY [256]

Anders Vahlquist, MD, PhD

Professor, Department of Medical Sciences, Uppsala University, Uppsala, Sweden [228]

Isabel C. Valencia, MD

Dermatopathology, DermPath Diagnostics Bay Area, Tampa, FL [216]

L. Valeyrie-Allanore, MD

Department of Dermatology, Université Paris XII, Cedex, France [40]

Nanja van Geel, MD, PhD

Professor, Department of Dermatology, Ghent University Hospital, Ghent, Belgium [75]

Mireille Van Gele, PhD

Department of Dermatology, Ghent University Hospital, Ghent, Belgium [75]

Maurice A.M. van Steensel, MD, PhD

Professor, Dermatology, Maastricht University Medical Center, Maastricht, The Netherlands [50]

Travis W. Vandergriff, MD

Chief Resident, Department of Dermatology, University of Texas Southwestern Medical Center, Dallas, TX [91]

Evelien Verhaeghe, MD

Department of Dermatology, Ghent University Hospital, Ghent, Belgium [75]

Miikka Vikkula, MD, PhD

Maitre de Recherches du F.N.R.S.
Human Molecular Genetics (GEHU)
Christian de Duve Institute,
Université catholique de Louvain,
Brussels, Belgium [172]

John J. Voorhees, MD, FRCP

Professor, Department of
Dermatology, University of
Michigan, Ann Arbor, MI [217]

Justin J. Vujevich, MD

Director, Mohs Surgery, Vujevich
Dermatology Associates, PC,
Pittsburgh, PA [246]

Daniel Wallach, MD

Senior Lecturer, Department of
Dermatology, Hôpital Tarnier-
Cochin, Paris, France [33]

David J. Weber, MD, MPH

Professor of Medicine, Pediatrics, and
Epidemiology, University of North
Carolina, Chapel Hill, NC [180]

Roger H. Weenig, MD, MPH

Adjunct Assistant Professor,
Department of Dermatology,
University of Minnesota,
Minneapolis, MN [158]

Arnold N. Weinberg, MD

Professor, Infectious Disease Unit,
Department of Medicine, Harvard
Medical School, Boston, MA
[178, 179]

Martin A. Weinstock, MD, PhD

Professor, Departments of
Dermatology and Community
Health, Brown University,
Providence, RI [1]

Elliot T. Weiss, MD

Laser & Skin Surgery Center of New
York, New York and Southampton,
NY [252]

Margaret A. Weiss, MD

Department of Dermatology
Johns Hopkins University School of
Medicine, Baltimore, MD [249]

Robert A. Weiss, MD

Associate Professor, Department
of Dermatology, Johns Hopkins
University School of Medicine,
Baltimore, MD [249]

Victoria P. Werth, MD

Professor, Department of
Dermatology, University of
Pennsylvania School of Medicine,
Philadelphia, PA [224]

Lucile E. White, MD

Pearland Dermatology and
DermSurgery Associates, The
Methodist Hospital, Houston, TX
[127]

Hywel C. Williams, MSc, PhD, FRCP

Professor of Dermato-Epidemiology,
Centre of Evidence-Based
Dermatology, University of
Nottingham, Nottingham, UK [4]

Ifor R. Williams, MD, PhD

Associate Professor, Department
of Pathology, School of Medicine,
Emory University, Atlanta, GA [11]

Lynn D. Wilson, MD, MPH

Professor, Vice Chairman and
Clinical Director, Therapeutic
Radiology, Yale School of medicine,
Yale University, New Haven, CT
[240]

Karen Wiss, MD

Professor, Department of Medicine
(Dermatology) and Pediatrics,
University of Massachusetts
Medical School, Worcester, MA [192]

Klaus Wolff, MD, FRCP

Professor of Dermatology,
Chairman Emeritus, Department of
Dermatology, Medical University of
Vienna, Vienna, Austria [6]

Stephen E. Wolverton, MD

Theodore Arlook Professor of
Clinical Dermatology, Department
of Dermatology, Indiana University
School of Medicine, Indianapolis,
IN [236]

Sook-Bin Woo, DMD

Associate Professor, Department
of Oral Medicine, Infection and
Immunology, Harvard School of
Dental Medicine, Boston, MA [76]

Gary S. Wood, MD

Johnson Professor and Chairman,
Department of Dermatology,
University of Wisconsin School
of Medicine and Public Health,
Madison, WI [25, 146]

Robert A. Wood, MD

Professor, Department of Pediatrics,
Johns Hopkins University School
of Medicine, Baltimore, MD [229]

David T. Woodley, MD

Professor, Department of
Dermatology, The Keck School of
Medicine, University of Southern
California, Los Angeles, CA [60]

Sophie M. Worobec, MD, FAAD

Associate Professor, Department
of Dermatology, Chicago School
of Medicine, University of Illinois,
Chicago, IL [70]

Mina Yaar, MD

Professor, Department of Dermatology,
Boston University School of
Medicine, Boston, MA [72, 109]

Albert C. Yan, MD

Associate Professor, Departments
of Pediatrics and Dermatology,
School of Medicine, University of
Pennsylvania, Philadelphia, PA [130]

Kim B. Yancey, MD

Professor and Chair, Department of
Dermatology, University of Texas
Southwestern Medical Center,
Dallas, TX [57]

Gil Yosipovitch, MD

Professor, Department of
Dermatology, Wake Forest
University School of Medicine,
Winston Salem, NC [103]

Andrea L. Zaenglein, MD

Associate Professor, Departments of
Dermatology and Pediatrics, Penn
State Milton S. Hershey Medical
Center, Hershey, PA [80]

Mozheh Zamiri, BSc (Hons), MBChB, MRCP, MD

Specialist Registrar, Alan Lyell
Centre for Dermatology, Southern
General Hospital, Glasgow, Scotland
[50]

Christos C. Zouboulis, MD, PhD

Professor and Director, Departments
of Dermatology, Venereology,
Allergology and Immunology,
Dessau Medical Center, Dessau,
Germany [85, 166]

Kathryn A. Zug, MD

Professor, Section of Dermatology,
Dartmouth Medical School,
Hanover, NH [13]

Thomas E. Rohrer, MD

Clinical Associate Professor of
Dermatology, Brown University,
Alpert School of Medicine,
Providence, RI [243]

Melanie Kingsley

[243]