



CytoJournal Editorial Board

Editor-Emeritus



Barbara F. Atkinson, MD Exec Vice Chancellor, Kansas University Med Center, Kansas City, KS, USA

Editors-in-Chief



Richard M. DeMay, MD
Harvard Medical Center, Chicago, IL, USA



Martha B. Pitman, MD
Harvard Medical School, Boston, MA USA



Vinod B. Shidham, MD, FRCPath, FIAC
Wayne State Univ School of Medicine, Detroit, MI, USA

Executive Editor

Vinod B. Shidham, MD, FRCPath, FIAC
Wayne State Univ School of Medicine, Detroit, MI, USA

Associate Editors

Associate editors (Ad Hoc)

Lester Layfield, MD
University of Utah School of Medicine, Salt Lake City, UT, USA

Eva M. Wojcik, MD
Loyola University Medical Center, Chicago, IL, USA

Associate editors (Rotating)

Shikha Bose, MD
Cedars-Sinai Medical Center, Los Angeles, CA, USA

David C. Chhieng, MD, MBA, MSHI
Yale University, New Haven, CT, USA

Mamatha Chivukula, MD
University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Isam A. Eltoum, MD, MBA
University of Alabama at Birmingham, Birmingham, AL, USA

Rana S. Hoda, MD, FIAC
Weill Cornell Medical College, New York, NY, USA

Nirag Jhala, MD, MIAC
University of Pennsylvania Medical Center, Philadelphia, PA, USA

Sanjay Logani, MD, MIAC
McDermott, Spokane Valley, WA, USA

Sonya Naryshkin, MD, FIAC
Mercy Health System, Janesville, WI, USA

Liron Pantanowitz, MD
University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Husain Saleh, MD, FIAC, MBA
Wayne State University School of Medicine, Detroit, MI, USA

Momin T. Siddiqui, MD, FIAC
Emory University, Atlanta, GA, USA

Loures R. Ylagan, MD, FIAC
Roswell Park Cancer Institute, Buffalo, NY, USA

CytoJournal Monographs

CytoJ Monograph Committee Co-chairs



Zubair Baloch, MD, PhD
University of Pennsylvania Medical Center, Philadelphia, PA, USA



Shikha Bose, MD
Cedars-Sinai Medical Center, Los Angeles, CA, USA

CytoJ Monograph coeditors-in-chief



R. Marshall Austin, MD, PhD
University of Pittsburgh Medical Center, Pittsburgh, PA, USA



Ruth Katz, MD
M.D. Anderson Cancer Center, Houston, TX, USA



David C. Wilbur, MD
Harvard Medical School, Boston, MA USA

Cytopathology panel

Jamie L. Covell BS, CT (ASCP)
University of Virginia Health Sciences Center, Charlottesville, VA, USA

Indrepreet Dhillon, MS, CT (ASCP)
Detroit Medical Center, Detroit, MI, USA

Gary W. Gill, Indianapolis, IN, USA

Kalyani Naik, MS, SCT(ASCP)
University of Michigan Hospital, Ann Arbor, MI, USA

Consultant editors

John N. Eble, MD, MBA
Editor-in-chief, *Modern Pathology*, Indiana University School of Medicine, Indianapolis, IN, USA

Stacey E. Mills, MD
Editor-in-chief, *American Journal of Surgical Pathology*, University of Virginia Health Science Center, Charlottesville, VA, USA

Mark R. Wick, MD
Editor-in-chief, *American Journal of Clinical Pathology*, University of Virginia Health Science Center, Charlottesville, VA, USA

Best in CytoJ Award Committee Chair

Michael B. Cohen, MD
Richard G. Lynch Chair of Experimental Pathology, The University of Iowa, IA, US

Founding Editor

Vinod B. Shidham, MD, FRCPath, FIAC
Wayne State University School of Medicine, Detroit.

CytoJournal International Editorial Panel

Argentina

Ricardo Drut, MD
(patologia@nervik.com.ar)
Hospital De Ninos, La Plata, Argentina

Boris Elsner, MD
(belsner@elsitio.net)
Argentina

Lucrecia Illescas, MD, FIAC
(illescas@fibertel.com.ar)
Instituto Papanicolaou, Buenos Aires, Argentina

Australia

Andrew Field MB BS (Hons), FRCPA, FIAC, Dip of Cytopath (RCPA) (afield@stvincents.com.au)
St Vincents Hospital, New South Wales, Australia

Belgium

John-Paul Bogers, MD, PhD
(John-Paul.Bogers@ua.ac.be)
University of Antwerp- Campus Groenenborger, Antwerp (Wilrijk), Belgium

Alain Verhest, M.D., Ph.D., FIAC
(alain.verhest@borstel.be)
Institut Jules Bordet, Brussels, Belgium

Brazil

Joao Prola, MD
(jprola@yahoo.com)
Hospital de Clinicas de Porto Alegre, RS, Brazil

Vinicius Duval da Silva, MD, M.I.A.C.
(vinid@guars.br / vinid@terra.com.br)
Hospital Sao Lucas da PUCRS - IPB, Porto Alegre, Brazil

Canada

Manon Auger, MD, FRCP(C)
(manon.auger@mcgill.ca)
McGill University Health Center, Montreal, PQ, Canada

Dipankar Banerjee, MChB,FRCP,PhD
(dbanerje@bccancer.bc.ca)
BC Cancer Agency, Vancouver BC, Canada

Terence J. Colgan, MD,FRCP,FCAP,MIAC
(tcolgan@mtsina.on.ca)
Mount Sinai Hospital, Toronto, ON, Canada

China

Dongge Liu, MD(PhD)
(liudongge@sohu.com)
Beijing Hospital, Beijing 100730, P. R. China

France

Beatrix Cochand-Priollet, MD, Ph D, MIAC
(beatrix.cochand-priollet@irb.ap-hop-paris.fr)
Lariboisiere Hospital, Paris cedex, France

Jerzy Kijanienko, MD
(Jerzy.Kijanienko@curie.net)
Institut Curie, Paris, France

Germany

Magnus von Knebel Doeberitz, MD, PhD
(knebel@med.uni-heidelberg.de)
University of Heidelberg, Heidelberg, Germany

Ulrich Schenck MD
(ulrich@schenck.de)
Technical University of Munich, Munich, Germany

India

Prakash Patil, MD, PhD
(dprakash_patil@yahoo.co.in)
JN Medical College, Belgaum, India

Arvind Rajwanshi, MD, MIAC, MNAMS, FRCPath
(rajwanshiarvind@gmail.com)
Post Graduate Institute of Medical Education & Research, Chandigarh, India

Ravi Mehrotra, MD, MNAMS
(ms8509@gmail.com)
Moti Lal Nehru Medical College, Allahabad, India

Italy

Guido Fadda, MD
(GuidoFadda@RM.unica.it)
Catholic University - Largo Francesco Vito, Rome, Italy

Pio Zeppa, M.D.
(zeppa@unina.it)
Universita di Napoli "Federico II", Napoli, Italy

Japan

Toshiaki, Kawai, MD
(kawai@doc.nimc.ac.jp)
National Defense Medical College, Tokyo, Japan

Robert Y. Osamura, MD
(osamura@is.tokai.ac.jp)
Tokai University School of Medicine, Kanagawa, Japan

Jordan

Maier A. Sughayer, MD
(maughayer@hcc.jo.msuqhar@hotmail.com)
King Hussein Cancer Center, Amman, Jordan

Lebanon

Nina Salem Shabb, MD
(ns04@aub.edu.lb)
American University of Beirut, Medical Center, Beirut, Lebanon

Netherlands

Mathilde E. Boon, MD
(m.e.boon@icpl.nl)
Leiden Cytopath & Path Laboratory, Leiden, The Netherlands

Pakistan

Syed Mulazim Hussain Bukhari, MBBS, DCP, FCPS, PhD
(drmbukhari@yahoo.com)
King Edward Medical University, Lahore, Pakistan

Poland

Wlodzimirz T. Olszewski, MD PhD
(wolszewski@col.waw.pl)
Institute of Oncology, Warsaw, Poland

Portugal

Margarida Almeida, MD
(Margarida.Almeida@ipm.mim-saude.pt)
Hospital Santa Maria, Lisbon, Portugal

Evelina Mendonca, MD, MIAC
(emendonca@poliboa.mim-saude.pt)
Instituto Portugues de Oncologia - Centro Regional de Lisboa, Lisboa, Portugal

Fernando Carlos de Landêr Schmitt, MD
(Fernando.Schmitt@palmup.pt)
da Universidade do Porto, Porto, Portugal

Singapore

Alexander Russell Chang, MD (Olago), FRCPA, FHKCP (patarc@nus.edu.sg)
National University of Singapore, Singapore

Aileen Wee, MBBS, MRCPat, FRCPA (patwee@nus.edu.sg)
National University Hospital, Singapore

South Africa

Pam Michelow, MBChB, MSc (Med Sci), MIAC (afainman@iafrica.com)
National Health Laboratory Service (NHLS), Johannesburg, South Africa

Spain

Jose M RIVERA Romar, MD
(mrivera@ccru.osakidetza.net)
Universidad Del Pais Vasco, Bilbao, Spain

Mercades Santamaria Martinez, MD
(msantamaria@medena.es)
Hospital De Navarra, Pamplona, Spain

Sweden

Annika Dejmek, MD, PhD
(annika.dejmek@mas.lu.se)
Malmö, Lund University, Malmö, Sweden

Karin Lindholm, MD
(karin.e.lindholm@telia.com)
Karolinska Institutet Hospital, Malmö, Sweden

Edneia Tani, MD
(edneiatani@karolinska.se)
Karolinska Hospital, Stockholm, Sweden

Turkey

Binnur Uzme Onal, MD, FEBP, FIAC
(binnuruz@yaho.com)
SSK Training & Research Hospital, Ankara, Turkey

Mehmet Akif Demir, MD
(akifdemir@vrgregion.se)
Celal Bayar University, Manisa, Turkey

UK

Minaxi S. Desai, MBBS, FRCPath
(mrina.desai@cmcm.nhs.uk)
Central Manchester & Manchester Children's University Hospital, Manchester, UK

John H. F Smith, MD
(John.H.Smith@sth.nhs.uk)
Royal Hallamshire Hospital, Sheffield, UK

Allan Wilson, MD
(Allan.Wilson@lanarkshire.scot.nhs.uk)
Manklands Hospital, Airdrie, UK

Uruguay

Carmen Alvarez Santin, MD
(alsantin@adnet.com.uy)
Laboratorio de Anatomia Patologica y Citologia, Facultad de Medicina, Montevideo, Uruguay

CytoJournal Virtual Trainee (CVT) Corner

(Under evolution)

Lead section editor

Wald E. Khalbuss, MD, PhD
University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Section editors

Zubair Baloch, MD, PhD
University of Pennsylvania Medical Center, Philadelphia, PA, USA

Guido Fadda, MD
Catholic University - Largo Francesco Vito, Rome, Italy

Liron Pantanowitz, MD
University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Paul Tranchida, MD
Wayne State Univ School of Medicine & DMC, Detroit, MI, USA

Medicolegal panel

Dennis R. McCoy, JD
Hiscock & Barclay, Attorneys at Law, New York, NY.

Mark S. Siddoti, Esq.
Gibbons PC, New York, NY.

Michael S. Berger, JD
Andres & Berger, P.C., Haddonfield, NJ, USA

Ken Gatter, MD, JD (gatterk@ohsu.edu)
Oregon Health and Sciences University, Portland, OR

Statistical Advisor

Varghese George, PhD (USA)

CytoJ OA Advocacy Committee Chair

Lynn Sandweiss, MPH (lynn.sandweiss@gmail.com)

Managing Editor

Anjani Shidham, BS (USA)