

Clinical Chemistry

Volume 64, Number 11, Pages 1553–1678 NOVEMBER 2018

EDITOR-IN-CHIEF

Nader Rifai
Boston Children's Hospital
Harvard Medical School
Boston, MA

DEPUTY EDITORS

Thomas M. Annesley
University of Michigan
Ann Arbor, MI

James C. Boyd
University of Virginia
Charlottesville, VA

ASSOCIATE AND SECTION EDITORS

Fred S. Apple
Hennepin County Medical Center
University of Minnesota
Minneapolis, MN

Linnea M. Baudhuin
Perspectives Editor
Mayo Clinic
Rochester, MN

Michael J. Bennett
University of Pennsylvania
Philadelphia, PA

Rossa W.K. Chiu
Q&A Editor
The Chinese University of Hong Kong
China

Christina Ellervik
AACC Learning Lab Co-Editor
Boston Children's Hospital
Harvard Medical School
Boston, MA

Paolo Fortina
Thomas Jefferson University
Philadelphia, PA

Ann Gronowski
Clinical Case Studies Co-Editor
Clinical Chemistry
Trainee Council Co-Chair
Washington University
School of Medicine
St. Louis, MO

Shannon Haymond
Social Media Editor
Ann & Robert H. Lurie
Children's Hospital of Chicago
Northwestern University
Chicago, IL

Andrew N. Hoofnagle
University of Washington
Seattle, WA

Gary L. Horowitz
Clinical Case Studies Co-Editor
Tufts Medical Center
Boston, MA

Y.M. Dennis Lo
The Chinese University of Hong Kong
China

Stephen R. Master
Reviews Co-Editor
Children's Hospital of Philadelphia
Philadelphia, PA

W. Greg Miller
Virginia Commonwealth University
Richmond, VA

Jason Y. Park
Reviews Co-Editor
University of Texas
Southwestern Medical Center
Dallas, TX

Robert Rej
New Media Editor
Wadsworth Center for
Laboratories and Research
Albany, NY

David B. Sacks
National Institutes of Health
Bethesda, MD

Mitchell G. Scott
Washington University
School of Medicine
St. Louis, MO

Carl T. Wittwer
University of Utah
Salt Lake City, UT

Ian Young
Queen's University
Belfast, Northern Ireland

BOARD OF EDITORS

Patrick M.M. Bossuyt
Academic Medical Center
University of Amsterdam
The Netherlands

Carey-Ann Burnham
Washington University
School of Medicine
St. Louis, MO

Stephen A. Bustin
Anglia Ruskin University
Chelmsford, United Kingdom

Steven A. Carr
Broad Institute
Harvard University/MIT
Cambridge, MA

Nancy Cook
Brigham and Women's Hospital
Harvard Medical School
Boston, MA

R. Graham Cooks
Purdue University
West Lafayette, IN

Mari L. DeMarco
University of British Columbia
Providence Health Care
Vancouver, Canada

Charles S. Eby
Washington University
School of Medicine
St. Louis, MO

Graeme Eisenhofer
Dresden Technical
University Medical Center
Germany

Frank B. Hu
Harvard School of Public Health
Boston, MA

Marilyn A. Huestis
National Institute on Drug Abuse
Baltimore, MD

John P.A. Ioannidis
Stanford University
Stanford, CA

David R. Jacobs, Jr.
University of Minnesota
Minneapolis, MN

Allan Jaffe
Mayo Clinic
Rochester, MN

Peter A. Kavsak
McMaster University
Hamilton, Ontario
Canada

Kathleen F. Kerr
University of Washington
Seattle, WA

Wolfgang Koenig
University of Ulm Medical Center
Germany

Larry J. Kricka
University of Pennsylvania
Philadelphia, PA

Kristian Linnet
University of Copenhagen
Denmark

Kara L. Lynch
University of California San Francisco
San Francisco, CA

G. Mike Makrigiorgos
Dana Farber Cancer Institute
Harvard Medical School
Boston, MA

JoAnn E. Manson
Brigham and Women's Hospital
Harvard Medical School
Boston, MA

Elaine R. Mardis
Institute for Genomic Medicine
The Ohio State University
Columbus, OH

David A. Morrow
Brigham and Women's Hospital
Harvard Medical School
Boston, MA

Børge G. Nordestgaard
Copenhagen University Hospital
Denmark

Amanda G. Paulovich
Fred Hutchinson Cancer
Research Center
Seattle, WA

Alan Remaley
National Institutes of Health
Bethesda, MD

Ulf-Håkan Stenman
Helsinki University Central Hospital
Finland

Linda M. Thienpont
Ghent University
Belgium

Gregory J. Tsongalis
Dartmouth-Hitchcock Medical Center
Lebanon, NH

Jennifer E. Van Eyk
Cedars-Sinai Medical Center
Los Angeles, CA

Kenneth W. Witwer
The Johns Hopkins University
School of Medicine
Baltimore, MD

SYCL LIAISON

Brenda Suh-Lailam
Ann and Robert H. Lurie Children's Hospital of Chicago
Chicago, IL

SENIOR DIRECTOR

Matt Boyle

DIRECTOR

Sheehan Misko

ASSISTANT MANAGING EDITOR

Kristen Hauck

EDITORIAL SPECIALISTS

Patty Brady

Erin Roberts