

# Clinical Chemistry

Volume 55, Number 4, Pages 601–844

APRIL 2009

---

## EDITOR-IN-CHIEF

**Nader Rifai**  
Children's Hospital Boston  
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

**Michael J. Bennett**  
*Reviews Editor*  
University of Pennsylvania  
Philadelphia, PA

**David E. Bruns**  
*Perspectives Editor*  
University of Virginia  
Charlottesville, VA

**Eletherios P. Diamandis**  
*Citation Classics Editor*  
Mount Sinai Hospital  
University of Toronto  
Canada

**Robert Dufour**  
*Clinical Case Studies Co-Editor*  
George Washington University  
Washington, DC

**Ann Gronowski**  
*Clinical Case Studies Co-Editor*  
Washington University  
School of Medicine  
St. Louis, MO

**Glen L. Hortin**  
National Institutes of Health  
Bethesda, MD

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

**W. Greg Miller**  
Virginia Commonwealth University  
Richmond, VA

**Karel G.M. Moons**  
University Medical Center Utrecht  
The Netherlands

**Michael Oellerich**  
Georg-August-University  
Göttingen, Germany

**Alan Remaley**  
*Book Reviews Editor*  
National Institutes of Health  
Bethesda, MD

**David B. Sacks**  
Brigham and Women's Hospital  
Harvard Medical School  
Boston, MA

**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

**Douglas G. Altman**  
Centre for Statistics in Medicine  
Oxford, United Kingdom

**David Altshuler**  
Massachusetts General Hospital  
Harvard Medical School  
Boston, MA

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

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

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

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

**José Manuel Fernández-Real**  
Hospital of Girona "Dr. Josep Trueta"  
Spain

**W. Edward Highsmith, Jr.**  
Mayo Clinic  
Rochester, MN

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

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

**Allan Jaffe**  
Mayo Clinic  
Rochester, MN

**Klaus Jung**  
University Hospital Charité  
Berlin, Germany

**Wolfgang Koenig**  
University of Ulm Medical Center  
Germany

**Larry J. Kricka**  
University of Pennsylvania  
Philadelphia, PA

**Kristian Linnet**  
University of Copenhagen  
Denmark

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

**Mark E. Meyerhoff**  
University of Michigan  
Ann Arbor, MI

**Chad A. Mirkin**  
Northwestern University  
Evanston, IL

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

**Børge G. Nordestgaard**  
Copenhagen University Hospital  
Denmark

**Robert Rej**  
Wadsworth Center for  
Laboratories and Research  
Albany, NY

**William L. Roberts**  
University of Utah  
Salt Lake City, UT

**Tatsuya Sawamura**  
National Cardiovascular Center  
Osaka, Japan

**Matthias Schwab**  
Dr. Margarete Fischer-Bosch  
Institute of Clinical Pharmacology  
Stuttgart, Germany

**Meir Stampfer**  
Harvard School of Public Health  
Boston, MA

**Ulf-Håkan Stenman**  
Helsinki University Central Hospital  
Finland

**Philippa Talmud**  
University College London  
London, UK

**Linda M. Thienpont**  
Ghent University  
Belgium

**Per Magne Ueland**  
Haukeland Hospital  
Bergen, Norway

**Teun van Gelder**  
Erasmus Medical Center  
Rotterdam, The Netherlands

---

## PUBLISHER

**Mac Fancher**  
AACC  
Washington, DC

---

## MANAGING EDITOR

**Sheehan Misko**  
AACC  
Washington, DC

---

## EDITORIAL COORDINATORS

**Sarah J. Walker**  
AACC  
Washington, DC

**Rachelle Detweiler**  
AACC  
Washington, DC