

EDITOR IN CHIEF (2020)

Alexander J. McAdam
Boston Children's Hospital, Boston, Mass.

EDITORS

Carey-Ann D. Burnham, *Editor and The Brief Case* (2024)

Washington University School of Medicine, St. Louis, Mo.

Angela M. Caliando, *Editor and Point-Counterpoint* (2022)

Warren Alpert Medical School of Brown University, Providence, R.I.

Karen C. Carroll, *Editor* (2020)
The Johns Hopkins University School of Medicine, Baltimore, Md.

John P. Dekker, *Editor* (2024)
National Institutes of Health, Bethesda, Md.

Daniel J. Diekema, *Editor* (2023)
University of Iowa College of Medicine, Iowa City

Bradley W. Fenwick, *Editor* (2024)
University of Tennessee, Knoxville

Kimberly Hanson, *Editor* (2024)
University of Utah, Salt Lake City

Colleen S. Kraft, *Minireview Editor* (2024)
Emory University, Atlanta, Ga.

Geoffrey A. Land, *Editor* (2020)
Carter BloodCare & Baylor University Medical Center, Dallas, Tex.

Nathan A. Ledebor, *Editor and Point-Counterpoint* (2024)

Medical College of Wisconsin, Milwaukee

Michael J. Loeffelholz, *Editor* (2020)
Cepheid, Sunnyvale, Calif.

Alexander Mellmann, *Editor* (2022)
University Hospital Münster, Germany

Melissa B. Miller, *Editor* (2023)
UNC School of Medicine, Chapel Hill, N.C.

Erik Munson, *Editor, Photo Quiz, and Biographical Feature* (2023)

Wheaton Franciscan Laboratory, Wauwatosa, Wis.

Andrew B. Onderdonk, *Editor* (2020)
Brigham and Women's Hospital, Boston, Mass.

Bobbi S. Pritt, *Editor* (2024)
Mayo Clinic, Rochester, Minn.

Sandra S. Richter, *Editor* (2024)
bioMérieux, Durham, N.C.

Yi-Wei Tang, *Editor* (2023)
Cepheid, Shanghai, China

A list of potential conflicts of interest of *Journal of Clinical Microbiology* editors can be found at <https://jcm.asm.org/content/editor-conflicts-interest>.

Patrick D. Schloss, *Chairman, Journals Committee*

Stefano Bertuzzi, *Chief Executive Officer*

Melissa Junior, *Director, Journals*

Charles Brown, *Production Editor*

Manuel Cavazos, *Assistant Production Editor*

Laurie Webby, *Editorial Coordinator*

EDITORIAL BOARD

April Abbott (2021)
Alexandre Alanio (2020)
Adnan Alatoom (2020)
Kevin Alby (2020)
Neil Anderson (2020)
N. Esther Babady (2020)
Oliver Bader (2020)
Niaz Banaei (2020)
Matthew Bankowski (2020)
Allen Bateman (2021)
Kathryn Bernard (2020)
Gregory Berry (2021)
Sanjib Bhattacharyya (2020)
Patrick Blackall (2022)
Andrew Borman (2021)
James Borneman (2020)
German Bou (2020)
Stephen M. Brecher (2020)
Manfred Brigl (2021)
Barbara Brown-Elliott (2021)
Allen Bryan (2021)
Blake Buchan (2020)
Irene Burckhardt (2022)
Eileen Burd (2020)
Susan Butler-Wu (2020)
Gerald Capraro (2020)
João Carriço (2021)
Mariana Castanheira (2020)
Dominick Cavuoti (2021)
Robin Chamberland (2021)
Angella Charnot-Katsikas (2022)
Sharon Chen (2020)
Charles Chiu (2020)
Anuradha Chowdhary (2020)
Marc Couturier (2022)
Manuel Cuenca-Estrella (2020)
Scott Cunningham (2020)
Andre Dascal (2022)
Alexandre da Silva (2021)
Jennifer Dien Bard (2020)
Christopher Doern (2020)
Yohei Doi (2020)
James Dunn (2022)
Andrea Endimiani (2020)
Robert Fader (2020)
Joseph Falkinham (2020)
Cynthia Firnhaber (2020)
Bradley Ford (2020)
Graeme Forrest (2020)
Pierre-Edouard Fournier (2020)
Karen Frank (2021)
Thomas Fritsche (2021)
Stephanie Fritz (2022)
Wendy Garrett (2020)
Charlotte Gaydos (2021)

Peter Gilligan (2020)
Mark Gonzalez (2020)
Erin Graf (2021)
Daniel Green (2022)
Tom Gryz (2020)
Xiang-Yang Han (2021)
Dag Harmsen (2021)
Amanda Harrington (2020)
Susan Harrington (2021)
Nur Hasan (2022)
Jane Hata (2020)
Mary Hayden (2020)
Musa Hindiyeh (2020)
Hans Hirsch (2020)
Rick Hodinka (2021)
Noah Hoffman (2022)
Lori Holtz (2022)
Diana Huang (2020)
Romney Humphries (2021)
Michael Jacobs (2022)
Anders Jensen (2020)
J. Kristie Johnson (2020)
George Kallstrom (2020)
Katrien Lagrou (2021)
P. Rocco Lasala (2021)
Cornelia Lass-Flörl (2022)
Anna Lau (2020)
Sixto Leal (2022)
Amy Leber (2020)
Diane Leland (2021)
Shana Leopold (2022)
S. Wesley Long (2021)
Judith Lovchik (2020)
Yvonne Lue (2022)
Duncan MacCannell (2021)
Erin McElvania TeKippe (2020)
Lesley McGee (2020)
Steve Miller (2022)
Chris Minion (2021)
Brian Mochon (2022)
Thierry Naas (2020)
Susan Novak-Weekley (2021)
Mindy Nye (2020)
Kerry O'Donnell (2021)
Daniel Ortiz (2022)
Nicole Parrish (2020)
Morgan Pence (2022)
Matthew Pettengill (2021)
Virginia Pierce (2022)
Gaby Pfyffer (2020)
David Pincus (2022)
Benjamin Pinsky (2022)

Johann Pitout (2020)
Christopher Polage (2020)
Mario Poljak (2022)
Nira Pollock (2022)
Brunella Posteraro (2020)
Melinda Poulter (2020)
Gary Procop (2020)
Qinfang Qian (2020)
Mangalathu Rajeevan (2022)
Timothy Read (2022)
Ryan Relich (2021)
Ping Ren (2022)
Daniel Rhoads (2021)
Melinda Riedel (2022)
Ryan Saffert (2021)
Max Salfinger (2020)
Maurizio Sanguinetti (2020)
Sarah Satola (2021)
Bryan Schmitt (2020)
Audrey Schuetz (2020)
Rangaraj Selvarangan (2020)
Alberto Severini (2022)
Rosemary She (2020)
Thomas Shinnick (2020)
Sanjay Shukla (2021)
Patricia Simner (2022)
Gilman Siu (2020)
Evan Snitkin (2022)
Kathleen Stellrecht (2020)
Kaede Ota Sullivan (2020)
Nuntra Suwantararat (2020)
Elitza Theel (2022)
Matthew Thoendel (2022)
Richard (Tom) Thomson (2020)
Christine Turenne (2020)
Barbara Van Der Pol (2020)
Shawn Vasoo (2020)
Gilberto Vaughan (2020)
Jan Vinje (2021)
Nancy Wengenack (2020)
Lars Westblade (2022)
David Whiley (2020)
Lewis White (2020)
Brian Wickes (2020)
Raymond Widen (2020)
Craig Wilen (2022)
Lihua Xiao (2022)
Melanie Yarbrough (2021)
Suleyman Yildirim (2020)
Adrian Zelazny (2021)
Teresa Zembower (2022)
Guoqing Zhang (2022)
Sean Zhang (2020)
Jiangchao Zhao (2021)
Stefan Zimmermann (2020)

The *Journal of Clinical Microbiology* (ISSN 1098-660X), a publication of the American Society for Microbiology (ASM), 1752 N St., N.W., Washington, DC 20036-2904, is devoted to the dissemination of new knowledge concerning the applied microbiological aspects of human and animal infections and infestations, particularly regarding their etiologic agents, diagnosis, and epidemiology. Papers dealing with antibiotics and antimicrobial agents and chemotherapy, with fundamental aspects of infection and immunity, and with food or dairy microbiology fall within the scope of other ASM publications.

The *Journal of Clinical Microbiology* became an online-only journal with Volume 56, Issue 1 (January 2018). The final print issue was Volume 55, Issue 12 (December 2017). Previous print ISSN: 0095-1137.

Instructions to Authors are updated throughout the year. The current version is available on the journal website. The *Journal of Clinical Microbiology* is published monthly, one volume per year. For subscription prices, contact the Subscriptions Unit, ASM (asmjournals@subscriptionoffice.com). Correspondence relating to reprint orders should be directed to ASM Author Services (ASM.AuthorServicesSupport@cenveo.com), and correspondence relating to disposition of submitted manuscripts, proofs, and general editorial matters should be directed to the Journals Department, American Society for Microbiology, 1752 N St., N.W., Washington, DC 20036-2904. Phone: (202) 737-3600 (see <https://journals.asm.org/content/contact-us>). ASM policies for permissions, commercial reprints, and ePrints can be found at <https://journals.asm.org/content/permissions>.

CODEN: JCMIDW

doi:10.1128/JCM.masthead.58-4

Copyright © 2020 American Society for Microbiology. All Rights Reserved.