

JIM is the official publication of the American Federation for Medical Research (AFMR).

Editor-in-Chief

Richard W. McCallum, MD,
 Gastroenterology, El Paso, TX

Editor Emeritus

Michael McPhaul, MD
 Endocrinology, Dana Point, CA

Associate Editors

Michael S. Bronze, MD
 Infectious Disease, Oklahoma City, OK

Paul Casner, MD
 Geriatrics, El Paso, Texas

David P. Cistola, MD, PhD
 Endocrinology, El Paso, TX

Ricardo Correa, MD
 Endocrinology, Phoenix, AZ

Samrat U. Das, MD
 Pediatrics, Durham, NC

Patrice Delafontaine, MD, FACC, FACP,
 FAHA, FESC; Cardiology New Orleans, LA

Alok Dwivedi, PhD
 Biostatistics & Epidemiology, El Paso, TX

Octavian C. Ioachimescu, MD, PhD
 Pulmonary, Allergy, Critical Care, Sleep
 Medicine & Health Outcomes Decatur, GA

Richard A. Lange, MD, MBA
 Cardiology, El Paso, TX

Robert T. Means, Jr., MD
 Hematology/Oncology, Johnson City, Tenn

MingMing Ning, MD, MMSc
 Neurology, Boston, Mass

Don C. Rockey, MD
 Hepatology, Charleston, SC

Charles Sanders, MD, MACP
 Infectious Diseases, New Orleans, LA

Peter Thompson, MD, MS
 Psychiatry, El Paso, Texas

Peter N. Van Buren, MD
 Nephrology, Dallas, TX

G. Nicholas Verne, MD
 Gastroenterology, Memphis, TN

Peter H. Wiernik, MD
 Hematology/Oncology, Chappaqua, NY

Charles Wingo, MD
 Nephrology, Gainesville, FL

Amir A. Zeki, MD, MAS
 Pulmonology, Davis, California

Yutong Zhao, MD, PhD
 Biomedical Research, Columbus, Ohio

Social Media Editor

Amit Dey, MD
 Bethesda, Maryland

Subscription Information

JIM is published eight times a year
 (subscribers receive all supplements)
 ISSN 1081-5589 (print)
 ISSN 1708-8267 (digital)

Institutional Rates 2020

Print

Institutional

Extra Small \$1,391

Print Only \$1,391

Small \$1,391

Print Only \$1,391

Medium \$1,391

Print Only \$1,391

Large \$1,391

Print Only \$1,391

Extra Large \$1,391

Print Only \$1,391

OA Article Publication Charges

OA APC **CC-BY-NC** \$2000

OA APC **CC-BY** \$2,580

Online

Site licenses are priced on FTE
 basis and allow access by the
 whole institution.

***Journal of Investigative Medicine (JIM)* is the official publication of the American Federation for Medical Research (AFMR). In keeping with the mission of the AFMR, *JIM* publishes original, high quality clinical and translational research. *JIM* also provides an avenue by which investigators can publish scholarly reviews relevant to the research-focused mission of the AFMR.**

Editorial Board

Stephanie L. Baer, MD
 Augusta, Georgia

Dawn B. Davis, MD, PhD
 Madison, Wisconsin

Janice P. Dutcher, MD
 The Bronx, New York

Vijay Gayam, MD
 Brooklyn, New York

L. Parker Gregg, MD
 Dallas, Texas

Taylor B. Harrison, MD
 Atlanta, Georgia

Armand A. Krikorian, MD, FACE
 Oak Lawn, Illinois

Suthat Liangpunsakul, MD, MPH
 Westfield, Indiana

Marco Marcelli, MD
 Houston, Texas

Allison B. Reiss, MD
 Mineola, New York

Florence Rothenberg, MS, MD
 Cincinnati, Ohio

Leticia M. Ryan, MD, MPH
 Baltimore, Maryland

Michael Schivo, MD, MAS
 Sacramento, California

Attaya Suvannasankha, MD
 Indianapolis, Indiana

Abraham Thomas, MD, MPH
 Springfield, Massachusetts

Kristina Utschneider, MD
 Seattle, Washington

Gloria Lena Vega, MD
 Dallas, Texas

Cherry Wongtrakool, MD
 Decatur, Georgia

Karina Torralba, MD
 Loma Linda, CA

Eastern Chair

Shireen M. Atabaki, MD, MPH
 Washington, DC

Eastern Chair-Elect

Theo Trandafirescu, MD
 Bayside, NY

Eastern Secretary-Treasurer

Akankasha Goyal, MD
 New York, NY

Midwestern Chair

Joumana T. Chaiban, MD, FACE
 Chicago, IL

Midwestern Chair-Elect

Attaya Suvannasankha, MD
 Indianapolis, IN

Midwestern Secretary-Treasurer

Jennifer Alexander-Brett, MD, PhD
 Saint Louis, MO

Southern Chair

Samrat U. Das, MD
 Durham, NC

Southern Chair-Elect

Viranuj Sueblinvong, MD
 Decatur, GA

Southern Secretary-Treasurer

Stephanie L. Baer, MD
 Augusta, GA

Western Chair

Everardo Cobos, MD
 Bakersfield, CA

Western Chair-Elect

Prasanth Surampudi, MD
 Sacramento, CA

Western Secretary-Treasurer

Melanie Cree-Green, MD
 Aurora, CO

Contact Details

Editorial Office

Chloe Tuck and Rachel Wright

T: +1 919 240 5000

E: info.jim@bmj.com

Assistant to the Editor-in-Chief

Karina Espino

E: karina.espino@ttuhsc.edu

Production Editor

Tasnia Nizam

E: production.jim@bmj.com

Publisher & Supplement Enquiries

Kathy Lyons

BMJ Publishing Group Ltd

2 Hudson Place, 3rd Floor,

Hoboken, NJ 07030

E: klyons@bmj.com

T: +1 507 788 0836

American Federation for Medical Research

500 Cummings Center,

Suite 4400,

Beverly, MA 01915, USA

T: 978-927-8330

www.afmr.org

Customer support

For general queries and support with existing and new subscriptions:

W: support.bmj.com

T: +44 (0)20 7111 1105

E: support@bmj.com

Self-archiving and permissions

W: bmj.com/company/products-services/rights-and-licensing/

E: bmj.permissions@bmj.com

Advertising

W: bmj.com/company/for-advertisers-and-sponsor/

Display Advertising ROW

Sophie Fitzsimmons

T: +44 (0)20 3655 5612

E: sfitzsimmons@bmj.com

Online Advertising ROW

Marc Clifford

T: +44 (0)20 3655 5610

E: mclifford@bmj.com

Display & Online Advertising Americas

American Medical Communications (AMC)

T: +1 973 214 4374

E: rgordon@americanmedicalcomm.com

Reprints

Author Reprints

BMJ Reprints Team

E: admin.reprints@bmj.com

Commercial Reprints ROW

Nadia Gurney-Randall

M: +44 (0)7866 262 344

E: ngurneyrandall@bmj.com

Commercial Reprints Americas

Ray Thibodeau

T: +1 267 895 1758

M: +1 215 933 8484

E: ray.thibodeau@contentednet.com

For all other *JIM* queries:

<http://jim.bmj.com/content/contact-us>