

Journal of Stroke and Cerebrovascular Diseases

OFFICIAL JOURNAL OF THE NATIONAL STROKE ASSOCIATION
AND THE JAPAN STROKE SOCIETY

Editors:

José Biller, MD
*Department of Neurology
Loyola University Medical
Center
Maywood, IL*

Masatoshi Fujishima, MD
*Kyushu University
Fukuoka, Japan*

Founding Editor

Clark Millikan, MD

Associate Editors

Harold P. Adams, Jr, MD
*University of Iowa Hospitals
Iowa City, IA*

Fumio Gotoh, MD
*Keio University
Tokyo, Japan*

Katsuya Nishimaru, MD
*Fukuoka University
Fukuoka, Japan*

Fletcher H. McDowell, MD
*Burke Rehabilitation Institute
White Plains, NY*

Isamu Saito, MD
*Kyorin University
Tokyo, Japan*

David G. Sherman, MD
*University of Texas Health
Science Center
San Antonio, TX*

Gary K. Steinberg, MD, PhD
*Stanford University Medical Center
Stanford, CA*

Jack P. Whisnant, MD
*Mayo Clinic
Rochester, MN*

Fay Whitney, RN, PhD
*University of Wyoming
Laramie, WY*

Takenori Yamaguchi, MD
*National Cardiovascular Center
Osaka, Japan*

Yukio Yamori, MD
*Kyoto University
Kyoto, Japan*

Takehiko Yanagihara, MD
*Osaka University
Osaka, Japan*

Book Review Editor

Camilo R. Gomez, MD
*The University of Alabama at
Birmingham Comprehensive
Stroke Center
Birmingham, AL*

Managing Editor

MaryAnn Baumhart

Editorial Manager

Rika Kojima

Koji Abe, MD
Okayama, Japan

Robert J. Adams, MD
Augusta, GA

Milton Alter, MD
Philadelphia, PA

Takao Asano, MD
Saitama, Japan

R. Asherson, MD
Cape Town, South Africa

Robert W. Baloh, MD
Los Angeles, CA

Fernando
Barinagarramenteria, MD
Mexico City, Mexico

Oscar Benavente, MD
San Antonio, TX

Richard Bohannon, PhD
Storrs, CT

Robin Brey, MD
San Antonio, TX

Thomas G. Brott, MD
Jacksonville, FL

John C.M. Brust, MD
New York, NY

Louis R. Caplan, MD
Boston, MA

Gary D. Clark, MD
Rochester, NY

James J. Corbett, MD
Jackson, MS

James R. Couch, Jr., MD
Oklahoma City, OK

Bruce M. Coull, MD
Tucson, AZ

Exuperio Diez-Tejedor, MD, PhD
Madrid, Spain

Mary L. Dombovy, MD
Rochester, NY

J. Donald Easton, MD
Providence, RI

Susan C. Fagan, PharmD
Detroit, MI

Marc Fisher, MD
Worcester, MA

Mark J. Fisher, MD
Los Angeles, CA

James D. Fleck, MD
Indianapolis, IN

Jeffrey I. Frank, MD
Chicago, IL

Yasuo Fukuuchi, MD
Tochigi, Japan

Osvaldo Fustinoni, MD
Buenos Aires, Argentina

Editorial Board

Anthony J. Furlan, MD
Cleveland, OH

Rubens José Gagliardi, MD
São Paulo, Brazil

Patricia A. Grady, PhD
Bethesda, MD

James C. Grotta, MD
Houston, TX

Robert G. Hart, MD
San Antonio, TX

Nobuo Hashimoto, MD
Kyoto, Japan

Jun Hatazawa, MD
Osaka, Japan

Cathy M. Helgason, MD
Chicago, IL

Roberto Heros, MD
Miami, FL

Shunsaku Hirai, MD
Gunma, Japan

Genjiro Hirose, MD
Ishikawa, Japan

Kiyohiro Houkin, MD
Hokkaido, Japan

Carlos S. Kase, MD
Boston, MA

Yasuo Katayama, MD
Tokyo, Japan

Takaaki Kirino, MD
Tokyo, Japan

Shotai Kobayashi, MD
Shimane, Japan

Richard B. Lazar, MD
Chicago, IL

Christopher Loftus, MD
Oklahoma City, OK

Alfredo M. Lopez, MD
Indianapolis, IN

Patrick Lyden, MD
San Diego, CA

John R. Marler, MD
Bethesda, MD

Ayrton Massaro, MD
São Paulo, Brazil

Junichi Masuda, MD
Shimane, Japan

Masayasu Matsumoto, MD
Hiroshima, Japan

Marc R. Mayberg, MD
Cleveland, OH

James F. Meschia, MD
Jacksonville, FL

John Stirling Meyer, MD
Houston, TX

Kazuo Minematsu, MD
Osaka, Japan

Izumi Nagata, MD
Nagasaki, Japan

Ken Nagata, MD
Akita, Japan

Joji Nakagawara, MD
Hokkaido, Japan

Shigenobu Nakamura, MD
Hiroshima, Japan

Jun Ogata, MD
Osaka, Japan

Akira Ogawa, MD
Iwate, Japan

Hideki Ozawa, MD
Osaka, Japan

Ernesto Potes, MD
Baltimore, MD

Thomas R. Price, MD
Baltimore, MD

Michael Pritz, MD, PhD
Indianapolis, IN

Manuel Ramirez-Lassepas, MD
St. Paul, MN

Michael J. Reding, MD
White Plains, NY

James M. Robertson, MD
Memphis, TN

Tomio Sasaki, MD
Fukuoka, Japan

Jeffrey Saver, MD
Los Angeles, CA

Christopher Shields, MD
Louisville, KY

Kunio Shimazu, MD
Saitama, Japan

Yukito Shinohara, MD
Kanagawa, Japan

Cathy Sila, MD
Cleveland, OH

Donald B. Smith, MD
Englewood, CO

Akira Takahashi, MD
Miyagi, Japan

Kunio Tashiro, MD
Hokkaido, Japan

Hideo Tohgi, MD
Iwate, Japan

James F. Toole, MD
Winston-Salem, NC

Shinichiro Uchiyama, MD
Tokyo, Japan

Kazuo Ueda, MD
Fukuoka, Japan

Jesse Weinberger, MD
New York, NY

David O. Wiebers, MD
Rochester, MN

Linda S. Williams, MD
Indianapolis, IN

Kazuo Yamada, MD
Aichi, Japan

Justin A. Zivin, MD
La Jolla, GA

