

epilepsy research

INTERNATIONAL MULTIDISCIPLINARY JOURNAL DEVOTED
TO EXPERIMENTAL AND CLINICAL EPILEPTOLOGY

Editor-in-Chief:

Prof. David M. Treiman, Newsome Chair in Epileptology, Professor of Neurology, Director, Epilepsy Center, Barrow Neurological Institute, 500 W. Thomas Road, Suite 720, Phoenix, AZ 85013, USA

Associate Editors:

Basic Research: Prof. Merab Kokaia, Lund University, Department of Neurology, Lund, Sweden

Clinical Research: Prof. Howard P. Goodkin, The Shure Professor of Pediatric Neurology, Departments of Neurology and Pediatrics, University of Virginia, Charlottesville, VA 22908 U.S.A

Prof. Byung-In Lee, Inje University, Haeundae Paik Hospital, Epilepsy Center, 875, Haeun-daero, Haeundae-gu, 612-896, Busan, The Republic of Korea

Editorial Board:

C. Acevedo, (Santiago, Chile)
C. Begley, (TX, USA)
M. Bialer, (Jerusalem, Israel)
J.M. Blasco-Ibáñez, (Valencia, Spain)
I. Blümcke, (Erlangen, Germany)
Y. Bozzi, (Trento, Italy)
C. Brandt, (Hannover, Germany)
E. Brodtkorb, (Trondheim, Norway)
J.E. Cavazos, (San Antonio, USA)
F. Cendes, (Campinas, Brazil)
H. Cross, (London, UK)
M. De Curtis, (Milano, Italy)
D. Ding, (Shanghai, China)
J.S. Duncan, (London, UK)
T.M. Ellmore, (NY, USA)
D. Fujikawa, (North Hills, USA)

W. Gaillard, (MD, USA)
A.S. Galanopoulou, (NY, USA)
O. Gröhn, (Kuopio, Finland)
C. Guerreiro, (Valinhos, Brazil)
C.L. Harden, (NY, USA)
W.A. Hauser, (NY, USA)
L.D. Iasemidis, (Ruston, LA)
Y. Jiang, (Beijing, China)
J. Kerrigan, (Phoenix, USA)
M. Koepp, (London, UK)
R. Köhling, (Berlin, Germany)
P. Kwan, (Parkville, Australia)
S.K. Lee, (Seoul, Korea)
H.W. Lee, (Seoul, Korea)
K. Lukasiuk, (Warsaw, Poland)
M. Mikati, (NC, USA)

T. O'Brien, (Victoria, Australia)
E. Perucca, (Pavia, Italy)
A. Pitkänen, (Kuopio, Finland)
H. Potschka, (Munich, Germany)
J. Régis, (Marseille, France)
A. Represa, (Marseille, France)
L.L. Rocha, (Mexico, DF, Mexico)
M. Seeck, (Geneva, Switzerland)
E. So, (MN, USA)
G. Sperk, (Innsbruck, Austria)
H. Stefan, (Erlangen, Germany)
W.H. Theodore, (MD, USA)
S. Thomas, (Kerala State, India)
L. Velisek, (NY, USA)
A. Vezzani, (Milano, Italy)
D. Zhou, (Chengdu, China)

Previous Editors:

F. Gilliam, Co-Editor — 2007–2008
M. Koepp, Associate Editor — 2012–2017
P. Kwan, Associate Editor — 2015–2016
I.E. Leppik, Managing Editor — 1985–2006
W. Löscher, Managing Editor — 1985–2006

R.L. Macdonald, Managing Editor — 1990–2006
R.W. Olsen, Managing Editor — 1985–1989
A. Pitkänen, Co-Editor — 2007–2012
D. Schmidt, Managing Editor — 1985–2006
W.H. Theodore, Co-Editor — 2009–2012

Processed at Thomson Digital, Gangtok (India)

Volume 149 (2019)



ELSEVIER

Amsterdam – Boston – London – New York – Oxford – Paris – Philadelphia – San Diego – St. Louis