

# CLINICAL NEUROPHYSIOLOGY

*The Journal was founded by the International Federation of Clinical Neurophysiology*

OFFICIAL JOURNAL of the  
INTERNATIONAL FEDERATION OF CLINICAL NEUROPHYSIOLOGY  
CZECH SOCIETY OF CLINICAL NEUROPHYSIOLOGY  
BRAZILIAN SOCIETY OF CLINICAL NEUROPHYSIOLOGY  
INTERNATIONAL SOCIETY FOR INTRAOPERATIVE NEUROPHYSIOLOGY

## EDITOR-IN-CHIEF

Ulf Ziemann (*Editor-in-Chief*)  
Tel.: +49 (0)7071 2982049  
Fax: +49 (0)7071 295260  
E-mail: ulf.ziemann@uni-tuebingen.de

## ASSOCIATE EDITORS

Robert J. Barry (*Wollongong, Australia*)  
John-Stuart Brittain (*Oxford, UK*)  
James G. Colebatch (*Sydney, Australia*)  
Zafiris J. Daskalakis (*Toronto, Canada*)  
Olivia Gosseries (*Liège, Belgium*)  
Christian Grefkes (*Cologne, Germany*)  
Lisa Hobson-Webb (*Durham, USA*)  
Ron Lesser (*Baltimore, USA*)  
David MacDonald (*Riyadh, Saudi Arabia*)  
Hartwig R. Siebner (*Copenhagen, Denmark*)  
Andrea Truini (*Rome, Italy*)  
Yoshikazu Ugawa (*Fukushima, Japan*)

## THE EXECUTIVE BOARD

consists of the Executive Committee of the International Federation:

W. Paulus <i>President</i>	A. Husain <i>Treasurer</i>
M. Hallett <i>Past President</i>	R. Kakigi <i>Asia-Oceania Chapter</i>
D. Burke <i>Editor-in-Chief of Clinical Neurophysiology Practice</i>	J. Guiterrez <i>Latin America Chapter</i>
U. Ziemann <i>Editor-in-Chief of Clinical Neurophysiology</i>	J. Cole <i>European Middle East &amp; Africa Chapter</i>
R. Verdugo <i>Secretary</i>	D. Sanders <i>North America Chapter</i>

## PAST EDITORS-IN-CHIEF

1949–1961	Herbert H. Jasper ( <i>Canada</i> )	1987–1995	François Mauguière ( <i>France</i> )
1962–1973	William Cobb ( <i>UK</i> )	1988–1999	Gastone G. Celesia ( <i>USA</i> )
1973–1984	Mary A.B. Brazier ( <i>USA</i> )	1995–2003	Paolo Rossini ( <i>Italy</i> )
1984–1987	Hans van Duijn ( <i>The Netherlands</i> )	2000–2008	Mark Hallett ( <i>USA</i> )
1987	Timothy Pedley ( <i>USA</i> )	2008–2015	David Burke ( <i>Australia</i> )

## HON. CONSULTING EDITORS

D. Burke	M. Hallett	F. Mauguière	P.M. Rossini
G.G. Celesia	J. Kimura	M.R. Nuwer	H. Shibasaki

## EDITORIAL BOARD

M. Abe <i>Sendai, Japan</i>	S. Franceschetti <i>Milan, Italy</i>	N. Nakasato <i>Sendai, Japan</i>
B. Abou-Khalil <i>Nashville, USA</i>	A. Grimm <i>Tübingen, Germany</i>	S. Nandedkar <i>Hopewell Junction, USA</i>
M. Alegre <i>Pamplona, Spain</i>	A.G. Guggisberg <i>Geneva, Switzerland</i>	N. Noda <i>Toronto, Canada</i>
E. Asano <i>Detroit, USA</i>	C. Hawco <i>Toronto, Canada</i>	H. Nodera <i>Tokushima, Japan</i>
M. Ballegaard <i>Copenhagen, Denmark</i>	S. Hoppenbrouwers <i>Amsterdam, NL</i>	S. Olbrich <i>Leipzig, Germany</i>
M. Bareš <i>Brno, Czech Republic</i>	R. Ishii <i>Osaka, Japan</i>	M. Ozgoren <i>Izmir, Turkey</i>
L. Bateman <i>New York, USA</i>	J. Jacobs <i>Freiburg, Germany</i>	G. Pellegrino <i>Venice, Italy</i>
U. Baumgaertner <i>Mannheim, Germany</i>	M. Kinoshita <i>Kyoto, Japan</i>	T. Rajji <i>Toronto, Canada</i>
A. Bendixen <i>Chemnitz, Germany</i>	M. Knikou <i>Staten Island, USA</i>	S. Rampp <i>Erlangen, Germany</i>
S. Biswas <i>London, UK</i>	J. Kraus <i>Prague, Czech Republic</i>	S. Rosengren <i>Sydney, Australia</i>
J. Bragatti <i>Porto Alegre, Brazil</i>	T. Lett <i>Berlin, Germany</i>	N. Simon <i>Dee Why, Australia</i>
L. Chen <i>Sydney, Australia</i>	S. Lewis <i>Sydney, Australia</i>	M. Stecker <i>Mineola, USA</i>
C. Chu <i>Boston, USA</i>	W. Lievens <i>Mongomery, USA</i>	A. Suppa <i>Rome, Italy</i>
V. Deletis <i>New York, USA</i>	D. Mathersul <i>Palo Alto, USA</i>	A. Szelényi <i>Munich, Germany</i>
S. Dimitriadis <i>Cardiff, UK</i>	R. Matsumoto <i>Kyoto, Japan</i>	M. Takemi <i>Kanagawa, Japan</i>
X. Du <i>Catonsville, USA</i>	T. Murakami <i>Fukushima, Japan</i>	L. Tomasevic <i>Copenhagen, Denmark</i>
I. Fernandez-Conejero <i>Barcelona, Spain</i>	T. Murofushi <i>Kawaskai, Japan</i>	M. Valeriani <i>Rome, Italy</i>
S. Finnigan <i>Brisbane, Australia</i>	M. Nakamura <i>Yokohama, Japan</i>	R. Zomorodi <i>Toronto, Canada</i>



ELSEVIER