

## Editor

Professor M N Rossor

## Deputy Editor

Dr M G Hanna

## Associate Editors

Dr S Fleminger, UK  
Professor D Leys, France  
Professor Ph Scheltens, The Netherlands

## Web Editor

R Al-Shahi (UK)

## Editorial Board

F Barkhof (Netherlands)  
P Boon (Belgium)  
D Burn (UK)  
M G Celani (Italy)  
M S Choksey (UK)  
H C Diener (Germany)  
P J Dyck (USA)  
M Filippi (Italy)  
B Fontaine (France)  
M A Gresty (UK)  
M Husain (UK)  
M Kiernan (Australia)  
M Lambon-Ralph (UK)  
S Love (UK)  
H Markus (UK)  
I McKeith (UK)  
K Mills (UK)  
H Mizusawa (Japan)  
S D Silberstein (USA)  
J H J Wokke (Netherlands)

## Editorial Assistant

E Ioannou

## Technical Editor

N West

## Instructions to authors

All papers must be submitted via BenchPress at <http://submit-jnnp.bmjournals.com>

## Subscription information

See p iv

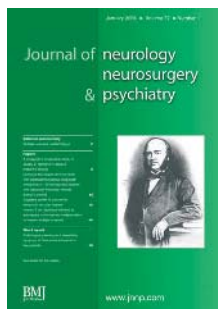
## Copyright

© 2006 BMJ Publishing Group. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without the prior permission of the BMJ Publishing Group.

Authors are required to grant the BMJ Publishing Group an exclusive licence to publish; further details available online at [www.jnnp.com/misc/ifora.shtml](http://www.jnnp.com/misc/ifora.shtml)

• *Journal of Neurology Neurosurgery and Psychiatry* is published by BMJ Publishing Group, typeset by The Charlesworth Group, and printed in UK on acid-free paper by Thanet Press Limited, Margate, Kent

• Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *Journal of Neurology Neurosurgery and Psychiatry*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA



Pierre Paul Broca, French pathologist, neurosurgeon, and anthropologist (1824–1880)

Editor's choice and Patient's choice articles are freely available online

## Editorial commentaries

- 1 Shared mechanisms of ischaemic and haemorrhagic stroke: still a lot to learn *P Michel, J Bogousslavsky*
- 2 Multiple sclerosis related fatigue *G Giovannoni*
- 3 "One person yawning sets off everyone else" *M-Pierre Perriol, C Monaca*

## Papers

- 4 Functional neuroimaging and presenting psychiatric features in frontotemporal dementia *M F Mendez, A McMurtray, A K Chen, J S Shapira, F Mishkin, B L Miller*
- 8 A prospective longitudinal study of apathy in Alzheimer's disease *S E Starkstein, R Jorge, R Mizrahi, R G Robinson*
- 12 Operative techniques and morbidity with subthalamic nucleus deep brain stimulation in 100 consecutive patients with advanced Parkinson's disease *R R Goodman, B Kim, S McClelland III, P B Senatus, L M Winfield, S L Pullman, Q Yu, B Ford, G M McKhann II*
- 18 Expanded motor and psychiatric phenotype in autosomal dominant Segawa syndrome due to GTP cyclohydrolase deficiency *J L K Van Hove, J Steyaert, G Matthijs, E Legius, P Theys, R Wevers, A Romstad, L B Møller, K Hedrich, D Goriounov, N Blau, C Klein, P Casaer*
- 24 Insulin-like growth factor I promoter polymorphism, risk of stroke, and survival after stroke: the Rotterdam study *M J E van Rijn, A J C Slooter, M J Bos, C F B S Catarino, P J Koudstaal, A Hofman, M M B Breteler, C M van Duijn*
- 28 Cognitive profile of subcortical ischaemic vascular disease *H Jokinen, H Kalska, R Mäntylä, T Pohjasvaara, R Ylikoski, M Hietanen, O Salonen, M Kaste, T Erkinjuntti*
- 34 Fatigue in multiple sclerosis: an example of cytokine mediated sickness behaviour? *C Heesen, L Nawrath, C Reich, N Bauer, K-H Schulz, S M Gold*
- 40 Abnormalities in normal appearing tissues in early primary progressive multiple sclerosis and their relation to disability: a tissue specific magnetisation transfer study *L Ramió-Torrentà, J Sastre-Garriga, G T Ingle, G R Davies, V Ameen, D H Miller, A J Thompson*
- 46 Intense T cell depletion followed by autologous bone marrow transplantation for severe multiple sclerosis *J P A Samijn, P A W te Boekhorst, T Mondria, P A van Doorn, H Z Flach, F G A van der Meché, J Cornelissen, W C Hop, B Löwenberg, R Q Hintzen*
- 51 Increasing cord atrophy in early relapsing-remitting multiple sclerosis: a 3 year study *W Rashid, G R Davies, D T Chard, C M Griffin, D R Altmann, R Gordon, A J Thompson, D H Miller*
- 56 Effects of sleep deprivation on cortical excitability in patients affected by juvenile myoclonic epilepsy: a combined transcranial magnetic stimulation and EEG study *P Manganotti, L G Bongiovanni, G Fuggetta, G Zanette, A Fiaschi*



[www.publicationethics.org.uk](http://www.publicationethics.org.uk)

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

- 61 Amantadine for treatment of fatigue in Guillain-Barré syndrome: a randomised, double blind, placebo controlled, crossover trial *M P J Garssen, P I M Schmitz, I S J Merckies, B C Jacobs, F G A van der Meché, P A van Doorn*
- 66 Long term prognosis of chronic inflammatory demyelinating polyneuropathy: a five year follow up of 38 cases *S Kuwabara, S Misawa, M Mori, N Tamura, M Kubota, T Hattori*
- 71 Psychosocial adjustment 17 years after severe brain injury *R L Wood, N A Rutterford*
- 74 Leigh syndrome caused by mutations in the flavoprotein (Fp) subunit of succinate dehydrogenase (SDHA) *R Horváth, A Abicht, E Holinski-Feder, A Laner, K Gempel, H Prokisch, H Lochmüller, T Klopstock, M Jaksch*
- 77 Early circulating levels of endothelial cell activation markers in aneurysmal subarachnoid haemorrhage: associations with cerebral ischaemic events and outcome *C J M Frijns, R Fijnheer, A Algra, J A van Mourik, J van Gijn, G J E Rinkel*

## Short reports

- 85 Levels of CSF prostaglandin E<sub>2</sub>, cognitive decline, and survival in Alzheimer's disease *M Combrinck, J Williams, M A De Berardinis, D Warden, M Puopolo, A D Smith, L Minghetti*
- 89 Raised CSF phospho-tau concentrations in variant Creutzfeldt-Jakob disease: diagnostic and pathological implications *C A Goodall, M W Head, D Everington, J W Ironside, R S G Knight, A J E Green*
- 92 Predictors of risk of intracerebral haemorrhage in patients with a history of TIA or minor ischaemic stroke *M J Ariesen, A Algra, C P Warlow, P M Rothwell, on behalf of the Cerebrovascular Cohort Studies Collaboration (CCSC)*
- 95 Arterial hypertension as risk factor for spontaneous cervical artery dissection. A case-control study *A Pezzini, V Caso, C Zanferrari, E Del Zotto, M Paciaroni, C Bertolino, M Grassi, G Agnelli, A Padovani*
- 98 Pathological yawning as a presenting symptom of brain stem ischaemia in two patients *L Cattaneo, L Cucurachi, E Chierici, G Pavesi*
- 101 The long term retention of levetiracetam in a large cohort of patients with epilepsy *C Depondt, A W C Yuen, G S Bell, T Mitchell, M J Koeppe, J S Duncan, J W Sander*
- 104 Cortical laminar necrosis related to prolonged focal status epilepticus *A Donaire, M Carreno, B Gómez, P Fossas, N Bargallo, R Agudo, M Falip, X Setoain, T Boget, T Raspall, V Obach, J Rumiá*

- 107 Hemifacial motor and crying seizures of temporal lobe onset: case report and review of electro-clinical localisation *R E Hogan, V K Rao*
- 111 Anti-Ma2 associated paraneoplastic neurological syndrome presenting as encephalitis and progressive muscular atrophy *M Waragai, A Chiba, A Uchibori, T Fukushima, M Anno, K Tanaka*
- 114 Predicting response to treatment in chronic inflammatory demyelinating polyradiculoneuropathy *Y-C Chan, D C Allen, D Fialho, K R Mills, R A C Hughes*
- 117 Botulinum toxin A during pregnancy: a survey of treating physicians *J C Morgan, S S Iyer, E T Moser, C Singer, K D Sethi*
- 120 Frontal white matter anisotropy and symptom severity of late-life depression: a magnetic resonance diffusion tensor imaging study *K Nobuhara, G Okugawa, T Sugimoto, T Minami, C Tamagaki, K Takase, Y Saito, S Sawada, T Kinoshita*

## Letters

- 123 Paraneoplastic cerebellar degeneration in olfactory neuroepithelioma *K Maeda, T Sasaki, Y Murata, M Kanasaki, T Terashima, H Kawai, H Yasuda, H Okabe, K Tanaka*
- 124 The collagen 1A2 polymorphism rs42524, which is associated with intracranial aneurysms, shows no association with spontaneous cervical artery dissection (sCAD) *G Kühlenbäumer, C Konrad, S Krämer, B Kis, D Nabavi, R Dittrich, E B Ringelstein*
- 125 Book reviews
- 125 Corrections

## Historical note

- 84 Meralgia paraesthetica (Bernhardt-Roth syndrome) *J M S Pearce*

## Neurological pictures

- 73 Bilateral hypertrophic olivary degeneration *C Gerace, M R Fele, R Luna, G Piazza*
- 88 Pudendal nerve compression by pelvic varices: successful treatment with transcatheter ovarian vein embolisation *T Moser, M-C Scheiber-Nogueira, T S Nogueira, A Doll, C Jahn, R Beaujeux*

## Abstracts

- 126 Proceedings of Clinical Neurosciences, Torquay, Devon, 7-9 September 2005; neurology abstracts only



This logo indicates an article that was published online first ahead of print