## Contents

**Editorial commentaries**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>363</td>
<td>The neglected role of reward in rehabilitation</td>
<td>I H Robertson</td>
</tr>
<tr>
<td>364</td>
<td>No gain – no pain?</td>
<td>C S-Y Lin, M A Farrar</td>
</tr>
<tr>
<td>365</td>
<td>Secondary progressive multiple sclerosis: a shared therapeutic decision</td>
<td>T A Cantissi, M G Ceelen, G J Hankey, P A G Sandercro</td>
</tr>
</tbody>
</table>

**Neurogenetics**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>366</td>
<td>Reward modulates spatial neglect</td>
<td>P A Malhotra, D Sato, K Li, C Russell</td>
</tr>
</tbody>
</table>

**Cognitive neurology**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>379</td>
<td>Patterns and predictors of atypical language representation in epilepsy</td>
<td>K K Djikstra, C H Ferrer</td>
</tr>
</tbody>
</table>

**Neurogenetics**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>386</td>
<td>Infrequent SC9NA mutations in congenital insensitivity to pain and erythromelalgia</td>
<td>C J Klein, Y Wu, D H Kilfoyle, P Sandberg, M D Davis, R H Gavvlova, P A Lew, P J Dyck</td>
</tr>
</tbody>
</table>

**Movement disorders**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
</table>

**Multiple sclerosis**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>402</td>
<td>Isolated myositis of the superior oblique muscle</td>
<td>R Fleischmann, A Assmann, G Bohner, K Ruprecht</td>
</tr>
<tr>
<td>416</td>
<td>Dissociations and similarities in motor intention and motor awareness: the case of anosognosia for hemiplegia and motor neglect</td>
<td>F Carlbom, A Pedrinon, M Dotta, I. Pa, A Berti</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>420</td>
<td>Interferon β for secondary progressive multiple sclerosis: a systematic review</td>
<td>L. A Manta, I. Vaci, M Rovani, C. D Pietrantoni, G. Ebers, S. Fredrikson, C. Filippini</td>
</tr>
<tr>
<td>427</td>
<td>The month of birth effect in multiple sclerosis: systematic review, meta-analysis and effect of latitude</td>
<td>R Dobson, G Giovanni, S Ramagopalan</td>
</tr>
</tbody>
</table>

### More contents

This article has been chosen in conjunction with the BMJ Patient Forum to be of particular interest to patients and is freely available online.

This article has been made freely available online under the BMJ Journals Open Access scheme. See [http://jnnp.bmj.com/site/about/guidelines.xhtml#open](http://jnnp.bmj.com/site/about/guidelines.xhtml#open)

The article is part of the Impact Commentaries series

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics. www.publicationethics.org.uk

---

*Cover image: Mental Fitness, based on the image by Richard Fuschman.*

*Credit: Getty Images*

*Editor*

Matthew C Kieman (Australia)

*Deputy Editor*

Michael Hanna (UK)

*Associate Editors*

Alan Carson (UK)

Satoshi Kusakaba (Japan)

Nick Ward (UK)

Peter Walmke (USA)

*Website Editor*

Clare Caldwell

Arun Krishnan

Cindy Lin

Steve Vaucsc

*Editors, Practical Neurology*

Geraint Fuller (UK)

Phil Smith (UK)

*Editorial Office*

Journal of Neurology Neurosurgery & Psychiatry

BMJ Publishing Group Ltd

BMA House

Tavistock Square

London WC1H 9JR, UK

T: +44 (0)20 7833 6467

F: +44 (0)20 7833 6668

E: jnnp@bmjgroup.com

ISSN: 0022-3050 (print)

ISSN: 1468-330X (online)

Impact factor: 4.79

Disclaimer: JNPP is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The BMJ Group grants editorial freedom to the Editor of JNPP. JNPP follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

JNPP is intended for medical professionals and is provided without warranty, express or implied. Statements in this journal are the responsibility of their authors and advertisers and not authors’ institutions, the BMJ Publishing Group or the BMN unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group shall not be liable for any loss, injury or damage resulting from the use of JNPP or any information in it whether based on contract, tort or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright © 2013 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 prior permission.

JNPP is published by BMJ Publishing Group Ltd, typeset by Techset, Chennai, India and printed in the UK on acid-free paper from sustainable forests.

Journal of Neurology Neurosurgery & Psychiatry (ISSN No: 0022-3050) is published monthly by BMJ Publishing Group and is distributed in the USA by Air Business Ltd. Periodical postage paid at Jamaica NY 11431 POSTMASTER, send address changes to Journal of Neurology Neurosurgery & Psychiatry, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11431, USA.
Neuromuscular
433 Clinical features and a mutation with late onset of limb girdle muscular dystrophy 2B

Neurodegeneration
460 The language profile of posterior cortical atrophy
S J Crutch, M Lehmann, J D Warren, J D Rohrer

Neurosurgery
441 Risk of epilepsy after traumatic brain injury: a retrospective population-based cohort study
C-C Yeh, T-L Chen, C-J Hu, W-T Chiu, C-C Liao

Cerebrovascular disease
446 Nystagmus in SCA territory cerebellar infarction: pattern and a possible mechanism
H Lee, H-A Kim

452 Neurological manifestations of phaeochromocytomas and secretory paragangliomas: a reappraisal
N E Anderson, K Chung, E Willoughby, M S Croxson

467 Phosphorylated neurofilament heavy subunit (pNF-H) in peripheral blood and CSF as a potential prognostic biomarker in amyotrophic lateral sclerosis
K B Boylan, J D Glass, J E Crook, C Yang, C S Thomas, P Desai, A Johnston, K Overstreet, C Kelly, M Polak, G Shaw