Contents

Volume 88 Issue 2  |  JNPP February 2017

Editorial commentaries
95 Natural history and the dawning of a new era for familial ALS
J M Matamala, M C Kiernan

96 Association between naturally occurring anti-amyloid β autoantibodies and medial temporal lobe atrophy in Alzheimer’s disease
M Menendez-Gonzalez

98 Many challenges of conducting clinical trials in CJD
B S Appleby

Neurodegeneration
99 Defining SOD1 ALS natural history to guide therapeutic clinical trial design

106 IVIG treatment of mild cognitive impairment due to Alzheimer’s disease: a randomised double-blinded exploratory study of the effect on brain atrophy, cognition and conversion to dementia
S Kile, W Au, C Patric, K Rose, T Donnel, A Handbys, M Chan, A Ghassemi

113 Concomitant AD pathology affects clinical manifestation and survival in dementia with Lewy bodies
A W Lemstra, M H de Beer, C E Teunissens, C Schreutels, P Scheltoet, W M van der Flier, A Pestronk, M E Cedowabeicz, T M Miller

Multiple sclerosis
132 Brain lesion distribution criteria distinguish MS from AQP4-antibody NMOSD and MOG-antibody disease
M Juryczyk, T Gadeley, Y Kong, R Geraldes, L Matthews, M Woodhall, P Waters, W Kaker, M Crane, A Weir, G C Delucat, S Kremer, M I Leite, A Vincent, A Jacob, J de Seize, J Palace

137 Neurodegeneration in multiple sclerosis and neuromyelitis optica
I Kawachi, H Lassmann

146 Posterior lobules of the cerebellum and information processing speed at various stages of multiple sclerosis

Neurogenetics
152 Genetic architecture of sporadic frontotemporal dementia and overlap with Alzheimer’s and Parkinson’s diseases

Cognitive neurology
126 Association between naturally occurring anti-amyloid β autoantibodies and medial temporal lobe atrophy in Alzheimer’s disease
A Kimura, M Takekura, K Satto, N Yoshikura, Y Hayashi, T Inuzuka

119 Doxycycline in early CJD: a double-blinded randomised phase II and observational study
D Vargas, H Manthey, U Heinemann, C Ponto, M Schnitz, W J Schulz-Schaeffet, A Krasiantanski, M Breithaupt, F Fincke, K Kramer, T Friede, J Zerr

120 Cognitive neurology

Disclaimer: JNP 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 JNP. JNP 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. JNP is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors’ institutions, the BMJ Publishing Group or the BMA. JNP is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors’ institutions, the BMJ Publishing Group or the BMA. 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 JNP 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: © 2017 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.

JNP is published by BMJ Publishing Group Ltd, typeset by Nova Techset Private Limited, Bengaluru & 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. Periodicals 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 11434, USA.
Neuro-inflammation

165 Chronic neuropathic pain severity is determined by lesion level in aquaporin 4-antibody-positive myelitis
G Tackley, D Vecchio, S Hamid, M Jurynczyk, Y Kong, R Core, K Match, M Woodhall, P Waters, A Vincent, M I Leste, I Tracey, A Jacob, J Palace

Movement disorders

176 Neuroendocrine abnormalities in Parkinson's disease
E De Pablo-Fernández, D P Breen, P M Bouloux, R A Barker, T Foltynie, T T Warner

Neuropsychiatry

170 Transcranial direct current stimulation for the treatment of post-stroke depression: results from a randomised, sham-controlled, double-blinded trial
L C L Valiengo, A C Goulart, J F de Oliveira, I M Benseñor, P A Lotufo, A R Brunoni

PostScript

186 Letters