BRAIN

A JOURNAL OF NEUROLOGY

Volume 143 Part 4 April 2020

Editorial

1045 Editorial. *D. M. Kullmann*

Scientific Commentaries

1046 Predicting incidences of neurodevelopmental disorders. *J. R. Lemke*

1048 All in the numbers? Computational prediction of optimal anaesthetic weaning in status epilepticus. *S. Rüegg and R. Sutter*

1050 Improving diagnosis and prognosis in disorders of consciousness. *A. M. Owen*

1053 Atrophy network mapping of transdiagnostic cognitive and neuropsychiatric symptoms. *M. Veldsman*

Review Articles

1057 Decoding the relationship between ageing and amyotrophic lateral sclerosis: a cellular perspective. *V. A. Pandya and R. Patani*

1073 Lipid metabolic pathways converge in motor neuron degenerative diseases. *O. J. Rickman, E. L. Baple and A. H. Crosby*

Update

1088 Revisiting 'brain modes' in a new computational era: approaches for the characterization of brain-behavioural associations. *M. N. Toba, O. Godefroy, R. J. Rushmore, et al.*

Reports

1099 A catalogue of new incidence estimates of monogenic neurodevelopmental disorders caused by *de novo* variants. *J. A. López-Rivera, E. Pérez-Palma, J. Symonds, et al.*

1106 Structural and functional footprint of visual snow syndrome. *C. J. Schankin, F. H. Maniyar, D. E. Chou, et al.*

Original Articles

1114 Novel congenital disorder of *O*-linked glycosylation caused by GALNT2 loss of function. *M. Zilmer, A. C. Edmondson, S. A. Khetarpal, et al.*

1127 Protective effects of 4-aminopyridine in experimental optic neuritis and multiple sclerosis. *M. Dietrich, V. Koska, C. Hecker, et al.*

1143 Electrographic predictors of successful weaning from anaesthetics in refractory status epilepticus. *D. B. Rubin, B. Angelini, M. Shoukat, et al.*

1158 Distinct patterns of structural damage underlie working memory and reasoning deficits after traumatic brain injury. *A. E. Jolly, G. T. Scott, D. J. Sharp, et al.*

1177 Prognosis for patients with cognitive motor dissociation identified by brain-computer interface. *J. Pan, Q. Xie, P. Qin, et al.*

1190 Variants in saposin D domain of prosaposin gene linked to Parkinson's disease. *Y. Oji, T. Hatano, S.-I. Ueno, et al.*

1206 White matter basis for the hub-and-spoke semantic representation: evidence from semantic dementia. *Y. Chen, L. Huang, K. Chen, et al.*

1220 Plasma tau, neurofilament light chain and amyloid-β levels and risk of dementia; a population-based cohort study. *F. deWolf, M. Ghanbari, S. Licher, et al.*

1233 Medial temporal lobe connectivity and its associations with cognition in early Alzheimer's disease. *D. Berron, D. van Westen, R. Ossenkoppele, et al.*

1249 Network localization of clinical, cognitive, and neuropsychiatric symptoms in Alzheimer's disease. *A. M. Tetreault, T. Phan, D. Orlando, et al.*

1261 Impaired theta phase coupling underlies frontotemporal dysconnectivity in schizophrenia. *R. A. Adams, D. Bush, F. Zheng, et al.*

Dorsal Column

Grey Matter

1278 The Arc de Siècle: functional neurological disorder during the 'forgotten' years of the 20th century. *M. Fend, L. Williams, A. J. Carson, et al.*

Letters to the Editor

e25 The repeat variant in *MSH3* is not a genetic modifier for spinocerebellar ataxia type 3 and Friedreich's ataxia. *W. Y. Yau, M. Raposo, C. Bettencourt, et al.*

e26 Reply: The repeat variant in *MSH3* is not a genetic modifier for spinocerebellar ataxia type 3 and Friedreich's ataxia. *M. Flower, V. Lomeikaite, P. Holmans, et al.*

e27 Interactions of interictal epileptic discharges with sleep slow waves and spindles. *N. von Ellenrieder, A. Koupparis and J. Gotman*

e28 Reply: Interactions of interictal epileptic discharges with sleep slow waves and spindles. *P. Dahal, N. Ghani, A. Flinker, et al.*

e29 Recurrent bi-allelic splicing variant c.454+3A>G in *TRAPPC4* is associated with progressive encephalopathy and muscle involvement. *P. Kaur, R. Kadavigere, K. M. Girisha, et al.*

e30 Reply: Recurrent bi-allelic splicing variant c.454+3A>G in *TRAPPC4* is associated with progressive encephalopathy and muscle involvement. *N. J. Van Bergen and J. Christodoulou*

e31 *RSRC1* loss-of-function variants cause mild to moderate autosomal recessive intellectual disability. *M. Scala, M. Mojarrad, S. Riazuddin, et al.*

e32 Corrigenda

Evoked Response

e34 THC and CBD: is medical cannabis overhyped or under-prescribed? *L. Lyon*

OXFORD UNIVERSITY PRESS