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Caption: Prion proteins. Light micrograph of a section through prion protein fibrils from *E. coli* (*Escherichia coli*) bacteria. Prions are misfolded proteins that occur in the brains of people with degenerative brain disorders such as Alzheimer's disease and Parkinson's disease. They have the ability to transmit their misfolded shape onto normal variants of the same protein. Recombinant proteins such as the prion protein shown here are often used to model how proteins misfold and sometimes polymerise in these neurodegenerative disorders.

Editors' commentary

- 1 Highlights from this issue
P E M Smith, G N Fuller

Editorial

- 2 Extending boundaries for thrombectomy in stroke
R Bosnell

Reviews

- 4 Epilepsy surgery
F Rugg-Gunn, A Miserocchi, A McEvoy

- 15 Emergencies and critical issues in Parkinson's disease
C Simonet, E Tolosa, A Camara, F Valldeoriola

- 26 Predicting the outcome of a comatose patient at the bedside
E F M Wijdicks

- 34 Personalising secondary prevention: different treatments for different strokes
H Markus

- 39 Skull base imaging, anatomy, pathology and protocols
B Quirk, S Connor

Test yourself

- 50 Untangling a case of painful neuropathy
S Keddie, J Fehmi, Z Jaunmuktane, S D'Sa, J C Stevens, M PT Lunn

Neurological rarities

- 55 Very-late-onset Friedreich's ataxia: diagnosis in a kindred with late-onset cerebellar ataxia
C Fearon, R Lonergan, D Ferguson, S Byrne, D Bradley, Y Langan, J Redmond

Neurological Reflections

- 59 Listening with intent
A J Lees

Image of the moment

- 62 The eye is the window to the diagnosis: tuberculous meningoencephalitis with choroidal tubercle
M Fernandes, B Meira, J P Marto, A S Correia, J Costa, M Viana-Baptista
- 64 Central pontine (and extrapontine) myelinolysis despite appropriate sodium correction
A Micieli, U Najeeb, W Kingston

How to do it

- 66 Sudden deafness and tuning fork tests: towards optimal utilisation
A B Bayoumy, J A de Ru
- 69 Azathioprine and the neurologist
M McWilliam, U Khan

How to understand it

- 75 Hypersensitivity reactions to recombinant tissue plasminogen activator
V Alakbarzade, D O'Kane, A C Pereira

A difficult case

- 80 Endovascular thrombectomy: 31 hours from symptom onset
J Beharry, R Duncan, M Krauss, F Colgan, J Y Lim, T Wu
- 83 Epstein-Barr virus associated CNS lymphoproliferative disorder after long-term immunosuppression
A Lee, L R Bridges, M Lloyd, R Barker, D R Wren, C M Galtrey

Book club

- 87 Drugs—without the hot air: minimising the harms of legal and illegal drugs
C Wong

Carphology

- 89 Carphology
A F Ben

ABN News

- 90 ABN News
J Lawrence, J Sussman



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