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Speaker Logistics Form

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The Royal College of Surgeons, Lincoln's Inn Fields, London

In order for the meeting to run as smoothly as possible please fill in this questionnaire and return to jashmenall@yahoo.com or britpsychassoc@yahoo.co.uk

Name: Sarosh Irani

Associate Professor, NDCN, University of Oxford

The autoimmune encephalopathies are an expanding group of potentially treatable neuropsychiatric syndromes. A number of these syndromes are believed to be mediated by autoantibodies directed against neuronal membrane proteins. Correspondingly, the patients often respond well to immunotherapies including corticosteroids, plasma exchange, intravenous immunoglobulins, cyclophosphamide and/or rituximab. Furthermore, early immunotherapy improves outcomes.

There are now established distinctive clinical clues to diagnose these diseases including patient demographics. In particular, the movement disorder associated with NMDA-receptor antibodies, and the faciobrachial dystonic seizures in patients with LGI1-antibodies. Other less common antibody targets include the glycine receptor, GABA_B-receptor, CASPR2 and DPPX which also associate with specific clinical features.

In this talk, I will discuss these clinical features in the context of the methods used to detect the autoantibodies, and review strategies for identification, differential diagnosis, investigation and treatment of the patients.