

Encephalitis 2023

*The conference will be a hybrid event
(in-person and virtual attendance)*

TUESDAY
5TH DECEMBER 2023
07.30 - 18.15

TO INCLUDE LUNCH,
REFRESHMENTS, AND
EARLY EVENING WINE
RECEPTION

ROYAL COLLEGE OF
PHYSICIANS
11 ST ANDREWS PLACE
REGENT'S PARK,
LONDON NW1 4LE
WWW.RCPLONDON.AC.UK

Keynote Lectures:

Epidemiological Adventures in Encephalitis

Dr James Sejvar, Centers for Disease Control and Prevention (CDC), USA

Intersectoral Plan on Epilepsy and Other Neurological Disorders

Dr Tarun Dua, World Health Organization (WHO)

Invited Guest Lectures:

The Role of Dexamethasone in Herpes Encephalitis; a Crystal Clear Answer

Prof Tom Solomon CBE, The Pandemic Institute; NIHR Health Protection Research Unit in Emerging and Zoonotic Infections; University of Liverpool, UK

Paediatric Autoimmune Encephalitides

Dr Sukhvir Wright, Birmingham Women's and Children's NHS Foundation Trust; Institute of Health and Neurodevelopment, Aston University, UK

This event is supported by: UCB, miDiagnostics, Roche, SVAR Wieslab, EUROIMMUN, Valneva, University of Liverpool, Aston University, Guarantors of the Brain, The Lancet Neurology, Routledge, ACNR

PROGRAMME

ENCEPHALITIS 2023

The conference will be a hybrid event
(in-person and virtual attendance)

07.30 **Registration**

08.00 **Welcome/Introduction to the Breakfast Session**

**Dr Nick Davies, Chair - Scientific Advisory Panel;
Chelsea and Westminster Hospital, London, UK**

08.05 Basic clinical introduction to infectious encephalitis
Prof Benedict Michael, University of Liverpool, UK

08.35 *Discussion*

08.45 Basic clinical introduction to autoimmune encephalitis
Prof Sarosh Irani, Mayo Clinic Florida, USA

09.15 *Discussion*

09:25 Registration/Refreshments

09.45 **Welcome**

**Dr Ava Easton, Encephalitis Society
Dr Nick Davies, Chelsea and Westminster
Hospital, London, UK**

SESSION 1 CHAIRS:

Dr Ava Easton, Encephalitis Society

Dr Nick Davies, Chelsea and Westminster
Hospital, London, UK

09.50 **KEYNOTE LECTURE 1**
Intersectoral Plan on Epilepsy and Other
Neurological Disorders
Dr Tarun Dua, World Health Organization

10.15 *Discussion*

10.20 Comparative characteristics in LGI1- and
CASPR2- antibody encephalitis
**Dr Sophia Michael & Dr Christine Strippel,
Oxford Autoimmune Neurology Group, UK**

10.35 *Discussion*

10.40 Auto-antibodies neutralizing type I IFNs underlie
West Nile virus encephalitis in ~40% of patients
**Mr Adrian Gervais, Institut National de la Santé et
de la Recherche Médicale (INSERM) U1163, France**

10.50 *Discussion*

10.55 ES funded research: Host mRNA signature in scrub
typhus meningoencephalitis
**Dr Tina Damodar, National Institute of Mental
Health and Neurosciences (NIMHANS), India**

11.05 *Discussion*

11.10 **Tea and Coffee/Poster Viewing/
Exhibition Stands**

SESSION 2 CHAIRS:

Dr Matteo Gastaldi, Neuroimmunology
Research Unit, Pavia, Italy

Prof Carsten Finke,
Charite-Universitätsmedizin Berlin, Germany

11.30 NMDA receptor encephalitis and multiple sclerosis
overlap syndrome - clinical findings and MRI
characteristics
**Dr Joseph Kuchling, Charité - Universitätsmedizin
Berlin, Germany**

11.40 *Discussion*

11.45 Cognitive outcomes and associated biomarkers
and neuroimaging in COVID-19 encephalitis:
analysis of the UK COVID-19 CNS
Dr Greta Wood, University of Liverpool, UK

11.55 *Discussion*

12.00 Highly differentiated LGI1/CASPR2-reactive
plasmablasts characterise CSF of encephalitis
patients and provide a potential treatment target
**Dr Jakob Theorell, Karolinska Institutet,
Stockholm, Sweden**

12.10 *Discussion*

12.15 Recovery trajectories after severe encephalitis:
a prospective multicentre cohort study
**Prof Romain Sonnevile, Claude Bernard Bichat
Hospital, France**

12.25 *Discussion*

12.30 **INVITED GUEST LECTURE 1**
The Role of Dexamethasone in Herpes
Encephalitis; a Crystal Clear Answer
**Prof Tom Solomon CBE, The Pandemic Institute
and The University of Liverpool, UK**

12.55 *Discussion*

13.00 **Lunch/Poster Viewing/Exhibition Stands**

SESSION 3 CHAIRS:

Prof Angela Vincent, University of Oxford, UK

Dr Thomas Pollak, King's College London, UK

14.15 **KEYNOTE LECTURE 2**

Epidemiological Adventures in Encephalitis
Dr Jim Sejvar, Centers for Disease Control and Prevention (CDC), USA

14.40 *Discussion*

14.45 Functional neurological disorder in the long-term management of adults with autoimmune encephalitis and related disorders

Dr Nicole Lichtblau, King's College Hospital, London, UK

14.55 *Discussion*

15.00 Exploring barriers and enablers to vaccine confidence among ethnically diverse communities in Liverpool - Qualitative findings from the MSD Liverpool Vaccine Confidence Project

Ms Charlotte O'Halloran, MSD, UK

15.10 *Discussion*

15.15 **Tea and Coffee/Poster Viewing/
Exhibition Stands**

SESSION 4 CHAIRS:

Assoc Prof Kiran Thakur, Columbia University, USA

Prof Benedict Michael, University of Liverpool, UK

15.45 The epidemiology and possible aetiology of encephalitis lethargica in a large historical cohort
Dr Jonathan Rogers, University College London, UK

15.55 *Discussion*

16.00 **DEBATE:** "This house believes that too much time and money is being spent identifying new antibodies in autoimmune encephalitis."

Chair: Dr Thomas Pollak, King's College London, UK

For: Dr Sophie Binks, Oxford Autoimmune Neurology Group, UK

Against: Prof. Dr. Harald Prüss, Charité Universitätsmedizin Berlin, Germany

16.30 **INVITED GUEST LECTURE 2**

Paediatric Autoimmune Encephalitides
Dr Sukhvir Wright, Aston University, UK

16.55 *Discussion*

17.00 Our Year - the Encephalitis Society
Phillippa Chapman, Deputy CEO, Encephalitis Society

17.05 Awards and Prizes for Best Oral and Poster Presentations
Dr Ava Easton & Dr Nick Davies

17.10 Calls to Action and Close
Dr Ava Easton & Dr Nick Davies

17.15 **WINE NETWORKING RECEPTION**

18.15 **CLOSE**



**ENCEPHALITIS
SOCIETY**

The brain inflammation charity

Encephalitis Society Scientific Advisory Panel

Dr Nicholas Davies

Chair of the Encephalitis Society Scientific Advisory Panel
Chelsea and Westminster Hospital London, UK

Prof Benedict Michael

Vice chair of the Encephalitis Society Scientific Advisory Panel
NIHR HPRU for Emerging and Zoonotic Infection
The Walton Centre, Liverpool, UK

Dr Bonnie-Kate Dewar

Neuropsychology Services Limited
London, UK

Dr Ava Easton

CEO, Encephalitis Society
University of Liverpool
Liverpool, UK

Prof Carsten Finke

Charité Berlin
Berlin School of Brain and Mind, Humboldt
Universität
Berlin, Germany

Dr Jessica Fish

Institute of Health and Wellbeing, University
of Glasgow
Glasgow, UK

Dr Matteo Gastaldi

Neuroimmunology Research Unit, IRCCS
Mondino Foundation
Pavia, Italy

Prof Sarosh R. Irani

Mayo Clinic, Florida, USA
Oxford Autoimmune Neurology Group, UK

Prof Peter GE Kennedy CBE

Institute of Neuroscience and Psychology,
University of Glasgow
Glasgow, UK
Queen Mary University of London
London, UK

Assoc Prof Kiran Thakur

Columbia University Irving Medical Center
New York, USA

Dr Rachel Kneen

Alder Hey Children's NHS Foundation Trust
Institute of Infection & Global Health,
University of Liverpool
Liverpool, UK

Prof Frank Leypoldt

Inst. of Clinical Chemistry and Laboratory
Medicine, Kiel University
Kiel, Germany

Prof Nick Makwana

Sandwell and West Birmingham NHS Trust
Birmingham, UK

Dr Thomas Pollak

Institute of Psychiatry, Psychology and
Neuroscience, King's College London
South London and Maudsley NHS
Foundation Trust
London, UK

Dr Stephen Ray

University of Oxford, UK

Dr James J. Sejvar

Division of High-Consequence Pathogens
and Pathology
National Center for Emerging and Zoonotic
Infectious Diseases
Centers for Disease Control and Prevention,
USA
Emory University School of Medicine
Atlanta, USA

Assist Prof Omar K. Siddiqi

Harvard Medical School
Beth Israel Deaconess Medical Center,
Boston, USA
University of Zambia School of Medicine,
Zambia

Dr Arleta Starza Smith

Nottingham University Hospitals NHS Trust
Nottingham, UK

Prof Tom Solomon CBE

The Pandemic Institute
NIHR HPRU in Emerging and Zoonotic
Infections
Brain Infections Group
Walton Centre NHS Foundation Trust and
Royal Liverpool University Hospital
Liverpool, UK

Assoc Prof Maarten Titulaer

Erasmus University Medical Center
Rotterdam, The Netherlands

Dr Michel Toledano

Mayo Clinic, Rochester, USA

Dr Lance Turtle

Institute of Infection, Veterinary and
Ecological Sciences, University of Liverpool,
Liverpool, UK

Prof Arun Venkatesan

Johns Hopkins University School of Medicine
John Hopkins Encephalitis Centre
Baltimore, MD, USA

Prof Angela Vincent

Somerville College, University of Oxford
Oxford, UK

Dr Steven White

Cromwell Hospital, London, UK

Dr Greta Wood

University of Liverpool, UK