

# Encephalitis 2021

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

Book your place online (reduced early bird rate)  
at [www.encephalitis.info/conference](http://www.encephalitis.info/conference)

TUESDAY  
7TH DECEMBER 2021  
09.00 - 18.00

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](http://WWW.RCPLONDON.AC.UK)

## **Keynote Lectures:** **Paraneoplastic Encephalitis**

Professor Jérôme Honnorat, Hospices Civils de Lyon, France

## **Arthropod-borne Encephalitides**

Winifred Mercer Pitkin Assistant Professor Kiran Thakur,  
Columbia University Irving Medical Center, USA

## **Invited Guest Lecture** **Developing Neurological Care and Training in Resource-Limited Settings**

Assist Prof Deanna Saylor, The Johns Hopkins University School of  
Medicine, USA.

**This event is supported by:** UCB, Euroimmun, Valneva, CSL Behring, NIHR, University of Liverpool,  
Brain Infections Global, Guarantors of the Brain, Aston University, UAP, The de Lazlo Foundation, ACNR,  
The Lancet Neurology, Routledge.

# PROGRAMME

# ENCEPHALITIS 2021

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

09:00 **Registration**

09:30 **Welcome**

**Dr Ava Easton, CEO, Encephalitis Society, UK and  
Dr Nicholas Davies, Chair, Scientific Advisory Panel, Encephalitis Society, UK;  
Chelsea and Westminster Hospital, London; UK**

**SESSION 1: Chair, Prof. Angela Vincent**  
University of Oxford, Oxford, UK

**Moderator: Dr Benedict Michael**  
Institute of Infection and Global Health, University  
of Liverpool; UK

09.35 Analysing clinical text from electronic health records to diagnose anti-NMDAR encephalitis, a feasibility study  
**Dr Helena Ariño, Institute of Psychiatry, Psychology & Neuroscience, King's College London, UK**

09.45 *Discussion*

09.50 Defining the neuroinvasive potential of SARS-CoV-2 in brain autopsies of COVID-19 patients  
**Dr Emily Happy Miller, Columbia University Irving Medical Center, and New York Presbyterian Hospital, New York, USA**

10.00 *Discussion*

10.05 Immune and genetic signature of breast carcinomas triggering Yo paraneoplastic cerebellar degeneration  
**Prof Virginie Desestret, Hospices Civils de Lyon, Université Claude Bernard Lyon, France**

10.15 *Discussion*

10.20 **KEYNOTE LECTURE**  
Paraneoplastic Encephalitis  
**Prof. Jerome Honnorat, Hospices Civils de Lyon, France**

10.45 *Discussion*

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

**SESSION 2: Chair: Prof. Tom Solomon CBE**  
University of Liverpool; Brain Infections Group, UK

**Moderator: Dr Thomas Pollack**  
King's College London, UK

11.15 Dissecting CASPR2-antibody encephalitis with patient-derived CASPR2-specific monoclonal antibodies  
**Dr Bo Sun, University of Oxford/John Radcliffe Hospital, Oxford, UK**

11.25 *Discussion*

11.30 Clinical and laboratory findings of acute encephalitis syndrome (AES) associated with scrub typhus infection in children admitted to tertiary care hospitals in South India  
**Dr Tina Damodar, Department of Neurovirology, NIMHANS, Bangalore, India**

11.40 *Discussion*

11.45 Infectious encephalitis during the second wave of COVID-19: an observational study among hospitalised patients in Dakar, Senegal  
**Dr Jamil Kahwagi, Centre Hospitalier National Universitaire de Fann, Dakar, Senegal**

11.55 *Discussion*

12.00 Direct evaluation of cervical lymph node and ovarian teratoma as sites of autoimmunisation in NMDAR-antibody encephalitis  
**Dr Adam Al-Diwani, Department of Psychiatry, University of Oxford, Oxford**

12.10 *Discussion*

12.15 **INVITED GUEST LECTURE**  
Developing Neurological Care and Training in Resource-Limited Settings  
**Assist Prof Deanna Saylor, The Johns Hopkins University School of Medicine, USA.**

12.30 *Discussion*

12.35 **Lunch/Poster Viewing/Exhibition Stands**

SESSION 3: Chair: Assoc. Prof Sarosh Irani,  
John Radcliffe Hospital, Oxford, UK

Moderator: Dr Jess Fish

Institute of Health & Wellbeing, University of Glasgow; UK

- 14.00 Inborn errors of TLR3- or MDA5-dependent type I IFN immunity in children with enterovirus rhombencephalitis  
**Dr Jie Chen, The Rockefeller University, New York, USA**
- 14.10 *Discussion*
- 14.15 Spatial and temporal brain atrophy in anti-IgLON5 disease  
**Ms Selina Yogeshwar, Charité- Universitätsmedizin Berlin, Berlin, Germany**
- 14.25 *Discussion*
- 14.30 Encephalitis and autoimmune encephalitis in pediatric patients from Brazil  
**Dr Renata Barbosa Paolilo, Hospital das Clínicas da Faculdade de Medicina da Universidade de São Paulo (HCFMUSP), São Paulo, Brazil**
- 14.40 *Discussion*
- 14.45 Novel treatment of an NMDAR-Ab mediated seizure model  
**Dr Sukhvir Wright, Institute of Health and Neurodevelopment, Aston University, Birmingham, UK**
- 14.55 *Discussion*
- 15.00 **Tea and Coffee/Poster Viewing/ Exhibition Stands**

SESSION 4: Chair: Assoc. Prof Sarosh Irani,  
John Radcliffe Hospital, Oxford, UK

Moderator: Dr Jess Fish

Institute of Health & Wellbeing, University of Glasgow; UK

- 15.30 Etiological diagnosis in central nervous system infections: multiplex PCR  
**Dr Álvaro Bonelli, Rey Juan Carlos University Hospital, Móstoles, Madrid, Spain**
- 15.40 *Discussion*
- 15.45 **THE ENCEPHALITIS SOCIETY FUNDED RESEARCH**  
SARS-CoV-2 infection causes dopaminergic neuron senescence  
**Dr Oliver Harschnitz, Sloan-Kettering Institute for Cancer Research, New York, USA**
- Etiologies of encephalitis in non-HIV infected patients in Cameroon  
**Dr Adawa Manuela, COVID 19 ORCA Patient Management Center; Yaoundé, Cameroon**
- Investigating long-term neuropsychological outcomes in paediatric autoimmune encephalitis using magnetoencephalography  
**Charly Billaud, School of Health and Life Sciences, Aston University, Birmingham, UK**
- 16.00 *Discussion*
- 16.15 **KEYNOTE LECTURE 2**  
Arthropod-borne Encephalitides  
**Winifred Mercer Pitkin Assistant Professor Kiran Thakur, Columbia University Irving Medical Center, USA**
- 16.40 *Discussion*
- 16.45 Our Year - the Encephalitis Society  
**Dr Ava Easton, the Encephalitis Society**
- 16.50 Awards and Prizes for Best Oral and Poster Presentations  
**Dr Ava Easton and Dr Nicholas Davies**
- 17.00 Calls to Action and Close  
**Dr Ava Easton and Dr Nicholas Davies**
- 17.05 **WINE NETWORKING RECEPTION**
- 18.15 **CLOSE**



**ENCEPHALITIS  
SOCIETY**

The brain inflammation charity

# Encephalitis Society Scientific Advisory Panel

**Dr. Nicholas Davies** BSc, PhD, MBBS, MRCP  
Chair, Scientific Advisory Panel, Encephalitis Society  
Consultant Neurologist, Chelsea and Westminster Hospital, London, UK

**Dr. Benedict Michael** MBChB, MRCP, PhD  
Vice Chair, Scientific Advisory Panel, Encephalitis Society  
Senior Clinician Scientist Fellow, Institute of Infection and Global Health, Liverpool, UK  
Honorary Consultant Neurologist, Walton Centre NHS Foundation Trust, Liverpool, UK  
Honorary Medical Lecturer, Harvard Medical School, MA, USA

**Dr. Bonnie-Kate Dewar**  
Clinical Neuropsychologist  
Neuropsychology Services Limited, London, UK

**Dr. Ava Easton**  
CEO, Encephalitis Society  
Honorary Fellow, Dept. of Clinical Infection,  
Microbiology and Immunology, University of  
Liverpool, UK

**Dr. Jessica Fish**  
Lecturer in Clinical Psychology  
Institute of Health and Wellbeing,  
University of Glasgow, UK

**Assoc. Prof. Sarosh R. Irani**  
MA (Oxon), DPhil, MRCP  
Co-director, Autoimmune Neurology  
Diagnostic Laboratory  
Head, Oxford Autoimmune Neurology Group  
Honorary Consultant Neurologist,  
John Radcliffe Hospital, Oxford, UK

**Prof. Peter GE Kennedy**  
CBE, FRSE, FMedSci, FRCP, MD, PhD  
Honorary Professor and Senior Research  
Fellow, Institute of Neuroscience and  
Psychology, University of Glasgow, UK

**Dr. Rachel Kneen**  
Consultant Paediatric Neurologist  
Alder Hey Children's NHS Foundation Trust,  
Liverpool, UK  
Honorary Senior Clinical Lecturer and an  
Associate member of the Institute of Infection  
& Global Health, University of Liverpool, UK

**Dr. Nick Makwana**  
BSc, MBChB, MRCPCH, PCME, MD  
Consultant Paediatrician  
Accredited Paediatric Allergist (EAACI)  
Department of Child Health,  
Sandwell and West Birmingham NHS Trust,  
Birmingham, UK

**Dr. Thomas Pollak**  
NIHR Clinical Lecturer, Institute of Psychiatry,  
Psychology and Neuroscience, King's College  
London, UK  
Specialty Trainee General Adult Psychiatrist  
South London and Maudsley NHS  
Foundation Trust, London, UK

**Asst. Prof. Omar K. Siddiqi**  
Assistant Professor of Neurology, Harvard  
Medical School, MA, USA  
Visiting Lecturer, University of Zambia  
School of Medicine  
Director, Global Neurology Program  
Beth Israel Deaconess Medical Center,  
Boston, MA, USA

**Dr. Arleta Starza Smith**  
Consultant Paediatric Neuropsychologist  
Director of Clinical Psychology and  
Neuropsychology, Nottingham University  
Hospitals NHS Trust, Nottingham, UK

**Prof. Tom Solomon CBE**  
Chair of Neurological Science, University of  
Liverpool  
Head of the Brain Infections Group;  
Professor of Neurological Science;  
Honorary Consultant Neurologist, Walton  
Centre NHS Foundation Trust and Royal  
Liverpool University Hospital, Liverpool, UK

**Dr. Michel Toledano**  
Neurology Consultant  
Mayo Clinic, Rochester, MN, USA

**Dr. Lance Turtle**  
Senior Clinical Lecturer,  
Institute of Infection and Global Health,  
University of Liverpool, UK  
Honorary Consultant in Infectious Diseases,  
Royal Liverpool University Hospital, Liverpool, UK

**Assoc. Prof. Arun Venkatesan**  
Associate Professor, Johns Hopkins University  
School of Medicine  
Director, John Hopkins Encephalitis Centre,  
Baltimore, MD, USA

**Prof. Angela Vincent** FRCPATH FMedSci FRS  
Emeritus Professor of Neuroimmunology  
Emeritus Fellow of Somerville College  
University of Oxford, Oxford, UK

**Dr. Steven White**  
Consultant Neurophysiologist  
Cromwell Hospital, London, UK

**Prof. Barbara A. Wilson** OBE, PhD, DSc,  
CPsychol, FBPsS, FmedSC, AcSS  
Founder of The Oliver Zangwill Centre,  
Cambridge, UK  
Honorary Professor at the University of East  
Anglia (Norwich, UK), University of Hong-  
Kong (Hong-Kong) and University of Sydney  
(Sydney, Australia)

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## Encephalitis Society

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Encephalitis Support Group (Operating as the Encephalitis Society) Company number: 04189027  
England and Wales charity number: 1087843 Scottish charity number: SC048210