



**MANCHESTER EPILEPSY RESEARCH NETWORK: MERN - BRINGING TOGETHER EPILEPSY RESEARCHERS AND CLINICIANS ACROSS MANCHESTER AND BEYOND**

**FRIDAY 20TH JANUARY 2023**

**1.00 - 5.30PM**

**MICHAEL SMITH LECTURE THEATRE  
UNIVERSITY OF MANCHESTER**

**THE 2ND MERN MEETING AGENDA IS BELOW.  
THE MEETING WILL BE HYBRID, BUT WE ENCOURAGE AS MANY AS POSSIBLE TO ATTEND IN PERSON  
TO MAXIMISE THE NETWORKING OPPORTUNITIES.**

**1:00-1:55pm** Industry sponsored lunch

**Session 1. 2-3:30pm**

Introduction to MERN: Dr Rajiv Mohanraj and Dr Rob Wykes.

Prof Gonzalo Alarcon - Excitation and inhibition revisited in the human brain

Prof Alex Casson - Recent developments in ambulatory and wearable EEG.

Dr Daniela Di Basilio - Functional seizures and pain: understanding possible links. A mixed-methods study.

Prof Sid Banka- The Manchester Rare Conditions Centre

Anna Norton (Research & Involvement Officer, Epilepsy Research UK): UK Epilepsy Priority Setting partnership - Top 10 priorities for epilepsy research.

**3:30-3:50** Tea and coffee break

**Session 2. 3:50-5:30pm**

External Guest Dr Sukhvir Wright - Aston University: "Fighting Brain Fires in Autoimmune Epilepsy."

Dr Md Shadab Mashuk - Machine learning in identifying predictors of epilepsy treatment outcomes from electronic data

Dr Matthew Bluett-Duncan. Delineating the longer-term outcomes associated with diagnosed fetal valproate spectrum disorder.

Kate Hills - Do seizures and spreading depolarizations influence glioblastoma growth?

Dr Rob Wykes - Investigating the role of the astrocyte potassium channel Kir4.1 to seizure susceptibility in temporal lobe epilepsy.

Concluding comments and discussions.

**Bookings close Wednesday 11th January**

**[HTTPS://WWW.EVENTBRITE.CO.UK/E/MANCHESTER-EPILEPSY-RESEARCH-NETWORK-MEETING-TICKETS-475128601437?UTM-CAMPAIGN=SOCIAL&UTM-CONTENT=ATTENDEESHARE&UTM-MEDIUM=DISCOVERY&UTM-TERM=LISTING&UTM-SOURCE=CP&AFF=ESCB](https://www.eventbrite.co.uk/e/manchester-epilepsy-research-network-meeting-tickets-475128601437?utm-campaign=social&utm-content=attendeeshare&utm-medium=discovery&utm-term=listing&utm-source=cp&aff=escb)**