

# Manchester Epilepsy Research Network

Understanding mechanisms and developing solutions to reduce the global burden of epilepsy.

**Inaugural meeting Friday 21<sup>st</sup> January 2022, 1-5 PM**

Venue: Lecture Theatre E, Zochonis building, UoM

Online (<https://zoom.us/j/9798952687>) Password: MERN

Dear Friends

It gives us great pleasure to invite you to the inaugural meeting of the Manchester Epilepsy Research Network (MERN). Many of us are engaged in basic science and clinical research related to epilepsy. MERN was established with the objective of bringing together academic and clinical researchers studying epilepsy and related disorders. We believe there is great potential for collaborative working which can generate exciting new research across the various disciplines and institutions in Manchester. We look forward to seeing you on the 21<sup>st</sup> of January.

Prof Richard Baines  
Academic Lead, MERN

Dr Rajiv Mohanraj  
Clinical lead, MERN

## PROGRAMME

<b>1300 -1305</b>	<b>Welcome</b>	<b>Prof Richard Baines</b>
<b>1305 -1325</b>	Bottom-up science: how model systems can spark ideas	Prof Richard Baines
<b>1325 - 1345</b>	Discussion	
<b>1345 -1405</b>	Can DNA methylation arrays improve diagnostic accuracy for epilepsies?	Prof Siddharth Banka
<b>1405 - 1425</b>	Discussion	
<b>1425 - 1445</b>	Novel technologies, preclinical models, and advanced therapeutics to study and treat epilepsy	Dr Rob Wykes
<b>1445 - 1505</b>	Discussion	
<b>1505 - 1525</b>	<b>COFFEE BREAK</b>	
<b>1525 - 1545</b>	Investigating the impact of in utero exposure to antiseizure medications on the developing brain	Dr Rebecca Bromley
<b>1545 - 1605</b>	Discussion	
<b>1605 -1625</b>	Seizure disorders research: what can clinical neurosciences contribute?	Dr Rajiv Mohanraj
<b>1625 -1645</b>	Discussion, close	

<https://sites.manchester.ac.uk/mern>

