



MONASH  
University

# The STM Community and Researcher Engagement (CaRE) Program presents

## THE BRAIN WEBINAR SERIES - 'EPILEPSY'

Over 65 million people worldwide are living with epilepsy. Epilepsy is a neurological disorder characterised by recurrent seizures. Seizures, caused by disruption in electrical activity in the brain, can result in changes to sensation, awareness, behaviour or movement. The most common causes of epilepsy are head trauma, stroke, infection, genetics and congenital brain abnormalities. However, in approximately half of cases, the cause of the epilepsy will be unknown.

This seminar will provide an overview of the state-of-the-art treatments for epilepsy, including new medications, surgery, dietary therapy and neuromodulation. We will also highlight novel approaches under intense research, including medical technologies, artificial intelligence, and human stem cells in personalising the approach to treatment. The inclusion of consumers in the research team, and future opportunities for consumer engagement in epilepsy research will be discussed

Hear from our line-up of experts, including:

Clinician Researcher, **Professor Patrick Kwan** -

Patrick is a Professor of Neurology in the Department of Neuroscience within the School of Translational Medicine, and Co-Director of Monash Institute of Medical Engineering, a unique cross-faculty platform that provides support in the training, research and commercialisation of techno-logical solutions for unmet clinical needs.

Clinician Researcher, **Dr Neha Kaul** -

Neha is an early-career, clinician-researcher specialising in neurosciences and critical care nutrition. She established and leads the dietary therapy for epilepsy program at Alfred Health.

And lived experience community member, **Chris Ewart** -

Chris is one of Monash's Persons With lived Experience of Epilepsy (PWE). Given Chris' own experience with medications over the past 30 years, he is particularly interested in studies looking at the impact of epilepsy medica-tions on the lives of those taking them, including the potential side effects.

## EVENT DETAILS

**Date:** Thursday 14th of November 2024

**Time:** 5:30 - 8:00pm in person

**Location:** In-person at The Betty & John Laidlaw AO Alfred Innovation & Education Hub75 Commercial Rd, Melbourne VIC 3004, Australia

Virtual webinar via zoom, please register here: <https://events.humanitix.com/research-in-epilepsy-monash>

Join the conversation online using  
#CAREepilepsy2024

## FOR MORE INFORMATION CONTACT CaRE

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