

EPILEPSY SOCIETY OF AUSTRALIA

35th Annual Scientific Meeting

To be held virtually

2 - 4 November 2021

www.ivvy.com/event/ESA21



Virtual Scientific Program at a Glance

(October 2021, times are AEDT, subject to change at any time)

Day 1 - Tuesday, 2nd November

1240 - 1250	Logging in
1250 - 1300	Meeting Welcome and Opening – <i>Terence O'Brien, Dean Jones and Tyson Ware</i>
1300 - 1500	Session 1: Epilepsy Comorbidities I Chairs: Michelle Kiley & Dean Jones
1300 - 1330	Vitamin D and neurological disease risk and progression is there a link? – <i>Bruce Taylor</i>
1330 - 1400	Concurrent medical co-morbidities and medication – <i>Piero Perucca</i>
1400 - 1430	Management of Epilepsy patients with ID – <i>Steve Malone</i>
1430 - 1500	SUDEP - what's new – <i>Doug Crompton</i>
1500 - 1530	Afternoon Tea Break
1530 - 1800	Session 2: Epilepsy Comorbidities II Chairs: John Archer and Jo Chan
1530 - 1600	Cognitive Comorbidities - <i>Genevieve Rayner</i>
1600 - 1630	Epilepsy and Mood – <i>Milena Gandy</i>
1630 - 1715	Difficult cases & panel discussion - complex comorbidities
1715 - 1800	Peter Bladin Prize Lecture: Women with epilepsy – <i>Cecilie Lander</i>
1800 - 1815	Break
1815 - 1845	Poster Viewing Session 1

Day 2 - Wednesday, 3rd November

0820 - 0830	Logging in
0830 - 1030	Session 3: Epilepsy Genomics in the Post-Mendelian Era I Chairs: Saul Mullen and Kaitlyn Parratt
0830 - 0915	Keynote Lecture: Precision medicine for epilepsy patients: from targeted anti-seizure drugs to gene therapy – <i>Ingrid Scheffer</i>
0915 - 0940	Polygenic risk scores: quantifying the role of common variants in Epilepsy – <i>Karen Oliver</i>
0940 - 1005	Cerebral malformations – <i>Richard Leventer</i>
1005 - 1030	Developmental epileptic encephalopathy genetics: lessons from a Tasmanian cohort – <i>Tyson Ware</i>
1030 - 1100	Morning Tea Break
1100 - 1300	Session 4: Epilepsy Genomics in the Post-Mendelian Era II Chairs: Sam Berkovic and Simone Ardern-Holmes
1100 - 1130	Utility of early genetic testing in the severe epilepsies of infancy – <i>Katherine Howell</i>
1130 - 1155	Integrating genomics into clinical epilepsy care – <i>Lata Vadlamudi</i>
1155 - 1220	Pharmacogenomics – <i>Patrick Kwan</i>
1220 - 1300	Case Presentations/Panel Discussion

1300 - 1400	Lunch Break
1315 - 1345	Poster Viewing Session 2
1400 - 1530	Session 5: The Young Epilepsy Section (YES) Platform Session Chairs: Patrick Carney and Honor Coleman
1400 - 1415	A systems biology approach to interrogate the molecular pathways underlying absence epilepsy – <i>Debbie Chong</i>
1415 - 1430	Electrical Stimulation of Thalamic centromedian nucleus for Epilepsy of Lennox-Gastaut syndrome (ESTEL): a randomised, double-blind, placebo-controlled epilepsy treatment trial – <i>Linda Dalic</i>
1430 - 1445	Developing patient-specific brain organoid models to personalise anti-seizure medication choice – <i>Zoe Hunter</i>
1445 - 1500	Development of personalized “disease-in-a-dish” model of focal cortical dysplasia using induced pluripotent stem cells – <i>Muhammad Shahid Javaid</i>
1400 - 1515	The optimal target and connectivity for deep brain stimulation in Lennox-Gastaut syndrome – <i>Aaron Warren</i>
1415 - 1530	Driving Advice Following Confirmation of Non-Epileptic Seizures – <i>Emily Watson</i>
1530 - 1600	Afternoon Tea Break
1600 - 1730	ESA Annual General Meeting (via Zoom Meeting)

Day 3 - Thursday, 4th November

0820 - 0830	Logging in
0830 - 1000	Session 6: Platform session II Chairs: David Vaughan and Hanka Laue-Gizzi
0830 - 0845	Short-term heart rate variability predicts sudden unexpected death in epilepsy – <i>Shobi Sivathambooo</i>
0845 - 0900	Entry of antiepileptic drugs, valproate and lamotrigine, into developing brain in a rat model of epilepsy (GAERS) – <i>Fiona Qiu</i>
0900 - 0915	Risk factors and consequences of self-discontinuation of treatment by patients with newly diagnosed epilepsy – <i>Sameer Sharma</i>
0915 - 0930	Seizure Forecasting Using Long-Term EEG and ECG – <i>Ewan Nurse</i>
0930 - 0945	Markers of epileptogenicity in bottom-of-sulcus dysplasia (BOSD) support corticectomy limited to the dysplastic sulcus – <i>Emma Macdonald-Laurs</i>
0945 - 1000	Functional Evaluation and Diverse Clinical Features of GABRB3 variants in Developmental and Epileptic Encephalopathies – <i>Nathan Absalom</i>
1000 - 1030	Morning Tea Break
1030 - 1300	Session 7: Psychogenic Non-epileptic Seizures Chairs: John Dunne and Kavitha Kothur
1020 - 1100	PNES: Morbidity and Mortality – <i>Terence O'Brien</i>
1100 - 1130	PNES: Mechanisms/Pathogenesis – <i>Richard Kanaan</i>
1130 - 1200	PNES: Treatment – <i>Sarah Wilson</i>
1200 - 1240	Video-EEG session – <i>Andrew Bleasel and Ernest Somerville</i>
1245 - 1300	Awards Session and Close
1300 - 1330	Lunch Break
	Optional Workshop Included in Full Registration / Workshop Only Virtual Registration \$75
1330 - 1615	Workshop: Using seizure semiology to localise the epileptogenic zone A case-based, interactive workshop for clinicians and scientists Chairs: <i>Lisa Gillinder, Andrew Neal, Chong Wong and Jo Chan</i>
1330-1445	Workshop Part 1
1445-1500	Break
1500-1615	Workshop Part 2