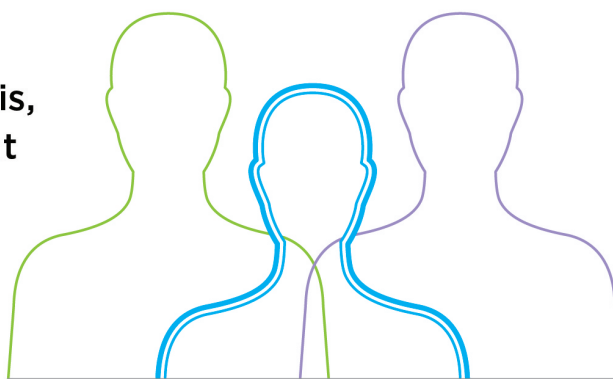


ME/CFS

The biomedical basis,
diagnosis, treatment
and management

12-15 March 2019

Geelong, Australia



www.emerge.org.au/symposium

Emerge Australia is supported by funding from the Australian Government Department of Health

International Research Symposium

Welcome - Tuesday 12 March

5.00pm	Registration Open - Level 1 Novotel
6.00-10.00pm	Welcome Reception - Limeburners Room Refreshments & BBQ buffet (dress code: smart casual)

DAY 1 - Wednesday 13 March

8.30am	Symposium Opening - Dr Heidi Nicholl, CEO, Emerge Australia
Session 1 - Mitochondrial function and signalling	
Chair: Professor Sonya Marshall Gradisnik and Professor Donald Staines	
8.40-9.30am	Professor Paul Fisher: Specific mitochondrial respiratory defects and compensatory changes in immortalised ME/CFS patient lymphocytes (includes Q&A)
9.30-10.00am	Dr Cara Tomas: Cellular Bioenergetics in ME/CFS (includes Q&A)
10.00-10.25am	Morning Tea

Session 2 - Immunology

Chair: Professor Paul Fisher

10.25-11.25am	Professor Sonya Marshall-Gradisnik & Professor Donald Staines: Immunological and calcium signalling for defining Chronic Fatigue Syndrome/ Myalgic Encephalomyelitis
11.25-12.05pm	Dr Travis Craddock: From gene expression to multisystem regulation: identifying optimal treatment courses for complex chronic illnesses (includes Q&A)
12.05-12.25pm	Professor Geraldine Cambridge: Abstract Presentation - Differences between immunophenotype of B-cells from healthy controls and patients with ME/CFS persist following in vitro culture and correlate with energy metabolism
12.25-1.10pm	Lunch

Session 3 - Neuroimaging

Chair: Dr Paul Gooley

1.10-1.40pm	Dr Leighton Barnden: Brain stem myelination and MRI changes in CFS/ME
1.40-2.10pm	Dr Elisha Josev: Mapping fatigue in the brain in paediatric chronic fatigue syndrome

DAY 1 – Wednesday 13 March

Session 4 – Biobanking & Clinical Data

Chair: Dr Elisha Josev	
2.10-2.50pm	Dr Luis Nacul, title tbc
2.50 -3.30pm	Professor Brett Lidbury: Rethinking diagnostic reference intervals for ME/CFS via machine learning, and the utility of Activin B to assess symptom severity
3.30-9.00pm	Optional afternoon excursion, afternoon tea, dinner at Bellarine Peninsula Winery

DAY 2 – Thursday 14 March

Session 1 – Research Innovation, Big Data, Bioinformatics

Chair: Dr Alice Richardson

8.30-9.30am	Dr Ron Davis, title tbc
9.30-10.10am	Dr Wenzhong Xiao: The severely ill patient study of ME/CFS
10.10-11.00am	Dr Robert Phair: Metabolic traps in ME/CFS
11.00-11.30am	Morning Tea

Session 2 – Metabolomics and Transcriptomics

Chair: Dr Neil McGregor

11.30-12.05am	Dr Christopher Armstrong: Longitudinal metabolomics research
12.05-12.45pm	Dr Ruud Raijmakers: Transcriptome analysis of QFS and CFS in the Netherlands
12.45 - 1.30pm	Lunch

Session 3 – Genomics & Proteomics

Chair: Dr Cara Tomas

1.30-2.10pm	Dr Neil McGregor: An omic analysis of ME/CFS: an assessment of potential mechanisms
2.10-2.55pm	Dr Alain Moreau: Role of stress-activated circulating microRNAs in ME/CFS pathophysiology
2.55-3.40pm	Dr Jonas Bergquist, title tbc
3.40-4.00pm	Afternoon tea

Session 4 – ME/CFS Methodology, Computer Interaction & Collaboration

Chair: Dr Ashish Sethi

4.00-4.15pm	Dr Suzanne McDonald: Using N-of-1 methods to identify patterns and predictors of ME/CFS symptom exacerbations
4.15-4.30pm	Dr Ryan Kelly & Melissa Rogerson: ME/CFS research in human-computer interaction
4.30-4.45pm	Dr Eliana Lacerda: The European network on ME/CFS - how best to connect research and healthcare across Europe

Symposium Dinner & Awards

7.00-11.00pm	Dinner and award presentation (dress code: smart)
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DAY 3 – Friday 15 March

9.50-10.00am	Welcome by Dr Heidi Nicholl, Emerge Australia CEO
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Session 1 – Clinical Experience

Chair: Dr Heidi Nicholl

10.00-10.40am	Dr Mark Donohoe: title tbc
10.40-11.20am	Dr Bruce Wauchope: title tbc
11.20-12.00pm	Dr Mark Donohoe, Dr Don Lewis, Dr Lisa McLindon-Smith, Dr Nicole Phillips: Clinical Q&A
12.00-12.15pm	Coffee Break

Session 2 – Day 1 & 2 Symposia Report Back

12.15-12.35pm	Daniel Missailidis, Latrobe University: Day 1 Report
12.35-1.00pm	Dr Brett Lidbury, ANU: Day 2 Report
1.00-1.40pm	Lunch

Session 3 – Patient & Researcher Workshop

1.40-2.20pm	Keynote Speaker: Dr Ron Davis
2.20-2.30pm	Research Update: Jarred Younger Video Screening
2.30-2.45pm	Patient Anna Kerr & Bloxas Design Architect Anthony Bloxas: Empathic design and ME/CFS: a conversation
2.45-3.50pm	Breakout sessions with tables of researchers and patients, facilitated discussions, Q&A
3.50-4.00pm	Symposium Close – Sally Missing, Emerge Australia
Until 5.00pm	Coffee & tea will be available

* Program schedule correct at time of printing & subject to amendment