

Cool Topics 2023

The latest in neonatal research



Face to face event, 29-30 November 2023
Florey Brain Centre, Melbourne, Australia
Register via [Eventbrite](#)

We are very pleased to be welcoming you to Cool Topics 2023.

There is a lot to talk about!



Keynote speaker

Katie Groom is Professor of Maternal and Perinatal Health at the Liggins Institute, University of Auckland. She is a Subspecialist in Maternal and Fetal Medicine at National Women's Health, Te Toka Tumai, Auckland City Hospital.

Katie has led and is leading several multicentre clinical trials in maternal and perinatal health including the HRC and MRFF funded C*STEROID Trial currently recruiting across ANZ. She has been clinical lead for preterm birth services at Te Toka Tumai since 2013, when she established the first-ever Preterm Birth Clinic in Aotearoa. She has extensive clinical and research experience in the management of both spontaneous and provider-initiated preterm birth. She is the Chair of the Carosika Collaborative Steering Group and Co-leader for Taonga Tuku Iho Knowledge Translation for Equity in Preterm Birth Care and Outcomes in Aotearoa.

Highlights of this year's face-to-face event will include:

- The world-first presentation of the results of the PLUSS trial of combined surfactant/steroid therapy for extremely preterm babies.
- We will delve into the captivating history of neonatology. What have we learnt over the past half century and where should we go from here?
- Parents will share the things that are important to them, and we will discuss how best to incorporate their voices in clinical care and research.
- Our neurodevelopmental experts will discuss the latest interventions, before and after discharge from NICU, to ensure that babies thrive in childhood and beyond.

Venue seating is limited to 250 people, so please register early to avoid disappointment.



Special thanks to our partners



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Program Day 1

- 7.30 am** Registration opens
Welcome tea and coffee served in the foyer
- Session 1** **Chaired by Jeanie Cheong & Kate Hodgson**
- 8.30 am** Welcome to CT - Brett Manley
- 8.35 am** **Katie Groom**
50 years of antenatal corticosteroids - what's the latest?
- 9.05 am** **Lex Doyle**
Postnatal corticosteroids to prevent or treat BPD - where are we in 2023?
- 9.35 am** **Brett Manley**
Is intratracheal budesonide the BPD silver bullet? Results of the international PLUSS trial
- 10.00 am** **Discussion**
- 10.30 am** Morning Tea
- Session 2** **Chaired by Alicia Spittle & Kate Cameron**
- 11.00 am** **Jeanie Cheong**
Follow-up state of the art in 2023 - translating observational to better care
- 11.20 am** **Peter Anderson**
Neonatal MRI: to scan or not to scan?
- 11.40 am** **Rose Boland**
50 shades of grey: complexities of decision making and care in the grey zone
- 12.00 pm** **Discussion**
- 12.30 pm** Lunch
- Session 3** **Chaired by Jennifer Dawson & Amir Zayegh**
- 1.30 pm** **Lex Doyle**
Neonatal intensive Care in 2023 - how did we get here?
- 2.10 pm** **Jennifer Walsh**
Tiny Babies: The Future of Neonatology
- 2.30 pm** **Discussion**
- 3.00 pm** Afternoon Tea
- Session 4** **Chaired by Marta Thio & Rose Boland**
- 3.30 pm** **Jennifer Dawson**
What's cool in neonatal resuscitation?
- 4.00 pm** **Peter Davis**
Non-invasive ventilation: Anecdotes and evidence
- 4.30 pm** **Discussion**
- 5.00 pm** Day 1 program finish

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Program Day 2

- 7.30 am** Registration - tea and coffee served in the foyer
- Session 5** **Chaired by Jeanie Cheong & Free Coulston**
- 8.35 am **Rod Hunt**
Seizures and neurocritical care
- 9.05 am **Mark Mackay**
Update in perinatal stroke: current initiatives
- 9.35 am **Discussion**
- 1030 am** Morning Tea
- Session 6** **Chaired by Lex Doyle**
- 10.30 am **Alicia Spittle**
It pays to be EARLY: early assessment, early detection and early intervention
- 11.00 am **Amanda Kwong, Kate Cameron, Free Coulston**
Rated PG: Filling the parental guidance gap in early detection and research
- 11.30 am **Loni Binstock, Vanessa McCallum**
Parent Q & A
- 12.00 pm** Lunch
- Session 7** **Chaired by Brett Manley & Liz Baker**
- 1.00 pm **Louise Owen**
Alternative consents in neonatal trials
- 1.20 pm **Amir Zayegh**
Ethics & consent
- 1.40 pm **Calum Roberts**
NeoGastric
- 1.55 pm **Stacey Peart**
AIROplane
- 2.10 pm **David Tingay**
POLAR
- 2.25 pm **Discussion**
- 3.00 pm** Afternoon Tea
- Session 8** **Chaired by Rod Hunt & Stacey Peart**
- 3.30 pm **Katie Groom**
Preventing preterm birth: can it really reduce the NICU caseload? 4.00 pm
- 4.00 pm **Christiane Theda**
Cool new tools in the NICU 4.30 pm
- Discussion**
- 5.00 pm** Closing address – Jeanie Cheong & Brett Manley