Wild and Comparative Immunology (WACI) Workshop 2019

About the workshop
The workshop will take place in Hobart, Tasmania on 5-6 December, 2019.

Venue
RACV/RACT Hobart Apartment Hotel – Collins Room
10% discount if at least 8 rooms are booked at RACV with:

Block Code: 1912MENZIE
Reference: 8985957

2019 Program

Thursday, 5 December 2019

0815 - 0900	**Workshop registration open** **Location:** RACV/RACT Hobart Apartment Hotel – Collins Room
0900 – 0930	**Opening Session:** Why are we here and where are we going? Prof Graeme Zosky – Deputy Director, Menzies Institute for Medical Research, UTAS Jerome Le Nours – Welcome to the workshop Howard Roberts - Millennium Science Pty Ltd General Introductions
Theme 1	**Reagent, techniques, and applications**
0930 – 1000	Theme 1 – Andy Flies – FAST proteins for Wild Immunology
1000 – 1030	Theme 1 - Sarah Shigdar - Can aptamers fill the gap? Their potential for WACI.

1030 – 1100	**Morning Tea**

Theme 1	**Reagent, techniques, and applications** Session chair: Michelle Baker
1100 – 1130	Theme 1 –Sri Ramarathinam – Devil is in the detail: Developing Mass spectrometry assays to understand antigen presentation in Tasmanian Devil Facial Tumour Disease
1130 – 1200	Theme 1 – Jerome Le Nours - Molecular insights into non-peptide-centric T cell immunity

1200 - 1300	**Lunch -** provided at the venue

Theme 2	**New model species development** Session chair: Andy Flies
1300 – 1330	Theme 2 – Rob Miller – What new model species teach us about immune systems that mice did not
1330 - 1400	Theme 2 - Yuanyuan Cheng – Towards a better understanding of immune gene families in wild species in the era of 3rd-generation sequencing
1400 - 1430	Summary and discussion – Michelle Baker and Amanda Patchett

1430 - 1500	**Afternoon tea**

1500 - 1630	Day 1 summary and discussion
1800 – 2000	**Science in the Pub – WACI pub talk (click to register)** Location: Republic Bar and Cafe, 299 Elizabeth Street, North Hobart Wild diseases – the answers are out there #SciPubWild <u>Panellists</u> Travis Beddoe, La Trobe University Chrissie Ong, Menzies Institute for Medical Research, University of Tasmania Liana Wait, Princeton University *Free nibbles at the event*

Friday, 6 December 2019

0830 - 0900	Arrival and networking **Location:** RACV/RACT Hobart Apartment Hotel – Collins Room
Theme 3	**Real-world immunology** Session chair: Bruce Lyons
0900 – 0930	Theme 3 - Kenneth Beagley - Developing a Koala Chlamydia vaccine: a long and winding road
0930 – 1000	Theme 3 - Kirsty Short – Comparative genomics: an important weapon in the fight against avian influenza
1000 - 1030	Theme 3 – Anne Peters - A long-term individual-based study in a tropical bird

1030 – 1100	**Morning Tea**

Theme 4	**WACI in the next decade** Session chair: Jerome Le Nours
1100 – 1130	Theme 4 – Lee Skerratt - Emerging Infectious Diseases: past, present and future with a focus on chytridiomycosis?
1130 – 1200	Theme 4 - Michelle Baker

1200 - 1300	**Lunch** – provided at the venue

Theme 5	**Synthesis and strategy**
1300 – 1330	Summary and discussion – Jerome Le Nours and Andy Flies
1330 – 1500	Manuscript outline(s) – Jerome Le Nours, Andy Flies, Michelle Baker

1500 – 1530	**Afternoon tea**

Theme 5	**Synthesis and strategy**
1530 - 1630	Funding plans (e.g. ARC Centre of Excellence (CoE) 2023)

WACI2019 contacts
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Transportation
Airports:
Hobart Airport ~20 minute drive to conference venue; buses and taxis available
Launceston Airport ~2 hour drive to conference venue

Things to do nearby
Mount Field National Park ~ 90 minutes
Bruny Island ~ 30 minute drive + 30 minute ferry ride
Port Arthur Historic Site ~ 90 minutes
Bonorong Wildlife Sanctuary ~ 30 minutes
Freycinet National Park ~ 2 hours 30 minutes
Mount Wellington – Kunanyi ~ 30 minutes
Museum of Old and New Art (MONA) ~ 20 minutes
Cradle Mountain National Park ~ 4 hours