

Immunology Networking Symposium

24 - 25 November 2021

PROGRAM

Wednesday 24 November

10.00 - 10.10 Welcome and Acknowledgement of Country
Gabrielle Belz

Molecular mechanisms of Immunity

Chairs: Syeda Farhana Afroz, Chris Engwerda

10.10-10.25	Antje Blumenthal	UQDI	Host signatures of Mycobacterium tuberculosis restriction in infected tissues
10.25-10.40	Katharina Ronacher	Mater	Oxidised Cholesterols in the Lung: Novel Immune Regulators during Bacterial and Viral Respiratory Infections
10.40-10.55	Thomas Ve	Griffith	Molecular basis of TIR domain function in axon degeneration and Toll-like receptor signalling
10.55-11.10	Rob Parton	UQ IMB	Lipid Droplets and the Host-Pathogen Dynamic
11.10-11.25	Roland Ruscher	JCU	"Timestamp" fate mapping for analysis of T cells generated at distinct ages
11.25-11.40	Kate Stacey	UQ SCMB	Structure-function analysis of the TLR4 signalling complex
11.40-12.05	Questions and discussion		
12.05-1.00	<i>Lunch break</i>		

Cancer and Vaccines and Therapy / Immunotherapy

Chairs: Ray Steptoe, Sophie Curio

1.00-1.15	Rajiv Khanna	QIMRB	"Living Drugs" changing the way we treat cancer, infections and autoimmune diseases
1.15-1.30	Camille Guilerey	Mater	Investigating NK cells using humanised mice
1.30-1.45	Maher Gandhi	Mater (Director)	Brain lymphoma – hope on the horizon?
1.45-2.00	Adi Idris	Griffith	Developing novel therapies against HPV driven cancers
2.00-2.15	Riccardo Dolcetti (Zoom)	Peter Mac	Cancer Vaccines: challenges and perspectives
2.15-2.40	Questions and discussion		
2.40-3.10	<i>Afternoon tea</i>		

Emerging Covid Related Diseases: Nanostring Sponsored Session

Chairs: Larisa Labzin, Sahar Keshvari

3.10-3.25	Lucy Burr	Cystic Fibrosis	Clinical presentations of COVID-19
3.25-3.40	Robert Bird	Mater	Vaccine Induced Thrombosis & Thrombocytopenia – VITT
3.40-3.55	Richard Mills	QIMRB	BET Inhibition Blocks Inflammation-Induced Cardiac Dysfunction and SARS-CoV-2 Infection
3.55-4.10	Yumi Oh	RBH/PAH	COVID-19 A to Z
4.10-4.25	Arutha Kulasinghe	Nanostring	The spatial landscape of lung pathology during COVID-19 progression – <i>Kindly Sponsored by Nanostring</i>
4.25-4.50	Questions and discussion		

Panel Discussion: Emerging Diseases – Where should the research focus for the future be?

Chair: Professor Ranjeny Thomas

5.00-6.00	Helen Benham Anand Gautam John Fraser Frances Dark Patsy Yates	PAH Pfizer Prince Charles Head Psychiatry (PAH) QUT
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6.30-9.00pm Symposium Dinner: Enoteca (10-12 Logan Rd, Woolloongabba QLD 4101)
Networking Event "Can You Keep a Secret" (619-621 Stanley St, Woolloongabba QLD 4102)

10.00 - 10.10 Welcome and Acknowledgement of Country
Matthew Sweet

Mucosal Immunology, Nutrition and Microbiome

Chairs: Severine Navarro, Roland Ruscher

10.10-10.25	Paul Giacomini	JCU	Regulation of inflammation by hookworms
10.25-10.40	Mark Morrison	UQDI	Food additives and the (Crohn's disease) gut microbiota: where a little bit can go a long way?
10.40-10.55	Andreas Kupz	JCU	Vaccine development for tuberculosis
10.55-11.10	Paraic O'Cuiv	Microba	A human-first, data-driven approach supports rapid discovery of novel microbiome derived therapeutics for ulcerative colitis
11.10-11.25	Antiopi Varelias	QIMRB	Harnessing the gut microbiota to improve stem cell transplant outcome.
11.25-11.50	Questions and discussion		
11.50-1.00	<i>Lunch break</i>		

Tolerance, Autoimmune and Inflammatory Diseases

Chairs: Di Yu, Paul Giacomini

1.00-1.15	Snehlata Kumari	UQDI	Innate immune and cytokine signalling in skin inflammation
1.15-1.30	Steve Daley	QUT	Why is cysteine rarely found in the antigen-binding loops of T cell receptors
1.30-1.45	Kate Irvine	Mater	Macrophage Colony Stimulating Factor (CSF1): A potential multi-mechanism-of-action therapy for liver disease
1.45-2.00	Lara Herrero	Griffith	What if an antiviral just won't do: finding treatments for immune-mediated viral diseases
2.00-2.15	Candice Lee	QUT	Association of a novel long non-coding RNA in chromosome 21q22 with Ankylosing Spondylitis immunopathogenesis
2.15-2.45	Questions and discussion		
2.45-3.15	<i>Afternoon tea</i>		

Infectious Diseases: Strengths, Gaps, Pipeline, Progress, Networks and Clinical Trials

Chairs: Danielle Stanisc, Megan Soon

3.15-3.30	Kate Seib	Griffith	Can a repurposed meningococcal vaccine prevent gonorrhoea?
3.30-3.45	Mark Walker	UQ SCMB	Preclinical assessment of experimental GAS vaccines using mouse and NHP models
3.45-4.00	Bernd Rehm	Griffith	An innovative biopolymer particle-based rapid response vaccine technology
4.00-4.15	Denise Doolan	JCU	Overview of infectious disease in FNQ - opportunities and challenges
4.15-4.30	Michael Good	Griffith	Vaccine trials for diseases of the developing world: challenges and opportunities.
4.30-4.50	Questions and discussion		

Panel Discussion Infectious Diseases: Opportunities and Collaborations

Chair: Professor Jason Roberts

5.00-6.00	Sarah Meibusch Kirsty Short Mark Walker Trent Munro Janet Davies Scott Bell	One Venture UQ SCMB UQ SCMB UQ AIBN QUT (Assoc Dean Research Centre for Infection Control) TRI CEO
6.00pm	Close Meeting and Thank You <i>Gabrielle Belz</i>	

