



AGTA LIVE

COVID-19 SPECIAL MEETING

Genomics, Science and the Coronavirus

Friday 15th May 2020, 1 - 4:30pm AEST



1:00 – 1:05pm	Opening Remarks Professor Marcel Dinger (UNSW Sydney & AGTA President)
1:05 – 1:25pm	Viral zoonoses and the emergence of COVID-19 Professor Edward Holmes (University of Sydney, Australia)
1:25 – 1:45pm	Flattening the curve Professor Jon Iredell (Westmead Institute & University of Sydney, Australia)
1:45 – 2:00pm	Preparing Australia for population scale COVID-19 testing Josh Warburton, (Decode Science)
2:00 – 2:20pm	Nanopore direct RNA sequencing of COVID-19 Professor Lachlan Coin (Doherty Institute, Australia)
2:20 – 2:40pm	Genomics empowered surveillance of COVID-19 in New Zealand Dr Joep de Ligt (ESR, New Zealand)
2:40 – 2:55pm	Genetic analysis solutions for SARS-CoV-2 research Bansi Sanghvi (Thermo Fisher Scientific)
2:55 – 3:15pm	RNA transcriptomics in SARS-2 infection Associate Professor Rowena Bull (UNSW Sydney, Australia)
3:15 – 3:35pm	How sequencing all COVID-19 positives has transformed public health decision making Associate Professor Torsten Seemann (Doherty Institute, Australia)
3:35 – 3:55pm	An analysis pipeline for COVID-19 nanopore sequencing James Ferguson (Garvan Institute of Medical Research, Australia)
3:55 – 4:10pm	QIAseq solutions for studying SARS-CoV-2 and its effects using NGS Brian Dugan, Global Product Management (Qiagen, USA)
4:10 – 4:30pm	Nextstrain: Real-time Tracking and Visualization of COVID-19 Evolution Dr James Hadfield (Fred Hutch, Seattle, WA, USA)
4:30 - 4:35pm	Concluding Remarks
4:35 – 5:00pm	Break-out time with audience, speakers and sponsors



This meeting is proudly presented by the AGTA 2020 Organising Committee

Professor Marcel Dinger (Co-Convenor), UNSW Sydney
Associate Professor Ruby Lin (Co-Convenor), The University of Sydney
Dr Helen Speirs (Co-Convenor), Ramaciotti Centre for Genomics
Associate Professor Mark Cowley, Children's Cancer Institute
Dr Robert Day, University of Otago
Mr James Ferguson, Garvan Institute of Medical Research
Associate Professor Jessica Mar, The University of Queensland
Ms Vikki Marshall, Monash University
Dr Nic Waddell, The University of Queensland
Dr Mark Waltham, The University of Melbourne
Miss Sandra Fitzgerald (Student Representative), The University of Auckland
Miss Tamsin Robb (Student Representative), The University of Auckland

We are grateful for the generous support of our sponsors that enabled this event to be free for all to attend.



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The COVID-19 Special Meeting was brought to you by **Australasian Genomic Technologies Association (AGTA)**.

AGTA is a **not-for-profit association** and a **registered charity**, dedicated to advancing and **promoting the field of genomics and genomic technologies** in Australasia.

For more information about AGTA and how to become a member, please visit <https://agtagenomics.org.au/>

