



AGTA LIVE
2021

Future of Conservation Genomics: Preserving biodiversity of our planet



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The biodiversity crisis is a significant issue which has far reaching impacts on the environment, food security and human health. It is essential to maintain diversity across ecosystems, diversity across species and diversity across genes. Join us in a discussion on how genomics is being used in the Australasian region in species recovery and conservation management; what the future holds and what our social and environmental responsibilities are.

FULL PROGRAM – 12 AUGUST 11am to 3pm AEST

Time	Talk theme	Speaker	Organisation
11.00am (AEST)	Acknowledgement of Country & Opening Remarks	Marcel Dinger	AGTA / UNSW Sydney
11.10am	Keynote talk: Indigenous engagement	Chels Marshall	
11.30am	Applied conservation genomics - plants	Jason Bragg	Royal Botanical Gardens Sydney
11.45am	Applied conservation genomics - wildlife	Sasha Pavlova	Monash University
12.00am	Applied Genomics & NZ indigenous engagement	Aisling Rayne	University of Canterbury
12.15pm	End-user applications - DHI	Saul Cowen	WA Dept of Biodiversity, Conservation and Attractions
12.30pm	Data analysis and management for conservation genomics	Zhiliang Chen	Illumina
12.45pm	Break and competition for best Zoom background		
1.00pm	BPA Environmental Themes	Sarah Richmond	BioPlatforms Australia
1.10pm	Genomics Aotearoa	Peter Dearden	Genomics Aotearoa
1.20pm	Future of evolutionary genomics	Oliver Griffith	Macquarie University
1.35pm	Future of conservation genomics	Alana Alexander	University of Otago
1.50pm	Aggregating computational modelling & population genetics	Catherine Grueber	University of Sydney
2.05pm	Engaging with conservation practitioners	Jenny Pierson	Australian Wildlife Conservancy
2.20pm	Moderated panel discussion - Genomics, Social & Environmental Responsibility	Chels Marshall, Sasha Pavlova, Peter Dearden, Oliver Griffith, Jason Bragg, Jenny Pierson	
2.50pm	Closing remarks	Carolyn Hogg	Threatened Species Initiative
3.00pm	Zoom link closes		

AGTA Live 2021: Future of Conservation Genomics was brought to you by **Australasian Genomic Technologies Association (AGTA)** and convened by **Dr Carolyn Hogg** (University of Sydney).

We are grateful for the generous support from Illumina that enabled this event to be free for all to attend.

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/>

