

[view this email in your browser](#)



**genomics
aotearoa**

DECEMBER NEWSLETTER

Season's Greetings

Thanks to our genomics community for your continued support over 2022. We appreciate your help with our Mid-term Review, Annual Report, Annual Meeting, seminars and training events. We wish you all a safe and happy holiday and look forward to catching up in 2023.

Genomics Aotearoa Annual Report 2022



**genomics
aotearoa**

**2022
Annual
Report**

Genomics Aotearoa is proud to share with you our 2022 Annual Report, highlighting successes over the past year. We invite you to follow the link

and look at what we've been doing - feel free to pass on to colleagues or let us know if you would like a hard copy version.

[Genomics Aotearoa 2022 Annual Report](#)

Brave New World



Genomics Aotearoa and Tūhura Otago Museum joined forces to generate a lively panel discussion earlier this month entitled Brave New World, on the power of genomic solutions and how genomics could impact our futures. Hosted by James Maclaurin (University of Otago), the panel included Amanda Black (Lincoln University), Justin O'Sullivan (Liggins Institute, University of Auckland), Tammy Steeves (Canterbury University), Jemma Geoghegan and Mike King (both University of Otago). This community outreach event was a great way to encourage New Zealanders to start thinking about the potential for genomics in health, conservation, primary production, and complemented our exhibition Genome: Science of Life at Tūhura Otago Museum.

See the full discussion on our YouTube channel. <https://www.youtube.com/watch?v=GshmpQOdCxo>

Genome: Science of Life exhibition update



Genomics Aotearoa's exhibition Genome: Science of Life is on show again at the Tūhura Otago Museum's Beautiful Science Gallery until February 19, 2023. Beautifully illustrated with augmented reality and large-scale digital imagery, the exhibition covers what a genome is, why it's important, and how genomics touches our everyday lives, with fascinating research examples.

Planning is underway to take the exhibition on tour to other New Zealand museums.

Ancient DNA and Dinosaur Day

In association with our exhibition: Genome: Science of Life an **Ancient DNA and Dinosaur Day** is being held at Tūhura Otago Museum on Sunday Jan 22nd. This fun day will involve a marathon screening of the first three Jurassic Park movies, an opportunity to learn how to extract DNA from a banana in the Beautiful Science Gallery, and we go back in time with Ancient DNA experts **Nic Rawlence, Catherine Collins and Michael Knapp** as they bring the skeletons in the Southern Lands Southern People gallery to life!

eResearch NZ 2023 registration

[Dr Warren Williams](#) is confirmed as a keynote speaker at the eResearch NZ 2023 hybrid conference planned from 15-17 February, 2023 at the University of Waikato. This year's theme of Capability, Connectivity and Equity focuses on research and capability-building initiatives that involve partnerships with tangata whenua.

Registrations are open and earlybird specials are available until January 20, 2022. Visit the [website](#) to register, and to subscribe to updates.

11th International Rosaceae Genomics Conference 2023

The deadline for submitting abstracts for the 11th International Rosaceae Genomics Conference 2023 has been extended - you now have until December 16 2022 to [submit an abstract](#). The conference, hosted by New Zealand, is being held at the Trafalgar Centre in Nelson from March 13-16, 2023. [Early bird registration](#) rates are available until January 14.

Congratulations

Congratulations to Professor Stephen Robertson, University of Otago, who was awarded the Hercus Medal from the Royal Society Te Apārangi, for research

on genetic conditions impacting children and seeking to establish equitable delivery of genomic medicine for Māori. Read more [here](#).

Papers published

November 2022. David J. Winter, Bevan S. Weir, Travis Glare, Johanna Rhodes, John Perrott, Matthew C. Fisher, Jason E. Stajich, Kākāpō Aspergillosis Research Consortium, Andrew Digby, Peter K. Dearden, Murray P. Cox. **A single fungal strain was the unexpected cause of a mass aspergillosis outbreak in the world's largest and only flightless parrot.** <https://doi.org/10.1016/j.isci.2022.105470>

19 October 2022. Elahe Parvizi, Manpreet K. Dhami, Juncong Yan, Angela McGaughran. **Population genomic insights into invasion success in a polyphagous agricultural pest, *Halyomorpha halys*.** <https://doi.org/10.1111/mec.16740>

Kākāpō in the spotlight



Research has been published that shows the cause of the 2019 pandemic, that wiped out around 4% of all kākāpō in New Zealand, was a fungal disease called aspergillosis. Read more [here](#).

[Peter Dearden interview on Newshub](#)

Genomics Aotearoa Seminar Series

Our seminars are finished for the year - we enjoyed a fascinating line-up of topics in 2022, thanks to our presenters, hosts and seminar organisers. Such is its popularity, we already have seminars lined up for next year, including two international speakers. We will start mid-February - details to follow early 2023.

Thanks to our November presenters:

- Liz Ross from the University of Queensland, who talked about Nanopore sequencing for cattle breeding.
- Roger Hellens from the Kiwifruit Breeding Centre presented on The Kiwifruit Breeding Centre and critical issues on breeding faster.

Please [let us know](#) if you have suggestions for future presenters or topics.

Genomics events calendar

- **February 15-17, 2023:** [eResearch NZ conference](#)
 - **March 13-16, 2023:** [11th International Rosaceae Genomics Conference](#)
 - **March 16-17, 2023:** [Media SAVVY for Māori researchers](#)
 - **July 16-21, 2023:** [23rd Congress of Genetics](#)
-

Genomics Aotearoa YouTube Channel



Genomics Aotearoa YouTube Channel

We welcome suggestions for linking to content that our community would find useful - please email [Jess McLean](#).

Have some news to share?

If you have items to share in future newsletters, please [get in touch](#).

Contact Genomics Aotearoa

Main: [Genomics Aotearoa](#)

Director: [Prof Peter Dearden](#) - 021 176 1680

Operations Manager: [Jayashree Panjabi](#) - 021 279 1160

Communications Manager: [Claire Grant](#) - 027 489 4471

Advisor – Communications and Research: [Jess McLean](#) - 027 365 8434

Training Coordinator: [Dr Tyler McInnes](#) - 027 391 8815

Vision Mātauranga Manager: [Tracey Godfery](#) - 027 458 9216



Want to change how you receive these emails?

If you are claire.grant@otago.ac.nz you can [update your preferences](#) or [unsubscribe here](#).

If you are not claire.grant@otago.ac.nz then this message has been forwarded to you.

If you would like to subscribe to our mailing list, you can do so at [here](#).

If you do not want to receive our emails, please contact the person who forwarded the email to you.

Copyright © 2022 Genomics Aotearoa, All rights reserved.

You are receiving this email because you opted in via our website.

Our mailing address is:

Genomics Aotearoa
Suite 1 Biochemistry Bldg
710 Cumberland Street, North Dunedin
Dunedin, Otago 9016
New Zealand

[Add us to your address book](#)

