



PAG AUSTRALIA

International Plant and Animal Genome Conference

Westin Perth, Perth Australia • 20-22 September 2023

PROGRAM OVERVIEW



BEN HAYES



ROBERT HENRY



JENNIFER MEADOWS



JENNIE PRYCE



JOSQUIN TIBBITTS



CAMILLA WHITTINGTON



XUN XU

Plenary Speakers

BEN HAYES, Queensland Alliance for Agriculture and Food Innovation, Australia

"Chromosome Segment Stacking for Accelerated Genetic Gain and Maintaining Genetic Diversity in Crops and Livestock"

ROBERT HENRY, Queensland Alliance for Agriculture and Food Innovation, Australia

"Genomics of Australian Plants to Support Diversification of Agriculture"

JENNIFER MEADOWS, Uppsala University, Sweden

"Leveraging Base Pair Constraint from 240 Mammals to Understand Genetic Variation and Disease"

JENNIE PRYCE, La Trobe University, Australia

"The Methane Challenge - Selecting for Low Emitting Dairy Cows"

JOSQUIN TIBBITTS, La Trobe University, Australia

"Weathering the Future: Concrete Actions to Meet the Food and Fibre Security Challenge"

CAMILLA WHITTINGTON, University of Sydney, Australia

"Convergent Evolution of Vertebrate Pregnancy and the Placenta"

XUN XU, BGI Research, China

"Understanding Biology through Spatiotemporal Omics"

Confirmed Workshop List*

- ✓ Advances in Predictive Breeding
- ✓ Advancing Plant and Animal Omics Frontiers: From Spatial Technologies to Comprehensive Genome References and Beyond
- ✓ Application of Comparative Genomics and Gene Editing for Climate Change in Animals
- ✓ Bovine Pangenome
- ✓ Cannabis Genomics for Medicinal and Biotechnological Applications
- ✓ Circadian Clocks from Models to Crops
- ✓ Companion Animal Genomics
- ✓ Data Science and Network Biology
- ✓ Decision Support & Analytical Tools
- ✓ DivSeek: Conserving and Utilizing Crop Biodiversity for Regional Development
- ✓ DNA Zoo
- ✓ Exploring the Physiological Roles of Circular RNAs in Animals
- ✓ Functional Genomics and Diversity of PUFAs-Producing Microalgae and Fungi
- ✓ Horticultural Crop Genomics
- ✓ International Weed Genomics Consortium: Structural, Functional, and Population Genomics of Weedy and Invasive Plants
- ✓ Legume Genetics and Genomics
- ✓ Legume-rhizobium Symbiosis
- ✓ Molecular Breeding for Crop Improvement
- ✓ Molecular Genetics of Cereal Inflorescence Development
- ✓ Multi-Avian-Omics: Solutions for Poultry Challenges?
- ✓ Plant Non-Coding RNAs
- ✓ Precise Genomics and Gene Editing for Food Security and Environmental Sustainability
- ✓ Proteogenomics
- ✓ Sugar Crops
- ✓ Student Workshop
- ✓ Understanding Plant and Animal Communities Using Environmental DNA Metagenomics
- ✓ Understanding the Interaction Between Genomics and Enviromics
- ✓ Unlocking The Potential Of Brahman Genomic Research For Sustainable Beef Cattle Production
- ✓ Wheat Genetics and Genomics

*List is subject to change.

www.intlpagaaustralia.org

Conference Location

The Westin Perth
480 Hay Street
Perth, 6000, Australia



Please visit our website at
www.intlpagaaustralia.org
for discounted rates.



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Full Conference/Non-Profit*

Attendees at university, government, and non-profit organizations.

\$ 750

Full Conference/Industry*

Industry professionals at commercial organizations.

\$1,250

Full Conference/Student*

Pre-Ph.D students. Requires upload of school certification documents.

\$ 450

*Early registration pricing / rates increase July 15, 2023

Call for Poster Abstracts

All registered PAG Australia attendees are invited to submit a poster abstract.

Student Competition

Student attendees are invited to submit a poster abstract, and 5 will be chosen.

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- WeChat Group: PAG Australia 2023