

ABNA 2022 Biobanking: Blue Sky Horizons Programme

WEDNESDAY 19 th October	
ABNA Executive/COC Meeting	
11:00 onwards	Conference Registration
	Poster Hanging
Opening and Keynote address Room: Preston Session Chair: Cassandra Griffin	
12:00 – 12:30	Conference Opening - Welcome to Country: Olman Walley - Welcome from ABNA President
12:30 – 1:15	Keynote Speaker 1 – Professor Dominic Mallon How biobanks have transformed my understanding of disease; left us better prepared to understand the Western Australian covid-19 pandemic; and a proposed framework of how clinical researchers may engage future biobank services in Western Australia
1:15 – 2:00	Debate 1 – Industry collaborators: From Foe to Friend Affirmative: Dr Jugnu Jain Negative: Professor Georgina Hold
2:00 – 2:30	Afternoon tea
Workshop Session 1 Room: Preston Facilitator: Samantha Higgins	
2:30 – 4:00	Workshop 1 – Accreditation Seminar 4 Climbing the Accreditation Spiral Staircase
SESSION 1 Aquamarine Horizon: Aquatic biobanking Room: Preston Session Chair: Georget Reaiche-Miller	
4:00 – 4:30	Professor Simon Jarman Biobanking in Environmental Genomics
4:30 – 5:00	Dr Greta Frankham (live virtual presentation) ShellBank: Development of a DNA Database and forensic toolkit to trace the illegal Tortoiseshell Trade
5:00 – 5:15	Gold Sponsor presentation: Lisa Simmons Bio-Strategy/Hamilton Storage Fast freezing and temporary storage
SPONSOR COCKTAIL MIXER & POSTER ELEVATOR PITCH	
<ol style="list-style-type: none"> 1. Amanda Rush – Costs and publication outputs of an academic cancer biobank cohort 2. Kim Powell – A population-wide, representative pregnancy and childhood biobank in Victoria, Australia 	

3. **Dan Catchpole** – A Demonstration of Immersive Analytics of Biospecimen Derived Data: Introducing Virtual Reality for the Observation of Oncology Models (VROOM)
4. **Jennie Hui** – Using archived serum samples to understand historical human exposure trends of Per- and poly-fluoroalkyl substances (PFASs)

THURSDAY 20th October	
08:00 onwards	Conference Registration
9:00 SESSION 2 Concurrent workshop 2 and 3 Workshop 2 (Burney) Workshop 3 (Culver)	
9:00 – 10:00	Workshop 2 – Cornell Veterinary Bank How to dress your biobank for success!
9:00 – 10:00	Workshop 3 – University of Adelaide, DivSeek, Victorian Cancer Bank Data management and Governance
10:00-10:30	Morning Tea/Corporate Sponsor Exhibits/Poster Viewing
10:30 – 12:00 SESSION 3 Cobalt Horizon: Donors and Beneficiaries Session Chair: Cassandra Griffin	
10:30 – 11:00	Professor Lyn Griffiths Developing a DNA Biobank to aid in identifying recovered historical military remains
11:00 – 11:30	Dr Raylene Endersby and Dr Jessica Buck The Telethon Kids Cancer Centre biobank
11:30 – 12:00	Panel Discussion with invited consumer representative Ms Margaret Wood
12:00 – 12:45	Lunch and Poster Judging
12:45– 3:00 SESSION 4 Midnight Horizon: Challenging Ideas Session Chair: Catherine Kennedy	
12:45 – 1:30	Debate 2: Consent – one model fits all? Affirmative: Dr Craig Willers Negative: Dr Amanda Rush
1:30 – 2:00	Dr Claire Madden Tissue Sample Collection in Veterinary Conservation Medicine
2:00 – 2:30	Dr Gail Alvares The Australian Autism Biobank – a national initiative to accelerate autism discovery science
2:30 – 3:00	Rapid Fire Presentations Albert Chetcuti – An online biobank catalogue: A valuable tool for Researchers looking for Biospecimens of Interest. Georget Reaiche-Miller – A centralised facility designed to futureproof research, but how secure and disaster ready is it? Carmel Quinn – From the Health Science Alliance (HSA) Biobank to the Health Precincts Biobank: lessons learnt and future directions
3:00-3:25	Afternoon Tea

3:25 – 5:30 SESSION 5 Sapphire Horizon: Precious Resources Session Chair: Anusha Hettiaratchi	
3:25 – 3:55	Dr Ronny Baber From population-based towards healthcare integrated biobanking - the journey of the Leipzig Medical Biobank
3:55 – 4:25	Ms Julie Hibbert Tiny Babies: Challenges and Opportunities for Biospecimen Collection from Very Pre-term Infants
4:25 – 4:40	Platinum Sponsor – Wilfredo Marin Thermofisher. Building up your Biobank: Modern approach to protecting sample value
4:40 – 5:10	Rapid fire presentations Alice Rykers – Finding Our Place Leanne Wallace – Enabling System Genomics Strategies in Biobanking - “getting our sample’s worth” Yeukai Mangwiro – Precious Resources in Biobanking: Breast Milk and Stool Collection for the Largest Birth Cohort in Australia
5:10 – 5:30	ABNA AGM
CONFERENCE DINNER 18:30 onwards	

FRIDAY 21 th October	
08:00 onwards	Conference Registration
9:00 – 10:10 SESSION 6 Peacock Horizon: Veterinary Biobanking Session Chair: Louise Ludlow	
09:00 – 9:30	Dr Lara Moutham Purpose, Partnership and Possibilities - The Dog Aging Project Biobank
09:30 – 10:00	Dr Lachlan Howell Arguments for the development of assisted reproductive technologies and biobanking in the iconic and imperilled koala
10:00 – 10:10	Sponsor Presentation – Srikanth Adiga (CEO OpenSpecimen) OpenSpecimen Biobanking LIMS - Worldwide implementation experience
10:10-10:30	Morning Tea
10:30 – 12:15 SESSION 7 Cornflower Horizon: Agricultural and Biodiversity Session Chair: Catherine Kennedy	
10:30 – 11:00	Dr David Merritt Seed banking for the conservation of plant biodiversity
11:00 – 11:30	Dr Alan Humphries Conservation of Pasture Seeds at the Australian Pastures Genebank
11:30 – 12:00	Dr Jonathan Daly (live virtual) Securing coral reef biodiversity with cryopreservation and biobanking
12:00 – 12:30	Ms Samantha Higgins Introduction to ISBER Tools and Resources
12:30 – 1:00	Speed date with speakers (sign up required)
1:00 – 1:30	Lunch/Corporate Sponsor Exhibits/Poster Viewing
1:30 – 3:15 SESSION 8 Aegean Horizon: Biobanking and Innovation Session Chair: Jennie Hui	
1:30 – 2:00	Professor Lyle Palmer The Biospecimen and Data Linkage Resource (BIOLINKeR)
2:00 – 2:30	Professor Paul Kennedy Cross-disciplinary approaches to analysing biomedical data
2:30 – 2:50	Rapid Fire Presentations Daniel Catchpoole – From Storage to Service: Recognising When Big Change Is Required Anjali Henders – Pivoting in a Pandemic – New Methods of Engagement
2:50 – 3:00	Dr Anusha Hettiaratchi Mapping A Sunburnt Country: An Australasian National Biospecimen Locator
3:00 – 3:30	Afternoon Tea
3:30 – 4:30pm SESSION 9 Cyan Horizon: Looking inward – Biospecimen Research Network Session Chair: Nina D’Vaz	

3:30 – 3:40	Cassandra Griffin – Understanding the Perceived Value of Post-Mortem Brain Donation for Research
3:40 – 3:50	Emma Daziell – Predicting Seed Lifespan for the Improved Curation of Conservation Seed Banks
3:50 – 4:00	Louise Ludlow – Using Video Media as an Information and Consent Tool
4:00 – 4:10	Bryn Funnekotter – Biobanking Threatened Plant Species: Understanding the Stresses of Cryopreservation for Long-Term Conservation.
4:10 – 4:25	Presentations and Prizes
4:25 – 4:30	Meeting Close