

Poster Number	Poster Title	Author	Theme
1	Prospective Relationship between Polycystic Ovary Syndrome Plus Nonalcoholic Fatty Liver Disease in Adolescents, and Insulin Resistance and Atherogenic Dyslipidaemia 10 Years Later in the Raine Study	A/Prof Oyekoya Ayonrinde	Lightning Round - Womens Health
2	An Indigenous-governed, Co-designed Approach to Improving Cultural Safety in Mental Health Services	Prof Helen Milroy, Dr Shraddha Kashyap, Dr Jemma Collova	Lightning Round - Mental Health
3	Automated Abdominal Aortic Calcification Scoring and Long-term Falls And Fracture Risk: The Perth Longitudinal Study of Ageing Women	Mr Abadi Kahsu Gebre	Lightning Round - Burden of Disease / Comorbidity
4	Prevalence of Urinary and Bowel Incontinence among Individuals with Myositis: A Consumer-driven Cross-sectional Study	Ms Genevieve Glenister, Mrs Kerry Maclaurin	Lightning Round - Consumer and Community Involvement
5	Aggression and Violence De-escalation Training Using Virtual Reality Technology for Front Line Emergency Department Healthcare Professionals and Students In Western Australia	Mr Joshua Johnson	Lightning Round - Statewide Initiatives
6	Plasmalogen Supplementation Stimulates Myelin Regeneration and Restores Neuromotor Function in a Mouse Model of Multiple Sclerosis	Dr Virginie Lam	Lightning Round - Burden of Disease / Comorbidity
7	The Burden of Disease Trend in Western Australia 2011-2018	Ms Wendy Sun	Lightning Round - Burden of Disease / Comorbidity
8	Partnerships on the 'Missing Piece' Journey to Prevent Acute Rheumatic Fever in the Kimberley	Miss Bernadette Wong, Dr Janessa Pickering	Lightning Round - Aboriginal Health
9	Higher Premorbid Serum Testosterone Predicts Covid-19-related Mortality Risk in Men	Prof Bu Yeap	Lightning Round - COVID
A3	Moort Vax Waangkiny: Understanding Barriers to Vaccination among Aboriginal Children in Perth.	Miss Paige Wood-Kenney	Aboriginal Health
B1	Developing an Amniotic Tissue Dissociation Protocol	Ms Minda Amin	Burden of Disease / Comorbidity
B2	Developing a Food Atlas to Map, Measure and Monitor Food Access across WA	Dr Alexia Bivoltsis	Burden of Disease / Comorbidity
B3	Architectural Conformation of a Gelatine-based Ultrasound Phantom for Preclinical Evaluations of Peripheral Vein Imaging	Miss Cara Boyce	Burden of Disease / Comorbidity
B4	Dysregulation of Mtorc2 Pathway during Cone Degeneration in Inherited Retinal Diseases	Dr Livia Carvalho	Burden of Disease / Comorbidity
B5	Virtual Twins: Empowering the Patient and Enabling Optimal Health Outcomes	Dr Rima Caccetta	Burden of Disease / Comorbidity
B6	Exploring Options to Improve Access and Personalization of Ci Aftercare Services.	Ms Emma Chaffey	Burden of Disease / Comorbidity
B7	Gradient Hydrogel Platforms to Study 2d and 3d Cell Mechanosensation	Dr Yu Suk Choi	Burden of Disease / Comorbidity
B8	Partnering with Primary Care for Outcomes Research In WA: Exploring the Enablers and Barriers	Ms Sue Critchley	Burden of Disease / Comorbidity
B9	The Origins Project: Ensuring the Next Generation have a 'Healthy Start to Life'	Ms Jacqueline Davis	Burden of Disease / Comorbidity
B10	Artificial Intelligence in Medical Imaging – Industry Collaboration Enabling Advanced Analysis of Disease Burden in Patients with Metastatic Prostate Cancer to Improve Individualized Treatment	Dr Mikaela Dell'Oro	Burden of Disease / Comorbidity
B11	One of Australia's Largest Biobanks Origins - A Platform for Research Discovery	Dr Nina D'Vaz	Burden of Disease / Comorbidity
B12	Prenatal Environmental Exposures Alter Lung Function Trajectories and Asthma Risk in Children	Dr Rachel Foong	Burden of Disease / Comorbidity
B13	α -synuclein Protein Expression in Intestinal Epithelial (iec-6) and Enteroendocrine (stc-1) Cells and Inhibition of Cell Internalisation of Pre-formed Fibrils by the Poly-arginine Peptide R18d	Ms Anastazja Gorecki	Burden of Disease / Comorbidity
B14	α -synuclein is Present in Epithelial Cells of the Gut	Ms Anastazja Gorecki	Burden of Disease / Comorbidity
B15	Computational Modelling of Blood Flow in Peripheral Vein Variations	Miss Georgia Gould	Burden of Disease / Comorbidity
B16	Blood Eosinophilia (a Biomarker in Airway Disease), Lung Function and Symptoms in Busselton Baby Boomers	A/Prof Jennie Hui	Burden of Disease / Comorbidity

B17	It's Not All Asthma or "copd": The Prevalence of Undifferentiated Cough and Breathlessness in the General Population – The Busselton Health Study	A/Prof Jennie Hui	Burden of Disease / Comorbidity
B18	Artificial Intelligence-enabled Automated Lung Ct Annotation	Dr Thomas Iosifidis	Burden of Disease / Comorbidity
B19	Tissue Engineering Approaches to Incorporate Human Blood Vessel Formation in Skin Constructs to Treat Skin Loss	A/Prof Pritinder Kaur	Burden of Disease / Comorbidity
B20	Providing an Unparalleled Immunological Assessment of Transgender Adolescents Undergoing Gender-affirming Hormone Therapy	Dr Jonatan Leffler	Burden of Disease / Comorbidity
B21	Accuracy Analysis of a Novel Ultrasound Device for the Detection of Veins in Phantoms	Mr Michael Liddelow	Burden of Disease / Comorbidity
B22	Cardiometabolic Disease Risk Markers are Increased following Burn Injury in Children	Dr Samantha Lodge	Burden of Disease / Comorbidity
B24	House Dust Mite Exposure through Human Milk and Dust: What Matters for Child Allergy Risk?	Dr Patricia Macchiaverni	Burden of Disease / Comorbidity
B25	Development and Trial of Sideeffect Gameplan: An Applied Game Focussing on Harm Minimisation for Alcohol and Other Drug Education for Year 9 and 10 Australian High School Students	Dr Brennen Mills	Burden of Disease / Comorbidity
B26	The Origins Project: How does our Infant Feeding Profile Compare to National Rates?	Dr Poonam Pannu	Burden of Disease / Comorbidity
B27	Patterns of Exposure to Adverse Childhood Experiences and their Associations with Depressive Symptoms and Alcohol Use among South Africans with a Chronic Disease	Professor Bronwyn Myers and Doctor Lexy Staniland	Burden of Disease / Comorbidity
B28	Western Australian Paediatric Bronchiectasis Cohort: Improving Health Outcomes for Children with Bronchiectasis Lung Disease	Ms Julia Casella	Burden of Disease / Comorbidity
B29	Postoperative Opioid Prescription Patterns and Usage across Western Australia	Dr Elizabeth Crostella	Burden of Disease / Comorbidity
B30	Quick and Self-administrable Capillary Blood Sampling Compares with Phlebotomist's Venous Collections for Nmr-based Lipoprotein Molecular Phenotyping	Mr Jayden Lee Roberts	Burden of Disease / Comorbidity
B31	Metabolic Consequences of Acute Non-severe Burn Injury in Adults is Associated with Increased Plasma Markers of Inflammation and Cardiovascular Disease Risk.	Ms Monique Ryan	Burden of Disease / Comorbidity
B32	Use of Patient-specific 3d Printed Models in Cardiovascular Disease	Prof Zhonghua Sun	Burden of Disease / Comorbidity
B33	AI-assisted Automated Detection of Osteoporotic Vertebral Fractures on Lateral Chest Radiographs in Post-menopausal Women	Prof Zhonghua Sun	Burden of Disease / Comorbidity
B34	Clinical Applications of Personalised 3d-printed Tumour Models	Prof Zhonghua Sun	Burden of Disease / Comorbidity
B35	Uncovering the Link between Low Physical Activity and Poor Bone Health: A Synthesis of Research Findings	Ms Jocelyn Tan	Burden of Disease / Comorbidity
B36	Chronic Kidney Disease across Western Australia – The Hidden Burden of Disease	Dr Aron Chakera	Burden of Disease / Comorbidity
B37	Area of Airway-associated Adipose Tissue is Positively Correlated with Nerve and Immune Cell Density	Dr Kimberley Wang	Burden of Disease / Comorbidity
B38	The Use of Objective Articulatory Kinematic Measures to Support Clinical Decision Making in the Diagnosis of Motor Speech Disorders: A Pilot Study.	Dr Roslyn Ward	Burden of Disease / Comorbidity
B39	Using a Cell Culture Model to Elucidate Immunity in Transgender Young People	Ms Alice White	Burden of Disease / Comorbidity
B40	Plasma Lipoprotein Subclass Variation in Middle-aged and Older Adults: Sex-stratified Distributions and Associations with Health Status and Cardiometabolic Risk Factors	Prof Bu Yeap	Burden of Disease / Comorbidity
C1	Health Experiences of the Multiple Sclerosis Community during the Second Year of the Covid-19 Pandemic, Plans for Future Crises	Dr Yvonne Learmonth	Consumer and Community Involvement
C2	A Co-designed Online Nutrition Education Program is Feasible and Acceptable to People with Multiple Sclerosis	Dr Rebecca Russell	Consumer and Community Involvement
D1	Establishing Demand-driven Research Partnerships with the Resource Industry throughout the Covid-19 Pandemic and Beyond	Dr Jacquita Affandi	COVID
D2	The Early Digital Intervention for Covid Therapy (edict) Program	Dr Wayne Aston	COVID
D3	Antiviral Lead Discovery from Western Australia Bioresources	Miss Soraya Haynes	COVID
D4	Families from the Origins Project: Community Wellbeing and Experiences During A Pandemic	Dr Lisa Gibson	COVID
D5	Telehealth Use during the Covid-19 Pandemic, Analysis from the Australian Multiple Sclerosis Longitudinal Survey	Dr Yvonne Learmonth	COVID
D6	A Novel Precision-serology Assay for Covid-19 Based on Linear B-cell Epitopes of Sars-cov-2 Spike Protein	A/Prof Samuel Lundin	COVID
D7	Germ:rts - General Emergency Resource Management: Response Training Simulator - Gamified Education Enhancing Pandemic Preparedness	Dr Brennen Mills	COVID
D8	Establishing a Facility to Test Current and Innovative Personal Protective Equipment	Dr David Morrison	COVID

D9	Establishing the WA Covid-19 Immunity Collaborative (wacic) Biobank - A Successful Collaboration between Health Service Providers, Universities and the Community to Enable High-value Sars-cov-2 Immunity Research and Innovation	Dr Michael O'Sullivan	COVID
D10	Following the 'Health Advice': What Do The Courts Think?	A/Prof Marco Rizzi	COVID
E2	Quality of Life of Paediatric Burn Patients with Non-severe Burns in Western Australia	Miss Amira Allahham	Mental Health
E3	The Effect of Burn Injuries on the Brain and Behaviour	Miss Amira Allahham	Mental Health
E4	Towards the Characterization of the Epigenomic and Transcriptomic Regulatory Mechanism Governing Memory Processes	Dr Olivier Clement	Mental Health
E5	Understanding Self-injury: A Person-centred Approach	Prof Penelope Hasking	Mental Health
E6	Comparative Literature Review	Mrs Diane Heart	Mental Health
E7	Perth Children's Hospital Prevalence of Deliberate Self-harm Injuries across Socio-economic Strata 2019 – 2022	Mr Dmitry Skarin	Mental Health
E8	A Constant Battle: Impacts of Waiting for Mental Health Services on Adolescents, Parents, And Providers	Dr Lexy Staniland	Mental Health
F1	Introducing the WA Cohorts Data Portal: Harmoni	Prof Romola Bucks	Statewide Initiatives
F2	The Raine Study: The Next Generation!	Prof Romola Bucks	Statewide Initiatives
F4	CTEP-WA: The Evolution of a Clinical Trials Platform for Promoting Collaborative Research in Western Australia	Ms Julia Fallon-Ferguson	Statewide Initiatives
F5	HESANDA: An Update from the WA Node	Ms Julia Fallon-Ferguson	Statewide Initiatives
F6	ANZACT - A Facilitating Clinical Trial Network	Ms Julia Fallon-Ferguson	Statewide Initiatives
F7	Using Superhero Viruses to Treat Antimicrobial Resistance	A/Prof Anthony Kicic	Statewide Initiatives
F8	3D Virtual Lab and Simulated Patient: To Motivate and Enhance Students Learning In Pharmacology	A/Prof Lisa BG Tee	Statewide Initiatives
F9	Gathering Insights for Improving Efficiencies and Processes to Provide a More Seamless View of the WA Country Health System	Mr Richard Varhol	Statewide Initiatives
G1	Mass Spectrometry Imaging of Human Endometriosis Tissue Samples for the Identification Of Aberrant Protein and Glycan Expression	Mr Jayden Heath	Womens Health
G2	Endometriosis: Improving Diagnosis and Treatment – Metabolomic and Lipidomic Examination of Biofluids and Tissues	Miss Hurun Ain Binte Ja'afar	Womens Health
G3	Maternal Prebiotic Supplementation Modifies Human Milk Immunological Composition Linked to Allergy	Dr Patricia Macchiaverni	Womens Health
G4	Preventing Postpartum Malaria: A Study of Artemisinin Combination Therapy at Time of Delivery to Improve Maternal and Infant Outcomes	Dr Brioni Moore	Womens Health
G5	Sexual Function in Women from Migrant and Refugee Backgrounds	Miss Negin Negin	Womens Health
G6	Preconception Risk Factors and Interventions to Prevent Adverse Maternal, Perinatal, and Child Health Outcomes	Dr Zahra Ali Padhani	Womens Health
G7	What Speaks to the Heart of Women with Cardiovascular Diseases in Cardiac Rehabilitation?	Dr Joyce Ramos	Womens Health
G8	Unveiling the Plasma and Tissue Lipid Profiles of a Murine Model of Endometriosis	Miss Disha Shah	Womens Health
G9	Exploring the Effects of the Long Noncoding Rna Mir205hg on Pi3k Inhibitor Resistance in Breast Cancer	Miss Natali Vasilevski	Womens Health