

8th Biennial Conference

WHY STUDY MAMMOGRAPHIC DENSITY?



29-30 October 2024 | Melbourne | In-person and online

Conference Program

[Condensed program – Wednesday, October 30th, 2024](#)

8:30am: Meeting Open (Registration available)

Session 1

Chair: Wendy Ingman

8:45am: Acknowledgement of Country

8:50am: Opening remarks –Organizing Committee

9:00am: Sandy Minck and Krysty Sullivan, Consumer Representatives: *The vital role of consumer and community engagement to shape the translation of research findings into clinical practice*

9:10am: Vivienne Milch, BreastScreen Australia: *Reporting breast density in the BreastScreen Australia program – developing an evidence-based Position Statement*

9:20am: Lusine Yaghjian, University of Florida (online): *Associations of stem cell markers CD44, CD24 and ALDH1A1 with mammographic breast density in women with benign breast biopsies*

9:40am: Jennifer Brooks, University of Toronto (online): *Implementation of risk stratified screening: Finding a way forward*

10:00am: Andre Khalil and Joshua Hamilton, University of Maine (online): *Novel textural analysis of mammographic tissue subtypes provides superior cancer vs. benign discrimination*

10:15am: Mahfuz Syed Al Hasan, Washington University School of Medicine (online): *Multivitamin Supplement Use and Mammographic Breast Density*

10:30 -10:45am: Morning Tea

Session 2

Chair: Rik Thompson

10:45am: John Shepherd, University of Hawaii: *Artificial Intelligence for Breast Cancer Risk Assessment*

11:05am: Ali Farajpour, University of Adelaide: *A nonlocal biomechanical model of elastography to improve breast cancer detection in women with high mammographic density*

11:20am: Hanieh Heydarlou, University of Adelaide: *The role of toll-like receptor signalling in mammographic density*

11:35am: Avisak Bhattacharjee, University of Adelaide: *The impact of breast density notification on anxiety in South Australian women undergoing breast cancer screening*

11:50am: Chang Chen, Peking Union Medical College Hospital: *Breast cancer screening in China*

12:00pm: Lunch

Session 3

Chair: John Shepherd

1:00pm: Andy Redfern, University of Western Australia: *The Fall and Rise of Mammographic Density: Guidance to Optimal Endocrine Breast Cancer Management*

1:20pm: Anita Pereira, University of Chile: *Consumption of Ultra-Processed Foods and Breast Density in Adolescence*

1:35pm: Joohon Sung, Seoul National University: *AI-Powered Identification of High-Risk Breast Cancer Subgroups Using Mammography: A Multicenter Study Integrating Automated Brightest Density Measures with Deep Learning Metrics*

1:55pm: Kaier (Kyle) Wang, Volpara Health: *Influence of image processing on candidate mammography masking risk predictors*

2:10pm: Jennifer Stone, University of Western Australia: *Dense breast notification following screening mammography: a Western Australian primary care perspective*

2:30pm: Anna Withanage Dona, University of Melbourne: *BRISK: simplifying breast cancer risk assessment in primary care*

2:50pm: Anita Pereira, University of Chile: *Is a higher metabolic syndrome score associated with breast density after puberty onset?*

3:05pm: Mary Beth Terry, Columbia University: *Breast tissue characteristics and windows of susceptibility*

3:30pm: Meeting close