



# ABREAST

Australian Breastfeeding + Lactation  
Research and Science Translation

## #ABREAST CONFERENCE, 10 NOVEMBER 2023

8:30-9:00

REGISTRATION, REFRESHMENTS: Auditorium entrance, The University Club

9:00-9:30

### WELCOME

**Professor Donna Geddes** (*The University of Western Australia*)

9:30-10:30

Determinants and potential benefits of Human Milk Oligosaccharides  
**Professor Lars Bode** (*The University of California, Human Milk Institute*)

10:30-11:00

MORNING TEA

## MILK PRODUCTION

11:00-11:20

Understanding the lactating breast from a single cell perspective (virtual)  
**Dr Alecia-Jane Twigger** (*Virtual, The University of Cambridge*)

11:20-11:40

Can arginine help to improve milk supply in humans? It does in cows  
**Dr Luoyang Ding** (*The University of Western Australia*)

11:40-12:00

Maternal factors and breast anatomy and milk production during established lactation  
**Dr Zoya Gridneva** (*The University of Western Australia*)

12:00-12:20

Risk factors for low milk production  
**Prof Donna Geddes** (*The University of Western Australia*)

12:20-12:40

Screening for lactation risk factors in pregnancy  
**Dr Stuart Prosser** (*Western Obstetrics*)

12:40-13:40

LUNCH: Includes POSTER SESSIONS

## MASTITIS

13:40-14:00

Immediate point-of-care testing of breastmilk sodium and potassium concentrations in women with mastitis (virtual)  
**Emma Heron** (*Physiotherapist, Melbourne. PhD candidate, Curtin University*)

14:00-14:20

Are low lactose concentrations a risk factor for *S. aureus*-associated mastitis?  
**Grace McLoughlin** (*PhD candidate, The University of Western Australia*)

14:20-14:40

Microbial underpinnings of mastitis: current state of the evidence  
**Dr Lisa Stinson** (*The University of Western Australia*)

## COMPOSITION

14:40-15:00

Biomarkers of low milk supply  
**Dr Ching-Tat Lai** (*The University of Western Australia*)

15:00-15:20

Fattening our understanding of early life nutrition and health  
**Dr Alexandra George** (*The Baker Institute, Melbourne*)

15:20-15:50

**AFTERNOON TEA**

## OUTCOMES

15:50-16:10

Colostrum, the missing link for healthy development  
**Professor Valerie Verhasselt** (*The University of Western Australia, Telethon Kids Institute*)

16:10-16:30

Latest updates on human milk and allergy prevention  
**Associate Professor Debbie Palmer** (*Telethon Kids Institute*)

16:30-16:50

What women want: supporting breastfeeding after Caesarean birth  
**Dr Sharon Perrella** (*The University of Western Australia*)

16:50-17:00

**STUDENT PRIZES & ADJOURNMENT**

**SUN DOWNER:** University Club Café, reserved outdoor area, pay as you go



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