

1st Annual Upper Midwest Summit for Reproductive Science Reproductive Technologies—From “Conception” to the Future

Simpson Querrey Biomedical Research Center
Northwestern University, Chicago, Illinois



Monday, October 30, 2023

02:00pm Registration and Poster Set Up

02:30pm *Welcome –*
Francesca Duncan, PhD, CRS Co-Director and Associate Professor, Northwestern

02:45pm *Shaw Family Pioneer Award Talk— “Sex-Based Differences in Immune-Mediated Kidney Injury”*
Jennie Lin, MD, Assistant Professor, Northwestern

03:15pm *Shaw Family Pioneer Award Talk— “Sex differences in visual modulation of mood and nicotine abuse”*
Heather Mahoney, PhD, Postdoctoral Fellow, Northwestern

03:45pm *Afternoon Break*

04:00pm *Keynote Speaker – “The Aging Ovary and Ovarian Cancer Risk”*
Barbara VanderHyden, PhD, Professor, University of Ottawa

05:00pm *Special Session and Book Signing – “Evolutionary Insights Into the Mysteries of Female Reproductive Biology”*
Deena Emera, PhD, Senior Scientist, The Buck Institute

05:30pm Poster Session and Networking Reception

Tuesday, October 31, 2023

07:30am Breakfast and Registration

07:50am *Welcome –*
Caroline Kratka and Mariam Charles, Trainee Co-Chairs, Northwestern

08:00am Session 1 – Gamete Quality and Assisted Reproduction

08:00am *Session Speaker – “Deciphering chromosome segregation mechanisms in female meiosis”*
Binyam Mogessie, PhD, Assistant Professor, Yale University

08:45am Select Trainee Oral Presentations (3 talks, 15 minutes each)

- Trainee Talk 1
- Trainee Talk 2
- Trainee Talk 3

09:30am Poster Session 1 of 2 (Groups A Presents)

10:30am Session 2 – Reproductive Tract Development and Disease

10:30am *Session Speaker – “Insights from imaging the implanting embryo and the uterine environment in three dimensions”*
Ripla Arora, PhD, Assistant Professor, Michigan State University

11:15am Select Trainee Oral Presentations (3 talks, 15 minutes each)

- Trainee Talk 1
- Trainee Talk 2
- Trainee Talk 3

12:00pm	<i>Workshop: Meet the Expert Luncheon</i>
01:00pm	Poster Session 2 of 2 (Group B Presents)
02:00pm	Session 3 – Innovations in Reproductive Science
02:00pm	<i>Session Speaker – “A small follicle tells a big story”</i> Shuo Xiao, PhD, Assistant Professor, Rutgers University
02:45pm	Select Trainee Oral Presentations (3 talks, 15 minutes each) <ul style="list-style-type: none"> • Trainee Talk 1 • Trainee Talk 2 • Trainee Talk 3
03:30pm	<i>Afternoon Break</i>
03:45pm	<i>Closing Keynote Speaker – “On Demand Male Contraception Via Acute Inhibition of Soluble Adenylyl Cyclase”</i> Lonny Levin, PhD, Professor, Weill Cornell Medical College
04:30pm	Panel: Innovations and Applications of Reproductive Science <ul style="list-style-type: none"> • Petrina Kanya, PhD, Global Business Development Director, Insilico Medicine • Marcos Meseguer, PhD, Senior Scientist, IVIRMA Innovation • Speaker TBD
05:15pm	Awards and Final Thoughts
05:30pm	<i>Adjourn</i>