

July 9-12, 2020

53RD ANNUAL MEETING

Reproductive Biology: Solutions for Adult Disease

Shaw Centre | Ottawa, Ontario, Canada

Ovarian Workshop: Developmental Origins of Ovarian Diseases

Organizers: Aileen Keating, Kutluk Oktay, Aleksandar Rajkovic







The purpose of the workshop is to bring together experts in the area of ovarian biology and engage SSR attendees in various topics that will range from germline development to clinical translational research in ovarian dysfunction.

PROGRAM AGENDA

WEDNESDAY, JULY 8, 2020

Session I: Ovarian Genesis and its Consequences

Moderators: Aileen Keating, Kutluk Oktay, Aleksandar Rajkovic







1:00 – 1:15	Introduction of Session I	
1:15 – 2:00		Amander Clark Regenerating the Human Germline from Skin Punch Biopsies
2:00 – 2:30		Kyle Orwig Gene Editing for Idiopathic Infertility
2:30 – 3:00		Greg Fitzharris (<i>University of Montreal</i>) The Importance of Getting it Right; How Chromosome Segregation Defects in Oocytes Cause Age-Related Infertility
3:00 – 3:30	Coffee Break	
3:30 – 4:00		Margareta Pisarska Genetics and Epigenetics of Polycystic Ovarian Syndrome
4:00-4:30		Raj Kumar Genetic Approaches to Study Gonadotropin Regulation of Ovarian Function
4:30 – 5:00		Jay Baltz Initiation of Independent Cell Volume Regulation in the Oocyte at Ovulation
5:00-6:00	Panel Discussion	



THURSDAY, JULY 9, 2020

Session II: Developing Ovary: Intrinsic and Extrinsic Determinants of Ovarian Health

Moderators: Aileen Keating, Kutluk Oktay, Aleksandar Rajkovic

8:00 – 8:15	Introduction of Session II	
8:15 – 9:00	 Lei Lei Roles of Germ Cell Connectivity in Ovarian Reserve Formation and Ovarian Aging	
9:00 – 9:30	 Dr. Deborah Sloboda (McMaster University) Early Life Adversity and Impacts on Ovarian Function	
9:30 – 10:00	 Barbara Vanderhyden The Aging Ovary and Ovarian Cancer Risk	
10:00 – 10:30	Coffee Break	
10:30 – 11:00	 Marisa Bartolomei Epigenetic Regulation in the Germline: Lessons from Mouse Mutants and Environmental Perturbations	
11:00 – 11:30	 Marco Conti The Maternal mRNA Translation Program and Oocyte Developmental Competence: A Genome-Wide Perspective	
11:30 – 12:00	 Susan Taymans NIH Priorities for Ovarian Research	
12:00-12:15	Closing Remarks	