

2nd Annual Celebration of Women's Health Research

Great **XX**pectations in Women's Health Research

Friday, September 14, 2018



- 7:00 AM **Breakfast**
- 7:30 AM **Individualized Medicine Round Tables – Breakfast with the Experts**
Pharmacogenomics
Jessica Wright, PharmD, RPh & Jo Giri, MBA, MD
Perinatal Genomics
Myra Wick, MD, PhD
Women's Health & Individualized Medicine
Virginia Miller, PhD, Shannon Laughlin-Tommaso, MD, MPH, & Stacey Winham, PhD
Genomics from the Patient Perspective
Teresa Kruisselbrink, MS, LCGC
- 8:00 AM **Welcome**
Virginia Miller, PhD
Keith Stewart, MD, ChB
- 8:10 AM **Keynote:** Genetics of Polycystic Ovarian Syndrome
Mark Goodarzi, MD, PhD
- 8:40 AM **Q&A** - Moderated by Drs. Shannon Laughlin-Tommaso and Stacey Winham
- 8:50 AM New approaches to overcome therapeutic resistance in breast cancer
Robert Mutter, MD
- 9:05 AM Sex Differences in Anterior Cruciate Ligament Injury
Nathan Schilaty, DC, PhD
- 9:20 AM Placental immune responses that resemble transplant rejection
Elizabeth Enninga, PhD
- 9:35 AM **Q&A** - Moderated by Drs. Shannon Laughlin-Tommaso and Stacey Winham
- 9:45 AM **Refreshment Break and Poster Viewing**
- 10:15 AM Sex Differences in Tolerability to Immunotherapy in Non-Small Cell Lung Cancer
Narjust Duma, MD
- 10:25 AM An integrative multi-omics diagnostic predictive model as a biomarker of endometriosis
Trupti Joshi, MBBS, ADB, MS, PhD
- 10:35 AM Neurodegeneration in women with oophorectomy before menopause
Burcu Zeydan, MD
- 10:45 AM **Keynote:** Fetal programming, sex matters
Kent Thornburg, PhD
- 11:15 AM **Q&A** - Moderated by Drs. Shannon Laughlin-Tommaso and Stacey Winham
- 11:30 AM **Ted Talk:** XXpect stronger immunity in women
Sabra Klein, PhD
- 11:45 AM **Panel**
Virginia Miller, PhD
Sabra Klein, PhD
Kent Thornburg, PhD
- 12:15 PM **Lunch and Poster Viewing**
- 1:00 PM **Adjourn**



Mark O. Goodarzi, MD, PhD is the Director of the Division of Endocrinology, Diabetes and Metabolism and Professor of Medicine at Cedars-Sinai Medical Center (CSMC) where he holds the Eris M. Field Chair in Diabetes Research. His research focuses on identification of genetic factors underlying conditions related to insulin resistance and the metabolic syndrome, using population-based approaches. Major focus areas include the role of the gut microbiome in insulin resistance and insulin secretion, elucidation of genetic determinants of insulin clearance, insulin resistance and atherosclerosis in Hispanics, genetics studies in the polycystic ovary syndrome, and pharmacogenetics of the glycemic response to statins. Another research effort is characterization of the pathophysiology

and genetics of pancreatogenic diabetes within the NIH-funded Consortium for the Study of Chronic Pancreatitis, Diabetes and Pancreatic Cancer. Dr. Goodarzi's contributions were recognized by the Endocrine Society's Richard E. Weitzman Memorial Award.



Sabra L. Klein, PhD is an Associate Professor at the Johns Hopkins Bloomberg School of Public Health. She is a leading expert on sex differences in immune responses and susceptibility to infection. During the 2009 influenza pandemic, she was commissioned by the WHO to evaluate and publish a report on the impact of sex, gender, and pregnancy on the outcome of influenza virus infection. She is currently President-elect for the Organization for the Study of Sex Differences, which is the only scientific society dedicated to uncovering how males and females differ in health and disease. Her research has been supported by grants from the National Institute of Allergy and Infectious Diseases, the National Science Foundation, and the National Foundation for

Infectious Diseases. In 2010, she won the Society for Women's Health Research Medtronic Award for Science Contributions, which recognized her scientific contributions as well as her commitment to mentoring other female scientists. In 2016, she received the Randolph-Macon College Distinguished Alumna Award.



Kent L. Thornburg, PhD, is the M. Lowell Edwards Chair of Cardiovascular Research and Professor of Medicine in the Knight Cardiovascular Institute at the Oregon Health & Science University (OHSU). He holds joint professorships in the Departments of Physiology & Pharmacology, Medical Informatics and Clinical Epidemiology and Obstetrics & Gynecology. He directs the Center for Developmental Health in the Knight Cardiovascular Institute, the OHSU Bob and Charlee Moore Institute for Nutrition & Wellness and co-directs the Epigenetics Consortium. Dr. Thornburg studies how women adapt to pregnancy and the roles of maternal diet and body composition in regulating fetal growth and lifelong health. He oversees clinical studies in rural Oregon and Alaska

and collaborates with scientists in 5 countries. Dr. Thornburg serves regularly on advisory panels at the NIH, the American Heart Association and the Children's Heart Foundation and serves on the scientific advisory board of the Preeclampsia Foundation. He recently served as co-chair for the strategic conference on the genetic and epigenetic underpinnings of child health in the NIH ECHO program. He is committed to community service across the state of Oregon and among Native Americans in Alaska.

CME (AMA PRA Category 1 Credits™) 4.0; ACPE (UAN: JA0000238-9999-18-004-L01-P) 4.0; Attendance CEU 4.0

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