AGENDA
(Schedule is subject to change)

Wednesday, September 26, 2018

3:30-6:00PM  Arrival / Conference Check-in  Grand Ballroom Foyer
5:00-6:00 PM  Meet the Professors  Grand Ballroom Foyer
6:00-7:00 PM  Cocktail Reception  Grand Ballroom Foyer
7:00-9:00 PM  Opening Dinner  Grand Ballroom

Judy Regensteiner, PhD
University of Colorado School of Medicine

T. Rajendra Kumar, PhD
University of Colorado School of Medicine

Gaps in Sex Differences Research
Poster Preview

Thursday, September 27, 2018

7:00 AM  Breakfast Opens  Aspen Room

8:00-10:00AM  Community Session  Aspen Room
Nanette Wenger, MD – Emory University
Understanding the Journey: The Past, Present, & Future of Cardiovascular Disease in Women

Nanette Santoro, MD
University of Colorado School of Medicine
Help! Menopause just Stole my Waistline

Jill Goldstein, PhD – Harvard Medical School
Brain and Heart Interface Across the Lifespan

Ginger Graham, MBA
Journey of Life (with Friends)
Q&A Panel

7:30-10:00AM  Scientific Session I  Grand Ballroom
(20-minute presentations followed by a 15-minute panel discussion)

TOPIC: Fetal Origins of Adult Disease

CHAIRS: Yoel Sadovsky, MD Magee Womens Research Institute, UPMC and Laura Brown, MD, University of Colorado School of Medicine

SPEAKERS:

Jacqueta Trasler, MD, PhD – McGill University
Epigenetic Patterning and Transgenerational Effects

Yoel Sadovsky, MD – Magee Womens Research Institute, UPMC
Placenta-maternal-fetal Communication and Pregnancy Health

Thomas Jansson MD, PhD
University of Colorado School of Medicine
Health Consequences of Being Born to an Obese Mother: Possible Mechanisms and Interventions

Paul Rozance, MD – University of Colorado School of Medicine
Early Programming of Fetal Pancreatic Function and Adaptation

Janet Catov, PhD – Magee Womens Research Institute, UPMC
Preterm Birth and Later-life Maternal Cardiovascular Disease

9:30-10:00AM  Five minute data blitz presentations
PRESENTERS: Sarah Borengasser, PhD, Stephanie Chassen, MD and Stephanie Wesolowski, PhD

10:00-10:30AM  Break

10:30AM-12:45PM  Scientific Session II  Grand Ballroom
(20-minute presentations followed by a 15-minute panel discussion)

TOPIC: What’s Bone Got to do with It?

CHAIR: Wendy Kohrt, PhD
University of Colorado School of Medicine

SPEAKERS:

Connie Weaver, PhD – Purdue University
Subgroup Differences in Mineral Metabolism and Bone Health

Wendy Kohrt, PhD
University of Colorado School of Medicine
Exercise & Bone Metabolism

Beata Lecka Czernik, PhD – University of Toledo
Skeletal Integration of Energy Homeostasis

Karyn Esser, PhD – University of Florida
Circadian Rhythms, Molecular Clocks and Muscle Homeostasis

12:15-12:45PM  Five minute data blitz presentations
PRESENTERS: Kathleen Gavin, PhD, Sarah Wherry, PhD and Viral Shah, MD

12:45-2:00PM  Lunch and Program  Grand Ballroom

SPEAKER:
Margaret Bevans, PhD, RN
NIH Office of Research on Women’s Health
Integrating Sex to Advance Science for the Health of Women: A Lens into the Future

2:00-3:00PM  Poster Session

3:00-3:15PM  Break
3:15-5:45PM **Scientific Session III**

(20-minute presentations followed by a 15-minute panel discussion)

**TOPIC: Risk Factors for Heart Disease – They are Riskier than You Think**

**CHAIR:** JoAnn Lindenfeld, MD – Vanderbilt University

**SPEAKERS:**

Esther Kim, MD – Vanderbilt University

Spontaneous Coronary Artery Dissection

David Kao, MD – University of Colorado School of Medicine

Complex Phenotyping in Patients with Heart Failure with Preserved Ejection Fraction: Understanding Etiology and Personalizing Management

JoAnn Lindenfeld, MD – Vanderbilt University

Shared Risk Factors for Heart Disease and Cancer

Puja Mehta, MD – Emory University

Role of Inflammation in Non-obstructive Ischemic Heart Disease in Women

Linda Peterson, MD – Washington University

Sex Differences in Heart Failure

5:15-5:45PM **Five minute data blitz presentations**

**PRESENTERS:** Jennifer Jarvie, MD, Jonathan Shaffer, MD and Sarah Perman, MD

6:00-7:00PM **Poster Session**

7:00-9:00PM **Dinner**

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**Friday, September 28, 2018**

7:00-7:30AM **Breakfast**

William Haskell, PhD – Stanford University

Using Wearable Devices for Measurement and Motivation of Health Promoting Physical Activity

7:30-9:45AM **Scientific Session IV**

(20-minute presentations followed by a 15-minute panel discussion)

**TOPIC: To Sleep Perchance to Dream: Effects of Sleep and Circadian Physiology on Cardiometabolic Health**

**CHAIR:** Josiane Broussard, PhD

Colorado State University

**SPEAKERS:**

Fred Turek, PhD – Northwestern University

Circadian Dysregulation and its Impact on Obesity, Diabetes and Cardiovascular Disease: Genetic and Environmental Factors

Kathryn Reid, PhD – Northwestern University

Sleep During Pregnancy

Monika Haack, PhD – Harvard University

Recovery Sleep: Reinstating Inflammatory Balance

Satchidananda Panda, PhD

Salk Institute for Biological Studies

Circadian Rhythm and Time Restricted Eating for the Prevention and Management of Chronic Diseases

9:15-9:45AM **Five minute data blitz presentations**

**PRESENTERS:** Josiane Broussard, PhD, Stacey Simon, PhD and Corey Rynders, PhD

9:45-10:15AM **Break**

10:15-11:30AM **Scientific Session V**

(20-minute presentations followed by a 15-minute panel discussion)

**TOPIC: Diabetes: Urgent & Understudied**

**CHAIR:** Jane Reusch, MD

University of Colorado School of Medicine

**SPEAKERS:**

Franck Mauvais-Jarvis, MD, PhD – Tulane University

Sex Differences in Glucose Homeostasis and Diabetes

Virginia Miller, PhD – Mayo Clinic

Metabolism and Coronary Calcification in Menopausal Women

Anne Peters, MD – Keck School of Medicine of USC

Community-Based Diabetes Care

11:30AM-12:00PM **Five minute data blitz presentations**

**PRESENTERS:** Petter Bjornstad, MD, Jacinda Nicklas, MD and Rebecca Scalzo, PhD

12:00-12:15PM **Boxed Lunch**

12:15-2:15PM **Scientific Session VI**

(20-minute presentations followed by a 15-minute panel discussion)

**TOPIC: Exercise & Cardiometabolism: Not a Walk in the Park!**

**CHAIR:** Judy Regensteiner, PhD

University of Colorado School of Medicine

**SPEAKERS:**

Laurie Goodyear, PhD

Joslin Diabetes Center, Harvard University

Novel Mechanisms Underlying the Benefits of Exercise on Health: Studies in Males & Females

Paul MacLean, PhD

University of Colorado School of Medicine

Exercise, Individual Variability, and Weight Loss Maintenance

Jane Reusch, MD – University of Colorado School of Medicine

Cardiometabolic Adaptation to Exercise: Effect of Sex Differences

Lisa Chow, MD – University of Minnesota

Health Behaviors on the Sex-specific Development of Diabetes: Results from the CARDIA Study

Amy Huebschmann, MD

University of Colorado School of Medicine

From Bench to Bedside: A Dissemination and Implementation Approach to Exercise