PRELIMINARY AGENDA

Sunday September 30:
4:00 pm – 8:30 pm  Registration
6:30 pm – 8:30 pm  Welcome and Opening Reception

Monday October 1:

Breakfast (on your own)
7:00 am – 6:00 pm  Registration
7:50 am  Welcome and Introduction from Conference Chairs
Jennifer Sullivan*, PhD (Associate Professor, Augusta University) and
Michael Ryan, PhD (Professor, University of Mississippi Medical Center)
8:00 am – 10:00 am  SESSION 1: “Sex and Gender Differences in Physiology and Function: The Brain and Nervous System”

Chairs: Gina Yosten*, PhD (Assistant Professor, Saint Louis University
School of Medicine) and
A trainee/early stage investigator selected from abstract submissions
8:00-8:30 am: Gina Yosten*, PhD “Sex differences in central control of blood pressure and diabetes”
8:30-8:40 am: Speaker identified from submitted abstracts
8:40-8:50 am: Speaker identified from submitted abstracts
8:50-9:10 am: A. Kim Johnson, PhD (F. Wendell Miller Distinguished
Professor, University of Iowa) “The role of sensitization and neuroplasticity in sex differences in blood pressure and hypertension”
9:10-9:20 am: Speaker identified from submitted abstracts
9:20-9:30 am: Speaker identified from submitted abstracts
9:30-9:50 am: Louise D. McCullough, MD, PhD* (Professor and Chair,
Department of Neurology, University of Texas Health Science Center) “Sex differences in ischemic stroke”

10:00 am – 11:00 am  COFFEE BREAK and POSTER SESSION 1
11:00 am – 1:00 pm  SESSION 2: “Physiology and Gender: Aging and Senescence”

Chairs: Christopher DeSouza, PhD (Professor and Co-Director of the Clinical
and Translational Research Center, University of Colorado) and Trainee/early stage investigator selected from abstract submissions

11:00-11:30 am: **Christopher DeSouza, PhD** “Impact of sex on the effects of aging on cardiovascular and metabolic risk factors”

11:30-11:40 am: Speaker identified from submitted abstracts
11:40-11:50 am: Speaker identified from submitted abstracts

11:50 am:12:10 pm: **Sandra Davidge*, PhD** (Professor University of Alberta and Director of the Women and Children’s Health Research Institute) “Maternal aging and cardiovascular dysfunction”

12:10-12:20 pm: Speaker identified from submitted abstracts
12:20-12:30 pm: Speaker identified from submitted abstracts

12:30-12:50 pm: **Wendy Kohrt*, PhD** (Professor; Director of Research for Geriatric Medicine; Director of the IMAGE research group (Investigations in Metabolism, Aging, Gender, and Exercise), University of Colorado) “Bioenergetic and Metabolic Consequences of the Loss of Ovarian Function in Women”

1:00 pm – 3:00 pm LUNCH (on your own)

3:00 pm – 5:00 pm SESSION 3: “Sex and Gender Differences in Physiology and Function: The Heart”

**Chairs:** Zdenka Pausova*, MD (Senior Scientist, Hospital for Sick Children Professor, Departments of Physiology and Nutritional Sciences, University of Toronto) and A trainee/early stage investigator selected from abstract submissions

3:00-3:30 pm: Zdenka Pausova*, MD “Sex and gender differences in cardiac function”

3:30-3:40 pm: Speaker identified from submitted abstracts
3:40-3:50 pm: Speaker identified from submitted abstracts

3:50-4:10 pm: **Leanne Groban*, MD** (Professor, Wake Forest School of Medicine) “Estrogen modulation of cardiac RAS metabolism in sex-specific hypertensive”

4:10-4:20 pm: Speaker identified from submitted abstracts
4:20-4:30 pm: Speaker identified from submitted abstracts

4:30-4:50 pm: **Martha Gulati*, MD, MS, FACC, FAHA** (Sarah Ross Soter Chair in Women’s Cardiovascular Health; Director for Preventive Cardiology and Women’s Cardiovascular Health, Ohio State University Wexner Medical Center) “Understanding the unique considerations for the treatment of heart disease in women vs. men”

5:00 pm – 6:00 pm Career Development and Trainee Network Session: “Get The Job You Want: Tips for Interviewing and Negotiating”

Moderator: APS TAC member

As of 12.5.17
Faculty Participants: All attending faculty that are Department Chairs and Center Directors will be invited and encouraged to participate. A brief overview will be given by a member of the APS TAC followed by an interactive session with stations focused on unique aspects of interview and negotiating skills.

**Tuesday October 2**

Breakfast (on your own)

7:00 am – 6:00 pm  Registration

8:00 am – 10:00 am  SESSION 4: “Physiology and Gender: Obesity and Metabolism”

**Chairs:** Franck Mauvais-Jarvis, MD PhD (Professor, Tulane University) and A trainee/early stage investigator selected from abstract submissions

8:00-8:30 am: Franck Mauvais-Jarvis, MD PhD “Sex and sex steroids regulate of metabolic dysfunction”

8:30-8:40 am: Speaker identified from submitted abstracts
8:40-8:50 am: Speaker identified from submitted abstracts

8:50-9:10 am: Jan Michael Williams, PhD (Associate Professor, University of Mississippi Medical Center) “Sex differences in kidney injury in a rat model of prepubertal obesity”

9:10-9:20 am: Speaker identified from submitted abstracts
9:20-9:30 am: Speaker identified from submitted abstracts

9:30-9:50 am: Lisa Cassis*, PhD (Chair of Pharmacology; Vice President of Research, University of Kentucky) “Role of ACE2 in sex differences in diet-induced obesity”

10:00 am – 11:00 am  COFFEE BREAK AND POSTER SESSION 2

11:00 am – 1:00 pm  SESSION 5: “Sex and Gender Differences in Physiology and Function: The Kidney”

**Chairs:** David Pollock, PhD (Professor; Director; University of Alabama at Birmingham) and A trainee/early stage investigator selected from abstract submissions

11:00 am – 11:30 am: David Pollock, PhD “Sex differences in renal function: lessons from the ET-1 system”

11:30 am – 11:40 am: Speaker identified from submitted abstracts

11:40 am – 12:00 pm: Alicia McDonough*, PhD (Professor, University of Southern California) “Sex differences in renal sodium transporters”

12:00 pm – 12:10 pm: Speaker identified from submitted abstracts
12:10 pm – 12:30 pm: **Attila Szabó, MD** (Semmelweis University, Budapest) “Sex differences in renal ischemia-reperfusion injury” Speaker identified from submitted abstracts

12:30 pm – 12:40 pm: Speaker identified from submitted abstracts

12:40 pm – 1:00 pm: **Michelle Gumz*, PhD** (Assistant Professor, University of Florida) “Circadian control of the kidney is dependent on sex”

**1:00 pm – 3:00 pm**

LUNCH (on your own)

**3:00 pm – 3:30 pm**

Plenary Lecture- **Marjorie Jenkins*, MD** (Professor of Medicine, Founding Director and Chief Scientific Officer for the Laura W. Bush Institute for Women’s’ Health, Associate Dean for Women in Science, and the J. Avery Rush Endowed Chair for Excellence in Women’s Health Research, Texas Tech University Health Science Center). “National initiatives in Sex and Gender-Based Medicine (SGBM)”

**3:30 pm – 4:00 pm**

COFFEE BREAK AND POSTER SESSION

**4:00 pm – 6:00 pm**

SESSION 6: “Female-specific cardiovascular, renal and metabolic complications”

**Chairs:** Louise Kenny, MB, PhD, MRCOG (Professor, University College Cork, Ireland) and
A trainee/early stage investigator selected from abstract submissions

4:00 pm – 4:30 pm: **Louise Kenny*, MB, PhD, MRCOG-** “Clinical and Basic Science Considerations of Cardiovascular Health in Pregnancy”

4:30 pm – 4:40 pm: Speaker identified from submitted abstracts

4:40 pm – 5:00 pm: **Sarah Lindsey*, PhD** (Assistant Professor, Tulane University) “Blood pressure control in the postmenopausal female”

5:00 pm – 5:10 pm: Speaker identified from submitted abstracts

5:10 pm – 5:30 pm: **Michelle Hladunewich*, MD, FRCP, MSc** (Associate Scientist, Stonybrook Health Sciences Centre, Toronto) “Long-term Sequelae of Preeclampsia: a Clinical Perspective”

5:30 pm – 5:40 pm: Speaker identified from submitted abstracts

5:40 pm – 6:00 pm: **Keisa Mathis*, PhD** (Assistant Professor, University of North Texas Health Science Center) “Neuroimmune modulation of cardiovascular function in female SLE mice”

**7:00 pm – 9:30 pm**

BANQUET AND AWARDS CEREMONY

**Wednesday October 3**

Breakfast (on your own)

**7:00 am – 12:00 pm**

Registration

As of 12.5.17
8:00 am – 10:00 am  
Session 7: “Sex and Gender Differences in Physiology and Function: The Vasculature”

**Chairs:** Eric Belin de Chantemele, PhD (Assistant Professor, Augusta University) and A trainee/early stage investigator selected from abstract submissions

8:00 am – 8:30 am: **Eric Belin de Chantemele, PhD** “Impact of sex on vascular function in cardiovascular and metabolic disorders”

8:30 am – 8:40 am: Speaker identified from submitted abstracts

8:40 am – 9:00 am: **Virginia Huxley**, PhD (Professor, University of Missouri) “Sex differences in endothelial cells of the microvasculature”

9:00 am – 9:10 am: Speaker identified from submitted abstracts

9:10 am – 9:30 am: **Anita Layton**, PhD (Robert R. & Katherine B. Penn Professor of Mathematics, Duke University) “Using mathematical modeling to understand the basis for sex differences in vascular function”

9:30 am – 9:40 am: Speaker identified from submitted abstracts

9:40 am – 10:00 am: **Adviye Ergul**, MD PhD (Professor, Augusta University) “The impact of sex and diabetes on vascular function in diabetes”

10:00 am – 10:30 am  
**COFFEE BREAK**

10:30 am – 12:30 pm  
Session 8: “Male-specific cardiovascular, renal and metabolic complications”

**Chairs:** Jane Reckelhoff*, PhD (Billy S. Guyton Distinguished Professor; Director Women’s Health Research Center, University of Mississippi Medical Center) and A trainee/early stage investigator selected from abstract submissions

10:30 am – 11:00 am: **Jane Reckelhoff**, PhD - “Androgens in cardiovascular health and disease”

11:00 am – 11:10 am: Speaker identified from submitted abstracts

11:10 am – 11:30 am: **J. Abram McBride, MD** (Assistant Professor, University of North Carolina) “Testosterone deficiency in the aging male”

11:30 am – 11:40 am: Speaker identified from submitted abstracts

11:40 am – 12:00 pm: **Antonio Cittadini, MD** (Professor, University of Naples, Italy) “Klinefelter syndrome, the cardiovascular system, and thromboembolic disease”

12:00pm – 12:10 pm: Speaker identified from submitted abstracts

12:10 pm – 12:30 pm: **Paresh Dandona, MD PhD** (Distinguished Professor, Chief of Endocrinology, Jacobs School of Medicine and Biomedical
As of 12.5.17

Sciences, University of Buffalo) “Testosterone in men with type II diabetes”

12:30 pm – 12:45 pm  Highlights and Closing Remarks