Wednesday, June 4

12:00 - 2:00 pm
Ancillary Event:
“Interview Without Fear: How to Talk to Print and Broadcast Reporters”
John Seng, Spectrum Science Public Relations

2:00 - 4:00 pm
OSSD Meeting Registration
Exhibit Set-up

4:00 - 5:00 pm
Keynote Lecture
Huntington Willard, Ph.D., Duke University
“Sex and Genomes: Differences, Phenotypes and Mechanisms”

5:00 - 7:00 pm
Symposium I: The X Chromosome and X-Linked Disorders
Chair: Jun Xu, Ph.D., Tufts University

 Speakers:
- Carolyn J. Brown, Ph.D., University of British Columbia
  “XIST and X Chromosome Inactivation in Humans”

- Christine M. Disteche, Ph.D., University of Washington
  “Dosage Compensation of the X Chromosome and Differences Between Males and Females”

- Barbara R. Migeon, M.D., Johns Hopkins University
  “Single Active X, Cellular Mosaicism and Sex Differences in Disease”

Thursday, June 5

7:00 pm
Reception

7:00 - 9:00 am
Breakfast

8:00 - 10:00 am
Symposium II: Sex Differences in Vascular and Renal Disease
Chair: Kathryn Sandberg, Ph.D., Georgetown University

 Speakers:
- Terry R. Brown, Ph.D., Johns Hopkins Bloomberg School of Public Health
  “Androgen Insensitivity Syndromes: Paradox of Phenotypic Feminization with Male Genotype and Normal Testicular Androgen Secretion”

- Meredith Hay, Ph.D., University of Iowa
  “The Role of Central Estrogen Receptors in Aldosterone-Induced Hypertension in Male and Female Conscious Rats”

- Raouf A. Khalil, M.D., Ph.D., Harvard University
  “Mechanisms Contributing to Sex Differences in Age-Associated Hypertension and Vascular Dysfunction”

- Mark C. Chappell, Ph.D., FAHA, Wake Forest University School of Medicine
  “Influence of Gender on Salt-Dependent Increases in Blood Pressure and Renal Injury in the Congenic mRen2.Lewis Strain”

- Sharon J. Elliot, Ph.D., University of Miami
  “Signaling Pathways in Diabetic and Age-Related Glomerulosclerosis”
10:00 - 10:30 am
Break, Posters and Exhibits Open

10:30 am - 12:30 pm
Symposium III: Sex Differences in Sleep
Chair: Jessica A. Mong, Ph.D., University of Maryland School of Medicine

Speakers:
- Namni Goel, Ph.D., University of Pennsylvania, School of Medicine
  “Sex Differences in Objective and Subjective Sleep Measures in Healthy Adults”
- Ketema N. Paul, Ph.D., Morehouse School of Medicine
  “Hormone Replacement in Mice Restores Sex Differences in the Ability of Stress to Augment Sleep”
- Jessica A. Mong, Ph.D., University of Maryland, School of Medicine
  “Cellular Mechanisms Underlying Sex Differences in Sleep”
- Timothy Roehrs, Ph.D., Wayne State University
  “Sleep and Menopause”

12:30 - 1:30 pm
Lunch Break

1:30 - 3:30 pm
Symposium IV: Impact of Sex and Hormones on Immunity and Infection
Co-Chairs: Sabra Klein, Ph.D., Johns Hopkins Bloomberg School of Public Health, and Sally Huber, Ph.D., University of Vermont

Speakers:
- S. Ansar Ahmed, D.V.M., Ph.D., Virginia Tech
  “Molecular Regulation of Macrophage-Derived Proinflammatory Molecules by Estrogen”
- Sabra L. Klein, Ph.D., Johns Hopkins Bloomberg School of Public Health
  “Influence of Sex and Hormones on Susceptibility to Viruses”
- Abhay Satoskar, M.D., Ph.D., Ohio State University
  “Immunological Mechanisms Mediating Sex Differences in Parasitic Infection”
- Patti E. Gravitt, Ph.D., Johns Hopkins Bloomberg School of Public Health
  “Effects of Sex Steroids and Oral Contraceptives on Susceptibility to and Persistence of Human Papillomavirus”

3:30 - 4:30 pm
OSSD Annual Business Meeting

4:30 - 6:30 pm
Poster Session I

FRIDAY, JUNE 6

7:00 - 9:00 am
Breakfast

8:00 - 10:00 am
Symposium V: Sex Differences in Causes and Consequences of Drug Abuse
Co-Chairs: Cora Lee Wetherington, Ph.D., NIDA, and Ellen Witt, Ph.D., NIAAA

Speakers:
- Linda P. Spear, Ph.D., SUNY-Binghamton
  “Sex Differences in Alcohol Sensitivity, Intake and Stressor Effects, and Their Ontogeny”
- Marc J. Kaufman, Ph.D., Harvard Medical School
  “Sex Differences and Menstrual Cycle Variations in Cocaine’s Cerebrovascular Effects Detected with Functional Magnetic Resonance Imaging”
Amy B. Wisniewski, Ph.D., University of Oklahoma Health Sciences Center
“Sex Differences in HPA and HPG Function in HIV-infected Adults Who Use Cocaine and Heroin: Associations with Depressive Symptoms and Quality of Life”

Jill B. Becker, Ph.D., University of Michigan
“Sex Differences in the Neural Basis of Drug Abuse—Preclinical Studies”

10:00 - 10:30 am
Break and Poster Viewing/Exhibits

10:30 am - 12:30 pm
Symposium VI: Sex Differences in Cardiovascular Disease
Chair: C. Noel Bairey Merz, M.D., Cedars-Sinai Medical Center

Speakers:
- Karin Schenck-Gustafsson, M.D., Ph.D., Karolinska Hospital
  “Sex Differences in Ischemic Heart Disease—Prevalence, Risk Factors and Cardiovascular Events”
- Vera Regitz-Zagrosek, M.D., Charite-Universitaetsmedizin Berlin
  “Heart Failure—Are Women Different?”
- Leslee J. Shaw, Ph.D., Emory University School of Medicine
  “Clinical Outcomes and Prognosis for Women with Suspected and Known Coronary Disease”
- Dorie Schwertz, Ph.D., B.S.N., B.A., R.N., FAAN, FAHA, University of Illinois at Chicago
  “Cellular and Molecular Differences Underlying Sex Differences in Cardiac Pathology: What Have We Learned from Research in Animal Models?”

12:30 - 1:30 pm
Lunch Break

1:30 - 3:30 pm
Symposium VII: Sex Differences in Stress
Co-Chairs: Jacob Raber, Ph.D., Oregon Health Sciences University, Cheryl Frye, Ph.D., SUNY Albany, and James Herman, Ph.D., University of Cincinnati

Speakers:
- Jacob Raber, Ph.D., Oregon Health & Sciences University
  “Sex Differences in Stress and Cognition”
- Cheryl Frye, Ph.D., State University of New York, Albany
  “Estrogen Receptor Beta as a Target for the Anti-anxiety and Anti-depressant Effects of Steroids”
- Esther Sabban, Ph.D., New York Medical College
  “Sex Differences in Catecholaminergic System: Influence of Estrogen”
- James P. Herman, Ph.D., University of Cincinnati
  “Sex Differences in Stress Adaptation and Resilience”

3:30 - 5:30 pm
Poster Session II

5:30 - 6:30 pm
Keynote Lecture
Noel Rose, M.D., Ph.D., Johns Hopkins Bloomberg School of Public Health
“Sex Differences in the Autoimmune Diseases”

7:30 pm
Awards Banquet