No registration fees are used to fund entertainment or alcohol at this conference

Conference Program

Print | View meeting in 12 hr (am/pm) time

The meeting will begin on Sunday, March 19 with registration from 16:00 to 20:00 and a welcome mixer and light meal from 18:00 to 20:00. Conference events conclude on Wednesday, March 22 with a closing plenary session from 17:00 to 19:00, followed by dinner and entertainment. We recommend return travel on Thursday, March 23 in order to fully experience the meeting.

SUNDAY, MARCH 19

16:00–20:00	**Arrival and Registration**	Pre Function
18:00–20:00	**Welcome Mixer** No registration fees are used to fund alcohol served at this function.	Granhall
18:00–20:00	**Light Meal - Provided by Granlibakken**	Granhall

MONDAY, MARCH 20

07:00–08:00	**Breakfast**	Granhall
08:00–09:00	**Welcome (Organizers) and Keynote Address** **Meeting has ended...abstracts no longer viewable online.** **David C. Page,** Whitehead Institute for Biomedical Research, USA *Sex and Disease: Do Males and Females Read their Genomes Differently?*	Mountain/Lake
09:00–11:45	**Sex Differences in Metabolic Homeostasis I** **Meeting has ended...abstracts no longer viewable online.** *** Andrea L. Hevener,** University of California, Los Angeles, USA **Susan K. Fried,** Icahn School of Medicine at Mount Sinai, USA *Sex Differences in Adipose Biology* **Coffee Break** **Charles T. Roberts,** Oregon National Primate Research Center, USA *Sex-Specific Effects of Androgens on Adipose Tissue Biology* **Jayne S. Danska,** Hospital for Sick Children Research Institute, Canada *Regulation of Diabetes by Genes, Sex and the Microbiome* **Karlton R. Larson,** University of California, Davis, USA *Short Talk: Sex Differences in the Metabolic Response to Dietary Protein Dilution and FGF21* **Brian Finan,** Novo Nordisk, USA *Short Talk: GLP-1/GIP/Glucagon Triagonism Corrects Metabolic Disease in Female Mice* **Margreet Vonk Noordegraaf,** Erasmus MC, Netherlands *Short Talk: AMH Signaling Deficiency Causes Sex-Dependent Metabolic Alterations in Mice*	Mountain/Lake
11:45–14:30	**On Own for Lunch**	
11:45–13:00	**Poster Setup**	Bay
13:00–22:00	**Poster Viewing**	Bay
14:30–16:30	**Workshop 1: Designing Pre-Clinical Studies to Conduct Research on Sex Differences** *** Karen Reue,** University of California, Los Angeles, USA	Mountain/Lake

Franck Mauvais-Jarvis, Tulane University Health Sciences Center, USA

Arthur P. Arnold, University of California, Los Angeles, USA

16:30—17:00 **Coffee Available** Pre Function

17:00—19:00 **Sex Differences in Metabolic Homeostasis II** Mountain/Lake
Meeting has ended...abstracts no longer viewable online.

*** Darleen A. Sandoval,** University of Michigan, USA

Miriam Bredella, Massachusetts General Hospital, USA
Sex Differences in Body Composition

Jean-François Gautier, Paris VII University School of Medicine, France
Sex Differences in Diabetes Risk in Offspring after Fetal Exposure to Maternal Diabetes

Christopher B. Newgard, Duke University Medical Center, USA
Sex Differences in the Human Metabolome

Kirstie K. Danielson, University of Illinois at Chicago, USA
Short Talk: Sex Differences in, and Associations of Estrogen with, Human Islet Survival and Function Following Islet Cell Transplant

19:00—20:00 **Dinner** Granhall
No registration fees are used to fund alcohol served at this function.

19:30—22:00 **Poster Session 1** Bay

20:00—21:00 **Social Hour** Bay
No registration fees are used to fund alcohol served at this function.

TUESDAY, MARCH 21

07:00—08:00 **Breakfast** Granhall

08:00—11:15 **Estrogens and Metabolic Homeostasis** Mountain/Lake
Meeting has ended...abstracts no longer viewable online.

*** John M. Stafford,** Vanderbilt University, USA

Deborah Clegg, Cedars-Sinai Medical Center, USA
Estrogens, through Activation of Membrane Estrogen Receptor Alpha, Potentiate Beiging of Adipose Tissues

Holly A. Ingraham, University of California, San Francisco, USA
Sex-Specific Modulation of Energy Homeostasis via Estrogen-Responsive Neurocircuits

Coffee Break

Andrea L. Hevener, University of California, Los Angeles, USA
The Impact of ER-alpha in the Regulation of Mitochondrial and Metabolic Health

Miguel López, Universidad de Santiago de Compostela, Spain
Estrogen Regulation of Brown Adipose Tissue Thermogenesis

Yong Xu, Baylor College of Medicine, USA
Short Talk: TAp63 Contributes to Sexual Dimorphism in POMC Neuron Firing and Diet-Induced Obesity

Lin Zhu, Vanderbilt University School of Medicine, USA
Short Talk: Absence of Liver Estrogen Alpha Signaling Predisposes Mice to Atherosclerosis during Western-Type Diet Feeding

11:15—17:00 **On Own for Lunch**

11:15—13:00 **Poster Setup** Bay

13:00—22:00 **Poster Viewing** Bay

14:30—16:30	**Workshop 2** *** Pierre Gourdy,** INSERM DRTLS, France **Alexandra L. Cara,** University of Michigan, USA *Androgen Receptor Expression in Chemically Defined Hypothalamic Nuclei Associated with Energy Balance* **Sebastian I. Arriola Apelo,** University of Wisconsin-Madison, USA *Male and Female Sex Hormones Determine Metabolic Effects of Hepatic mTORC2* **Aurèle Besse-Patin,** Institut de Recherches Cliniques de Montréal, IRCM, Canada *Estrogen Signals through PGC-1alpha to Reduce Oxidative Stress Associated with Diet-Induced Fatty Liver Disease* **Marion M.C. Korach-André,** Karolinska Institute, Sweden *Differential Fatty Acids and Lysophospholipids Composition in Adipose Depots and in Liver May Drive the Sexual Dimorphism in Obesity* **Samantha Laber,** University of Oxford, UK *Do Functional Elements within the Fto Locus Have Sex-Specific Effects?* **Kanakadurga Singer,** University of Michigan, USA *Androgens Potentiate Myeloid Inflammatory Responses to Diet-Induced Obesity* **Matthew A. Quinn,** NIEHS, National Institutes of Health, USA *Estrogen Deficiency Promotes Hepatic Steatosis via Aberrant Glucocorticoid Receptor Signaling* **Yukitomo Arao,** NIEHS, National Institutes of Health, USA *Estrogen and Androgen Signaling in Female Hepatic Steatosis*	Mountain/Lake
16:30—17:00	**Coffee Available**	Pre Function
17:00—19:00	**Androgen and Metabolic Homeostasis** **Meeting has ended...abstracts no longer viewable online.** *** Charles T. Roberts,** Oregon National Primate Research Center, USA **Franck Mauvais-Jarvis,** Tulane University Health Sciences Center, USA *Role of Estrogen and Androgen in Pancreatic Islet Dysfunction in Males and Females* **Vasantha Padmanabhan,** University of Michigan, USA *Developmental Programming of Insulin Resistance in Female Sheep: Is Androgen the Culprit?* **Andrea Dunaif,** Northwestern University Feinberg School of Medicine, USA *Androgens and Metabolic Dysfunction in Women* **Farid Saad,** Bayer AG, Germany *Short Talk: Prevalence of Type 2 Diabetes (T2DM) and Prediabetes in Hypogonadal Men with or without Testosterone Treatment for up to 12 Years, and Effects on Anthropometric Parameters and Glycemic Control*	Mountain/Lake
19:00—20:00	**Dinner** No registration fees are used to fund alcohol served at this function.	Granhall
19:30—22:00	**Poster Session 2**	Bay
20:00—21:00	**Social Hour** No registration fees are used to fund alcohol served at this function.	Bay

WEDNESDAY, MARCH 22

07:00—08:00	**Breakfast**	Granhall

08:00—11:15	**Genetics, Metabolomics and Systems Biology of Sex Differences** **Meeting has ended...abstracts no longer viewable online.** *** Holly A. Ingraham,** University of California, San Francisco, USA **Marc-Andre Cornier,** University of Colorado, USA *Sex Differences in Brain Response to Food* **Karen Reue,** University of California, Los Angeles, USA *The XX Chromosome Complement Is an Obesity Risk Factor* **Coffee Break** **Cecilia Lindgren,** Oxford University, UK *Sexual Dimorphisms in Genetic Loci Linked to Body Fat Distribution* **Arthur P. Arnold,** University of California, Los Angeles, USA *Sex Differences in Systems Biology: The Sexome* **Nyrie E. Israelian,** University of Toronto, Canada *Short Talk: Impact of Sex on Gut Microbial Composition and Mucosal Immunity* **Eija Laakkonen,** University of Jyväskylä, Finland *Short Talk: Serum exomiR Content in Aging Women - Effects of Estrogenic Hormone Replacement Therapy*	Mountain/Lake
11:00—17:00	**On Own for Lunch**	
16:30—17:00	**Coffee Available**	Pre Function
17:00—18:45	**Drug Design and Gender-Specific Medicine** **Meeting has ended...abstracts no longer viewable online.** *** Farid Saad,** Bayer AG, Germany **James Trevaskis,** MedImmune, USA *Enhanced Metabolic Actions of Amylin in Estrogen-Deficiency* **Alan J. Russell,** GlaxoSmithKline plc., USA *Development of Selective Androgen Receptor Modulators (SARMs) and their Sex-Selective Actions* **Richard D. DiMarchi,** Indiana University, USA *Chemical Biotechnology Applied to Metabolic Diseases*	Mountain/Lake
18:45—19:00	**Meeting Wrap-Up: Outcomes and Future Directions (Organizers)** **Meeting has ended...abstracts no longer viewable online.**	Mountain/Lake
19:00—20:00	**Dinner** No registration fees are used to fund alcohol served at this function.	Granhall
19:00—20:00	**Social Hour** No registration fees are used to fund alcohol served at this function.	Granhall
20:00—23:00	**Entertainment** Entertainment is not subsidized by conference registration fees nor any U.S. federal government grants. Funding for this expense is provided by other revenue sources.	Granhall

THURSDAY, MARCH 23

Departure

*Session Chair †Invited, not yet responded.

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