

CENTER FOR NEUROVISCERAL SCIENCES & WOMEN'S HEALTH (CNS/WH)

**FRIDAY, JANUARY 20, 2006
BASIC and TRANSLATIONAL SCIENCE SYMPOSIUM**

LOCATION: UCLA NORTHWEST AUDITORIUM AT SUNSET VILLAGE

7:30 a.m. - 8:00 a.m. Continental Breakfast

8:00 a.m. – 8:30 a.m. INTRODUCTION AND OVERVIEW

Emeran Mayer, M.D.

Director, Center for Neurovisceral Sciences &
Women's Health

Roberto Peccei, Ph.D.

UCLA Vice Chancellor of Research

Peter Whybrow, M.D.

Director, UCLA Semel Institute for Neuroscience
and Human Behavior

Frank Hamilton, M.D., M.P.H.

Chief, Digestive Diseases Program Branch
National Institute of Diabetes & Digestive & Kidney Diseases
National Institutes of Health

8:30 a.m. – 9:45 a.m. THEME I: SEX AND WOMEN'S HEALTH

Chairs: Lin Chang, M.D., Andrea Rapkin, M.D.

8:30 a.m. – 9:00 a.m. **Keynote Presentation**

Vivian W. Pinn, M.D.

Associate Director for Research on Women's Health
Director, Office of Research on Women's Health
National Institutes of Health

Sex and Gender Issues in Research and Health Care

9:00 a.m. - 9:15 a.m. Discussion

9:15 a.m. – 9:30 a.m. Data Blitz (3 slides – 5 minutes each)

Kirsten Tillisch, M.D.

Sex differences in autonomic responses in IBS

Jennifer Labus, Ph.D.

Anticipation of an aversive visceral stimulus involves a neural network that functions differently for men and women with IBS

Andrea Rapkin, M.D.

Brain correlates of premenstrual syndrome

9:30 a.m. – 9:45 a.m.

Discussion

Moderator: **Larissa Rodriguez, M.D.**

University of California Los Angeles

Department of Urology

9:45 a.m. - 10:00 a.m.

BREAK

10:00 a.m. – 11:50 a.m.

THEME II: SEX DIFFERENCES IN STRESS RESPONSE

Chairs: Yvette Taché, Ph.D., Arthur Arnold, Ph.D.

10:00 a.m. – 10:30 a.m.

STATE OF THE ART LECTURE

Introduction: Catherine Rivier, Ph.D.

Bruce McEwen, Ph.D.

The Rockefeller University

Laboratory of Neuroendocrinology

***Stress and the mind-body connection:
lessons from neuroendocrinology***

10:30 a.m. – 10:45 a.m.

Discussion

10:45 a.m. – 11:00 a.m.

Data Blitz (3 slides – 5 minutes each)

Muriel Larauche, Ph.D.

Ovarian hormones modulate the colonic response to peripheral CRF in female rats: involvement of CRF1 receptors

Lin Chang, M.D.

HPA axis dysregulation in functional disorders

Mary-Frances O'Connor, Ph.D.

Sex differences in the association between vagal tone and monocyte expression of IL-6

11:00 a.m. – 11:15 a.m.

Discussion

Moderator: **Jon-Kar Zubieta, M.D., Ph.D.**
University of Michigan
Mental Health Research Institute

11:15 p.m. - 11:40 p.m.

State of the CNS/WH Center

Emeran Mayer, M.D.

Director, UCLA Center for Neurovisceral Sciences &
Women's Health

11:45 p.m. – 12:30 p.m.

LUNCH

12:30 p.m. – 2:00 p.m.

Posters and dessert

2:00 a.m. – 3:15 p.m.

THEME III: EMOTION REGULATION

Chairs: Mark Barad, M.D., Ph.D., Michael Fanselow, Ph.D.

2:00 p.m. – 2:30 p.m.

Keynote Presentation

Lukas Pezawas, M.D.

Department of General Psychiatry
University Hospital of Psychiatry
Medical University of Vienna, Austria

***Epistatic phenomena of BDNF & SERT and their impact
on cortico-limbic circuitries***

2:30 p.m. – 2:45 p.m.

Discussion

2:45 p.m. – 3:05 p.m.

Data Blitz (3 slides – 5 minutes each)

Andrew Poulos, Ph.D.

Fear learning in the absence of the basolateral amygdala

Timothy Bredy, Ph.D.

*Sodium Valproate potentiates extinction of conditioned fear
and enhances reconsolidation of the original memory trace*

Jennifer Pfeifer, M.A.

*Development of the mirror neuron system and its role in
processing emotion*

Golnaz Tabibnia, M.A.

*Linguistic labeling of aversive pictures attenuates
long-term autonomic reactivity*

3:05 p.m. – 3:20 p.m.

Discussion

Moderator: **John Sheridan, Ph.D.**

Department of Oral Biology
Ohio State University

3:20 p.m. – 3:35 p.m. **BREAK**

3:35 p.m. – 5:00 p.m. **THEME IV: PAIN MODULATION**

Chairs: Chris Evans, Ph.D., Igor Spigelman, M.D.

3:35 p.m. – 4:05 p.m. **Keynote Presentation**

Tony Yaksh, Ph.D.
University of California San Diego
Department of Anesthesiology
***Spinal non-neuronal cells in nociceptive processing:
old ideas, new data***

4:05 p.m. – 4:20 p.m. Discussion

4:20 p.m. – 4:35 p.m. Data Blitz (3 slides – 5 minutes each)

Sylvie Bradesi, Ph.D.
*Neuroimmune interaction in a model of chronic visceral
hyperalgesia in rats*

Michelle Lynn McDonald, B.S.
Pelvic Organ Co-localization within Dorsal Root Ganglia

Camron Bryant, B.S.
Sex differences in opioid tolerance

4:35 p.m. – 4:50 p.m. Discussion

 Moderator: **Jeffrey Mogil, Ph.D.**
 McGill University
 Department of Psychology

4:50 p.m. – 5:00 p.m. Poster Award /Wrap Up/Closing Comments
Emeran Mayer, M.D.
UCLA Department of Medicine