Biological & Psychological Factors that Contribute to Chronic Pain

Wednesday May 28, 2014

8:30 a.m. Welcome and Opening Remarks
Nora Volkow, M.D., Director, NIDA, NIH Pain Consortium Executive Committee Member

8:45 a.m. Keynote Address: TRP Channels of the Pain Pathway: Connecting Physiology to Atomic Structure
David Julius, Ph.D., University of California, San Francisco

9:30 a.m. Panel Session on Pain and Depression
Moderator: Wendy B. Smith, M.A., Ph.D., BCB, Senior Scientific Advisor, OBSSR

Session Overview: Pain and Depression – What Exactly is the Relationship?
Dan Clauw, M.D., University of Michigan

10:10 a.m. Pain and Mood Regulation in Women with Chronic Pain
Mary Davis, Ph.D., Arizona State University

10:30 a.m. Psychosocial Influences on Pain and Depression
Courtney DeVries, Ph.D., Ohio State University, College of Medicine

10:50 a.m. Panel Session Q and A

11:10 a.m. Poster Session and Break in the Atrium

11:40 p.m. Introduction to the Junior Investigator Presentations
Gayle E. Lester, Ph.D., Program Director, NIAMS

11:45 a.m. Neural Mechanisms Supporting Mindfulness-Based Pain Relief as Compared to Placebo Analgesia
Fadel Zeidan, Ph.D., Wake Forest School of Medicine
12:00 p.m.  
**Identification of TMD Subtypes: The OPPERA Study**

Eric Bair, Ph.D., University of North Carolina, School of Dentistry

12:15 p.m.  
**Resting State Alterations in Women with Interstitial Cystitis/Painful Bladder Syndrome**

Lisa Kilpatrick, Ph.D., University of California Los Angeles, David Geffen School of Medicine

12:30 p.m.  
**Lunch**

1:30 p.m.  
**Poster Session in the Atrium**

2:00 p.m.  
**Update from the American Pain Society**

*The American Pain Society Research Agenda*

Roger B. Fillingim, Ph.D., University of Florida

2:20 p.m.  
**Panel Session on Pain and Sleep Disorders**

Moderator: Ann O’Mara, Ph.D., R.N., F.A.A.N., Head of Palliative Care Research, NCI

*Genetic Basis of Chronic Pain*

William Lariviere, Ph.D., University of Pittsburgh

2:40 p.m.  
**Genetic Basis of Human Clock and Links to Migraine**

Louis Ptacek, M.D., University of California, San Francisco

3:00 p.m.  
**The Effects of Cognitive Behavioral Therapy for co-Morbid Insomnia and Pain**

Michael V. Vitiello, Ph.D., University of Washington

3:20 p.m.  
**The Effects of Sleep Disruption on Pain and Mood: Role of inflammatory Markers**

Monika Haack, Ph.D., Harvard University

3:40 p.m.  
**Panel Session Q and A**

4:00 p.m.  
**Mitchell Max Award for best Junior Investigator Presentation**

Patricia A. Grady, Ph.D., RN, FAAN, Director, NINR, NIH Pain Consortium Executive Committee Member

4:10 p.m.  
**Adjourn**
Thursday, May 29

8:30 a.m. **A Patient’s Perspective**
Cynthia Toussaint, For Grace

*Introduction: Susan Marden, Ph.D., Program Director, NINR*

8:50 a.m. **A Resource for Pain Research**
The Stanford-NIH Pain Registry
Sean Mackey, M.D., Ph.D., Stanford University

*Introduction: Susan Marden, Ph.D., Program Director, NINR*

9:30 a.m. **Panel Session on Pain and Inflammation**

*Moderator: Catherine Bushnell, Ph.D.  Scientific Director, Intramural Research, NCCAM*

- **Panel Session Overview:** *Targeting Glial Activation for Treating Chronic Pain and Improving the Clinical Efficacy of Opioids*
- Linda Watkins, Ph.D., University of Colorado, Boulder

10:10 a.m. **Poster Session and Break**

10:40 a.m. **Bacteria Activate Sensory Neurons that Modulate Pain**
Clifford Woolf, M.D., Ph.D., Boston Children’s Hospital

11:00 a.m. **Sleep Drives Metabolite Clearance from the Brain**
Maiken Nedergaard, M.D., University of Rochester

11:20 a.m. **Neuro-immune Mechanisms of Depression and Pain**
Annemeike Kavelaars, Ph.D., M.D. Anderson Cancer Center

11:40 a.m. **Panel Session Q and A**

12:00 p.m. **Closing Remarks and Adjourn**

Josephine P. Briggs, M.D., Director, NCCAM, NIH Pain Consortium Executive Committee Member