



**Health Sciences Innovation Building, Forum
1670 E. Drachman St., Tucson AZ
7:30 a.m. – 6:00 p.m., October 23, 2024**

WEDNESDAY, OCTOBER 23

7:30 - 8:00 Breakfast

8:00 - 8:40 Opening Remarks

Michael Dake, MD, Senior Vice President, University of Arizona Health Sciences

Johnny Stephens, PharmD, President, Oklahoma State University Center for Health Sciences

Don Kyle, PhD, Chief Executive Officer, National Center for Wellness and Recovery, Oklahoma State University Center for Health Sciences

Todd Vanderah, PhD, Director, Comprehensive Center for Pain & Addiction, University of Arizona Health Sciences, Regents Professor and Head, Department of Pharmacology, College of Medicine – Tucson

Suresh Garimella, PhD, President, University of Arizona

Frank Porreca, PhD, Cosden Professor of Pain and Addiction Studies, Associate Head, Department of Pharmacology, College of Medicine – Tucson, University of Arizona

5-minute meet & greet

Session 1 – Framing the problem of pain and addiction (Frank Porreca, PhD, Chair)

8:45 - 9:15 **Keith Meldrum**, Personal Pain Advocate, Retired Civil Engineer, Arthon Constructors, Kelowna, BC
Challenges and opportunities for those living with persistent pain

9:15 - 9:20 Q&A

9:20 – 10:05..... **George Koob, PhD**, Director, National Institute on Alcohol Abuse and Alcoholism (NIAAA), National Institutes of Health
A conceptual framework for the intersection of hyperalgesia and hyperkatifeia opioid addiction

10:05 - 10:10 Q&A

10:10 - 10:40 Coffee/Media Break

10:40 - 11:00 **Frank Porreca, PhD**, Cosden Professor of Pain and Addiction Studies, Associate Head, Department of Pharmacology, College of Medicine – Tucson, University of Arizona
Overlapping circuits of opioid addiction and chronic pain

11:00 - 11:05 Q&A

11:05 - 11:25 **Patrick Finan, PhD**, Harold Carron Professor of Anesthesiology, University of Virginia School of Medicine
Mechanisms of the association of sleep and pain: Implications for intervention development

11:25 - 11:30 Q&A

11:30 – 11:50..... **Sandra Comer, PhD**, Professor of Neurobiology, Columbia University Department of Psychiatry
Development of vaccines for treating opioid use disorder: Implications for treating pain

11:50 - 11:55 Q&A

12:00 - 1:00 Lunch

Session 2 – Scientific overlap of pain and addiction (Todd Vanderah, PhD, Chair)

1:10 - 1:30 **Craig Werner, PhD**, Senior Director of Neuroscience, National Center for Wellness and Recovery, Oklahoma State University Center for Health Sciences
Re-imagining drug discovery to treat substance use disorder

1:30 - 1:35 Q&A

1:35 - 1:55 **Jane Ballantyne, MD, FRCA**, Professor of Anesthesiology, University of Washington Medicine
Buprenorphine: a misunderstood drug in the pain clinic

1:55 - 2:00 Q&A

2:00 - 2:20 **Don Kyle, PhD**, Chief Executive Officer, National Center for Wellness and Recovery,

Oklahoma State University Center for Health Sciences

A brief survey of the U of A and OSU addiction research collaboration projects and aspirations

2:20 - 2:25 Q&A

2:25 - 2:55 Refreshment Break

2:55 - 3:15 **Judy Ashworth, MD**, Senior Scientific Advisor, Pinney Associates

Novel non-opioid targets in clinical development: still searching for that magic bullet

3:15 - 3:20 Q&A

3:20 - 4:00 **Apkar Vania Apkarian, PhD**, Director, Center for Translational Pain Research,
Feinberg School of Medicine, Northwestern Medicine

Receptor-specific whole-cortex functional adaptations with long-term opioid exposure

4:00 - 4:05 Q&A

4:05 - 4:35 **Rita Valentino, PhD**, Director, Division of Neuroscience and Behavior, National Institute of Drug Abuse
(NIDA), National Institutes of Health

Addiction neuroscience at 50 years+

4:35 - 4:40 Q&A

Afternoon session summary wrap up remarks (Frank Porreca, PhD)

4:45 - 6:00 Evening poster session and mixer