

# Beyond Reflex Measures of Pain and Hypersensitivity in Non-Human Species

11th of September, 2018

17th World Congress on Pain, BOSTON CONVENTION & EXHIBITION CENTER, Boston, USA



Our satellite meeting is focused on discussing how to measure spontaneous pain across different animal species & models. Spontaneous pain has been particularly difficult to model and yet it is the central complaint of human pain sufferers. The symposium will discuss the models, methods and species in which aspects relating to spontaneous pain can be measured.

## **Scientific Program**

11:30-11:45

### **Introduction**

What is spontaneous pain? Can we measure spontaneous pain?

**Duncan Lascelles**

11:45-12:45

### ***Physiological Measures of Pain (e.g. HRV; EEG, NWR, spontaneous neuronal activity)***

Advances in the use of physiological measures of spontaneous pain

**David Yarmolinsky & Carl Saab**

## **LUNCH & POSTERS**

1:45-2:45

### ***Panel and Audience Debate: Evoked versus Spontaneous Measures of Pain***

The case for evoked measures **Andrew Rice**: The case for measures of spontaneous pain. **Nick Andrews**

2:45-3:45

### ***Motivational testing***

Conditioned Place Preference as an outcome measure across different model species (rodents, production species, fish)

**Dara Bree & Dan Weary**

## **COFFEE BREAK AND NETWORKING**

4:15-5:15

### ***Measuring pain specific behaviors***

Facial expression as a measure of spontaneous pain

**Daniel Pang**

5:15-6:15

### ***Measuring the effect of pain on complex behavior***

How best to assess spontaneous natural behavior in different species

**Jennie Lofgren & Mette Herskin**

***Evening Reception (location to be determined)***