

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)