INRC 2009 Preliminary Program

Sunday, July 12
4:00-7:00 PM  Registration  Benson Hotel Foyer
7:00-9:00 PM  Welcome Reception  Crystal Ballroom (Benson Hotel)

NOTE: If your poster session is Monday, please put up posters on Sunday evening and remove them by noon on Tuesday. If your poster session is Wednesday, please put up by Tuesday evening and remove them Thursday morning by the coffee break.

Monday, July 13
7:00 – 8:15  Breakfast  Crystal Ballroom

8:30 - 9:30  Plenary Lecture (P1)  Mayfair Ballroom
Allan Basbaum, Chair of Department of Anatomy, UCSF, USA
“Revisiting the contribution of mu and delta opioid receptors to pain control”

9:30 – 12:00  Symposium 1: Synaptic plasticity in reward areas  Mayfair Ballroom
Organizer and Chair: John Williams, OHSU, USA

9:30 – 9:55  Greg Terman, University of Washington, USA – "NMDA receptor plasticity in morphine tolerance”

9:55 – 10:15  Coffee Break

10:15 – 10:40  Olivier Manzoni, INSERM, France - “Presynaptic CB1R desensitization: Mechanisms and pathological correlates”

10:40 – 11:05  Minoru Narita, Tsutomu Suzuki Hoshi Univ., Japan – “Mechanism of suppression of the morphine-induced rewarding effect under a neuropathic pain-like state in rodents”

11:05 – 11:20  Hot Topic #1

11:20 – 11:35  Hot Topic #2

11:35 – 12:00  Discussion
12:00 – 1:30 PM  
**Lunch**  
Crystal Ballroom

1:30- 4:00  
**Symposium 2- Opioid Peptides/Novel Ligands**  
Mayfair Ballroom  
Organizers and Chairs: Jane Aldrich, University of Kansas and Ivy Carroll, RTI, USA

1:30 – 1:55  

1:55 – 2:20  
Jane Aldrich, University of Kansas, USA – “Peptide kappa opioid receptor ligands: Potential for drug development”

2:20 – 2:35  
Hot Topic #3

2:35 – 2:55  
**Coffee Break**

2:55 – 3:20  
Peter Schiller – IRCM, Montreal, Canada – “Opioid peptides containing novel tyrosine analogues”

3:20 – 3:35  
Hot Topic #4

3:35 – 4:00  
Discussion

4:00- 6:00  
**Poster Session 1**

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**Tuesday, July 14**

7:00 – 8:15  
**Breakfast**  
Crystal Ballroom

8:30 - 9:30  
**Founder’s Lecture**  
Mayfair Ballroom  
R. Alan North, Ph.D., University of Manchester, UK  
"The life and times of Hans Walter Kosterlitz"

9:30 – 12:00  
**Symposium #3 - Opioid agonist specific signaling**  
Mayfair Ballroom  
Organizer and Chair: Mac Christie, University of Sydney, Australia

9:30 – 9:55  
Phillipe Jauzac, Université de Caen, France – “Agonist-regulation of delta opioid receptors is consistent with biased agonist”

9:55 – 10:15  
**Coffee Break**
10:15 – 10:40  Jennifer Whistler, GALLO Institute, San Francisco, USA - "GPCR trafficking and responsiveness to drugs of abuse"

10:40 – 11:05  Graeme Milligan, University of Glasgow, Scotland – “Morphine desensitization, internalization and down-regulation of the mu-opioid receptor is facilitated by serotonin 5-HT2A receptor co-activation”

11:05 – 11:20  Hot Topic #5

11:20 – 11:35  Hot Topic #6

11:35 – 12:00  Discussion

12:00 – 1:30 PM  Lunch  Crystal Ballroom

1:30- 4:00  Symposium #4 - Opioid Receptor Interactions  Mayfair Ballroom
Organizer and Chair: Larry Toll, SRI International, USA

1:30 – 1:55  George Wilcox - University of Minnesota, USA – “Opioid receptor interactions with adrenergic receptors”

1:55 – 2:20  Lee-Yuan Liu Chen - Temple University, USA – “Regulation of kappa receptors”

2:20 – 2:35  Hot Topic #7

2:35 – 2:55  Coffee Break

2:55 – 3:20  Alan Gintzler, New York University School of Medicine, USA – “Anatomical and cell signaling dimensions of sexual dimorphic nociception and antinociception”

3:20 – 3:35  Hot Topic #8

3:35 – 4:00  Discussion

5:00-7:00 PM  Break-out Data Blitz sessions for post-docs/graduate students at OHSU (all interested meeting participants invited; dinner will be provided)
Wednesday, July 15
7:00 – 8:15  
*Breakfast*  
Crystal Ballroom

8:30 - 9:30  
**Plenary Lecture (P2)**  
Mayfair Ballroom  
*Methamphetamine Abuse Research Center at OHSU Special Lecture*  
*Jeff Mogil, Ph.D., McGill University, Canada – What’s wrong with animal models of pain?*

9:30 – 12:00  
**Symposium #5 - Sex Differences in Pain and Analgesia**  
Organizer and Chair: *Rebecca Craft*, Washington State University, USA

9:30 – 9:40  
Discussant: *Ed Butelman*, Rockefeller University, USA – “Translational aspects of sex differences in opioid analgesia”

9:40 – 10:05  
*Rebecca Craft*, Washington State University, USA – “Sexual differentiation of opioid analgesia”

10:05 – 10:25  
*Coffee Break*

10:25 – 10:50  
*Wendy Sternberg*, Haverford College, USA – “Sex differences in endogenous analgesia”

10:50 – 11:15  
*Anne Murphy*, Georgia State University, USA

11:15 – 11:30  
Hot Topic #9

11:30 – 12:00  
Discussion

12:00 – 2:00 PM  
**Lunch and Poster Session 2**

2:00- 3:30 PM  
**NIDA Mini-Symposium- Hot Topics at NIDA**  
Mayfair Ballroom  
Organizer and Chair: *Nancy Pilotte*, NIDA, USA

*Speakers: Amelia Eisch, University of Texas-Southwestern Medical Center  
Celeste Napier, Loyola University, Ryan LaLumiere, MUSC, USA*

*Free Afternoon*
Thursday, July 16

7:00 AM  Breakfast  Crystal Ballroom

8:30-9:30 AM  Plenary Lecture (P3)  Mayfair Ballroom
Linda Watkins, University of Colorado- Boulder, USA -
“Listening” and “talking” to neurons: Clinical
implications of glial dysregulation of pain and opioid actions

9:30 – 12:00  Symposium #6 - Opioids and Immune System  Mayfair Ballroom
Organizer and Chair: Christoph Stein, Frei University,
Berlin, Germany

9:30 – 9:55  Sabita Roy, University of Minnesota, USA – “Differential effects of morphine on glucocorticoid receptor translocation in different cell types”

9:55 – 10:15  Coffee Break

10:15 – 10:40  Kurt F. Hauser, Virginia Commonwealth University, USA – “Glia mediate the synergistic inflammatory and neurodegenerative effects of morphine in HIV-1 TAT, but not GP120, exposed neurons”

10:40 – 11:05  Heike L. Rittner, Freie University, Berlin, Germany –

11:05 – 11:20  Hot Topic #10

11:20 – 11:35  Hot Topic #11

11:35 – 12:00  Discussion

12:00 – 1:30  Lunch  Crystal Ballroom
(Note: All posters must be taken down before lunch!!)

1:30- 3:00  Symposium #7 - Mayfair Ballroom
Circuitry involved in Pain Modulatory Systems
Organizer and Chair: Mike Morgan, WSU Vancouver, USA

1:30 – 1:55  Sue Aicher, Oregon Health & Science University, USA –
“Opioid actions in PAG-RVM pathway”

1:55 – 2:20  Mary Heinricher, Oregon Health & Science University, USA –
“RVM circuitry and pain modulation”
2:20 – 2:35  
**Coffee Break**

2:35 – 3:00  
**Christopher Vaughan**, University of Sydney, Australia – “Opioid and cannabinoid modulation of PAG-RVM neurons”

3:00 – 3:15  
Discussion

3:15 – 4:30  
**INRC Business Meeting** (all attendees are invited to participate!)

6:00 – 7:00  
**Pre-dinner reception**  
Crystal Ballroom

7:00 PM  
**Banquet Dinner**  
*with Evening Entertainment featuring the Neuropeptones and Victoria’s Secret Police*  
Mayfair Ballroom  
Crystal Ballroom