



**Division of Clinical Neuroscience
and Behavior Research/NIDA**

**Prescription Opioid and
Pain Workgroup/NIDA**

NIH Pain Consortium

fMRI-based Biomarkers for Clinical Pain and Analgesia

*NIDA Conference Room 3101
NIH Neuroscience Building, 6001 Executive Blvd,
Rockville, Maryland 20892*

**1:30 – 4:00 p.m.
Thursday, June 27, 2013**

Objective: The use of opioid analgesics for pain management has increased dramatically over the past decade, with corresponding increases in negative sequelae including overdose and death. Well-validated objective measures are needed to accurately identify good candidates for opioid treatment prior to initiating therapy. Such patients would be a) likely to respond positively to opioids, and b) have minimal side-effects and abuse risk. Several recent publications have proposed the concept and significance of using fMRI-based brain signature patterns as promising biomarkers for pain. Pursuing this area warrants a systematic analysis of issues/obstacles that must be conducted before fMRI-based biomarkers can be used in large-scale clinical trials and clinical practice. This workshop will include a brainstorming session with the panel and audience about the potential for transforming fMRI maps and functional connectivity into objective and quantitative assessments of clinical pain and analgesia. The directions that are most likely to be productive in this area will be discussed.

Speakers:

Tor D. Wager Ph.D.
The University of Colorado, Boulder
fMRI-based Biomarkers for Multiple Components of Pain

Vania Apkarian, Ph.D.
Northwest University
Brain biomarkers for transition to chronic pain and for predicting placebo responders

Sean Mackey, M.D.
Stanford University
Topic to be determined

To join the event online

Topic: fMRI-based Biomarkers for Clinical Pain and Analgesia

Date and Time:

Thursday, June 27, 2013 1:15 pm, Eastern Daylight Time (New York, GMT-04:00)

Event password: Success1

1. At least 30 minutes before the starting time, you need to test your computer readiness for the event
2. Go to <https://nida-events.webex.com/nida-events/onstage/g.php?d=661616226&t=a>
3. Before you log in the event, please use the [click here](#) link at the bottom of the logon page to make sure that you have the appropriate players to view UCF (Universal Communications Format) rich media files in the event.
4. Fill in your first and last name, email address, and the event password (listed above).
5. Click "Join Now".
6. To listen, you must use the teleconference function: Phone: 877-728-1491 // Participant code: 4658386#

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