

FOR IMMEDIATE RELEASE

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***** NEWS ADVISORY *****

NIDA Mini-Convention: Frontiers in Addiction Research

Society for Neuroscience satellite meeting explores innovative brain science, including dynamic chemical communications; stunning imaging technologies; drug use and brain toxicity and the therapeutic potential of RNA

What: The National Institute on Drug Abuse (NIDA), part of the National Institutes of Health, will host its annual one-day [mini-convention](#), a satellite event of the [Society for Neuroscience annual meeting](#). NIDA-supported scientists will present recent findings and discuss future directions in neuroscience and addiction research.



Why: To bring together scientists from around the world to explore the latest research in the field of addiction neuroscience.

When: Friday, November 14, 2014
8 a.m. – 5:50 p.m.

Where: Natcher Auditorium (Building 45)
National Institutes of Health Campus
9000 Rockville Pike
Bethesda, Md.

Media Registration is Free. Please email cdudevoir@seiservices.com. Badges can be picked up at the registration desk. Information about entering the NIH campus, parking, and shuttles can be found at: www.seiservices.com/nida/frontiers2014/Logistics.aspx.

Event Highlights:

- **Emerging and Novel Aspects of Neuronal Transmission** – an exploration of how a neuron does not release a single, or necessarily the same, neurotransmitter throughout development -- and implications for drug use and addiction.
- **Extracellular RNAs in Neuroscience: Biology, Biomarkers, and Therapeutics** – a broad introduction into the basic biology of extracellular, non-coding RNAs and their potential as biomarkers and therapeutic delivery agents.

- **Advances in High Resolution and Large Scale Imaging of Brain Networks and Circuits** – describes cutting edge imaging technologies to understand the functions of brain circuits and networks.
- **The Effect of Drug-, Stress-, and Pain-induced Neuroinflammation on Glymphatics and Sleep** – explores how pain, stress, and drug use can cause or worsen inflammation of brain tissue, which affects sleep, and can eventually impair glymphatics - the cleansing of harmful toxins from the brain during sleep.
- **Drug Abuse and Neuroscience Research Poster Session** - an opportunity for early career investigators to discuss their research findings and interests with NIDA staff, training directors, and other drug abuse researchers.
- **Keynote Presentations of the 2013 and 2014 Society for Neuroscience Jacob P. Waletzky Memorial Award Winners** – lectures from scientists recognized by NIDA for innovative research on substance use or addiction. Past-year awardees can be found here: <http://www.sfn.org/Awards-and-Funding/Individual-Prizes-and-Fellowships/Outstanding-Research-and-Career-Awards/Jacob-P-Waletzky-Award#tabs-3>.

For more information on the NIDA Mini-Convention, go to www.seiservices.com/nida/frontiers2014. For more information on the Society for Neuroscience Annual Meeting, please visit www.sfn.org/annual-meeting/neuroscience-2014.

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The National Institute on Drug Abuse is a component of the National Institutes of Health, U.S. Department of Health and Human Services. NIDA supports most of the world's research on the health aspects of drug abuse and addiction. The Institute carries out a large variety of programs to inform policy and improve practice. Fact sheets on the health effects of drugs of abuse and information on NIDA research and other activities can be found on the NIDA home page at www.drugabuse.gov. To order publications in English or Spanish, call NIDA's DrugPubs research dissemination center at 1-877-NIDA-NIH or 240-645-0228 (TDD) or fax or email requests to 240-645-0227 or drugpubs@nida.nih.gov. Online ordering is available at <http://drugpubs.drugabuse.gov>. NIDA's media guide can be found at <http://drugabuse.gov/mediaguide/>.

About the National Institutes of Health (NIH): NIH, the nation's medical research agency, includes 27 Institutes and Centers and is a component of the U.S. Department of Health and Human Services. NIH is the primary federal agency conducting and supporting basic, clinical, and translational medical research, and is investigating the causes, treatments, and cures for both common and rare diseases. For more information about NIH and its programs, visit www.nih.gov.