The Center for Systems Neurogenetics of Addiction
The Jackson Laboratory, Bar Harbor, ME
2019 Call for Pilot Project Applications

The Center for Neurogenetics of Addiction (CSNA) seeks to identify the biological relationships between the predisposition and patterns of addictive behavior and the genetic mechanisms that may regulate these processes.

The CSNA is now requesting proposals for pilot projects to be initiated during the 2019 budget year. *CSNA pilot awards are intended to support projects that integrate with the overall goals of the CSNA and will provide data for publication or preliminary data for new extramural grants.*

The aim of this call is to provide collaborative support for investigators through the development of new partnerships with the CSNA, new technology/technique development, and new behavioral or neurobiological paradigms related to systems genetics of addiction.

Applications will be reviewed by the CSNA Internal and External Advisory Boards. Applicants must discuss their proposal with either a CSNA project PI, Core PI, or Director before submitting their application to ensure the project aligns with the goals of the Center. (Contact Information for all PIs can be found at jax.org/csna)

Priority areas for funding:

1. Cross-species translational studies that emphasize bidirectional cross-species genetics in psychostimulants.
2. Studies that improve upon the current genomics tools being used in the neurobehavioral research community.
3. The creation of epigenetic data resources using the CC, DO, and Founder mouse lines to interpret mechanisms and variance in addiction.
4. New computational methods and projects designed to exploit the current CSNA data sets and resources.
5. Changes in neurobiology in response to psychostimulants using genetic diversity as a discovery tool.
6. Imaging and electrophysiological studies that expand the CSNA data into mechanistic actions.

Eligibility: All basic, translational, or clinical investigators located at institutions within the United States (including those already affiliated with the CSNA) who are eligible to apply as a Principal Investigator for NIH grants, including Project Scientists, postdoctoral fellows, and graduate students. Early stage investigators and investigators who are new to the field are especially encouraged to apply.

Application Procedure: Proposals must include a current NIH biographical sketch for each participating investigator. Deadline date for receipt, at the below email address, is **May 31, 2019 by 11:59pm**. Applications will be discussed at the June 2019 CSNA Advisory Board Meeting and funded applicants will be notified by June 30th. Submitted proposals must use the following research plan format:

Please send one PDF of the completed submission, including biosketches, by the 4/30/19 deadline to the Program Manager (contact information below).

5 page maximum length, not including references, biosketch,

1. NIH format biosketch
2. Abstract
3. Background and Significance
4. Specific Aims and Hypothesis
5. Scientific Plan
6. Project Timeline (1 year)
7. Publication and Follow-on Funding Submission plans including expected timeframes for these results.
8. Expected needs for core utilization including behavioral assays, mice and data analysis at JAX
9. Budget justification ($50,000 Total costs, no PI salaries allowed. Mouse purchases should be routed through the CSNA Mouse Resources and Validation Core PI or Behavioral Phenotyping Core PI)
10. References

Further information including a full description of the CSNA Pilot Program can be found by visiting the website (jax.org/csna). Additional queries can be directed here:

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