What do you ASPIRE to?

Are you interested in developing novel solutions to the opioid crisis?

Announcing A Specialized Platform for Innovative Research Exploration (ASPIRE) Design Challenges for Translational Innovation in Pain, Opioid Use Disorder and Overdose

Challenge 4: Biological Assays

Learn more about this Challenge to design biological assays that will revolutionize the discovery, development and pre-clinical testing of next-generation analgesics to treat pain and new treatments for opioid use disorder and overdose.


- Up to five winners will each receive $100,000.
- Explore other Challenges around novel chemistries, data-mining, and analysis tools and technologies.
- Email questions to NCATSASPIREChallenge@mail.nih.gov.
- Join the conversation on social media using #NCATSASPIRE.

These Challenges, led by the National Center for Advancing Translational Sciences (NCATS), National Institutes of Health (NIH), are a component of the NIH HEAL (Helping to End Addiction Long-termSM) Initiative: https://www.nih.gov/heal-initiative. For more information on NCATS’ role in the NIH HEAL InitiativeSM, visit https://ncats.nih.gov/heal.