



Access Technology
Program

Indiana Clinical and Translational
Sciences Institute

SEMINAR

Indiana CTSI Access Technology Program

presents

“Binding Interactions in Solution: Microscale Thermophoresis (MST) Technology”

Speaker: Mariano G. Cardenas, PhD
NanoTemper, Inc.

Hosted by: Lan Chen, PhD
Chemical Genomics Facility
Purdue Institute for Drug Discovery

Friday, March 12
12:00 pm – 1:00 pm

Please register to receive the ZOOM meeting link:

[https://redcap.link/CTSI Technology Seminar](https://redcap.link/CTSI_Technology_Seminar)

Description: During this seminar you will learn about the benefits of MicroScale Thermophoresis (MST), an immobilization-free tool for quantitative analysis of molecular interactions using minimal sample volume. MST measures a broad range of binding affinities for many types of interactions by detecting changes in fluorescence intensity while a temperature gradient is applied over time. Different interaction measurements will be discussed that are possible with the Monolith NT instruments currently available at the Chemical Genomics Facility at Purdue Institute for Drug Discovery. Bring your questions for deciding on the best conditions to measure your interactions of interest.

Disclosure Summary

The Access Technology Program provides investigators access and guidance in using novel technologies and Core Services. Services and views presented belong solely to the vendor; they do not necessarily reflect the views of the Indiana CTSI, Indiana University, Purdue University or University of Notre Dame.