

MST Workshop at THSTI: An Opportunity to Measure Binding Affinities For Your Own Samples

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Translational Health Science and Technology Institute
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Agenda

- ▶ Introductory presentation of MST (MicroScale Thermophoresis)
- ▶ Guest Speaker Presentation
- ▶ Users discuss their samples with NanoTemper Specialists
- ▶ Experimental work on User Samples
- ▶ Experimental Analysis and Data Analysis
- ▶ Find solutions for difficult experiments



- ▶ **Dr Amit Jean Gupta**, Support Application Specialist from NanoTemper Technologies Germany has received his PhD from the Max Planck Institute of Biochemistry in Munich, working in the field of protein folding. For NanoTemper technologies, he is supporting users of Microscale Thermophoresis (MST) and nanoDSF in Europe.

MicroScale Thermophoresis Technology

- ▶ **Immobilisation** free Affinity Determination
- ▶ Buffer Independency: Including Serum or **Cell Lysate**
- ▶ Works with very small amounts and sensitive samples
- ▶ Enjoy perfect ease of use, Purification free measurements and get rid of maintenance downtime
- ▶ K_{ds} for all molecular weights from ions to ribosomes and from nM to mM binding affinities