

The NMI is a non-university and application-oriented research institute that makes scientific knowledge available to the business world

Organizer / Contact

NMI Natural and Medical Sciences Institute at the University of Tübingen

Dr. Anne Zeck

Phone: +49 7121 51 530 0

Email: anne.zeck@nmi.de

NanoTemper Technologies GmbH

Dr. Arpita Kundu

Flößergasse 4, 81369 München, Germany

Phone: +49 89 4522895-0

Email:

arpita.kundu@nanotempertech.com

www.nanotempertech.com

Workshop Registration



NMI Natural and Medical Sciences Institute at the University of Tübingen

Markwiesenstraße 55

72770 Reutlingen, Germany

Phone: +49 7121 51 530 0

info@nmi.de, www.nmi.de



The venue of the workshop:

NMI, Natural and Medical Sciences Institute
at the University of Tübingen, NMI
Markwiesenstraße 55
72770 Reutlingen, Germany

Driving with a GPS?

Then use the following address:
72127 Kusterdingen,
Markwiesenstraße 55

Workshop: nanoDSF and DLS for Protein Characterization

- including live instrument demonstration

June 5th 2024
NMI Innovationsforum,
Reutlingen



Workshop: nanoDSF and DLS for Protein Characterization

Bring your idea faster to the market - novel methods for the characterization of biotherapeutics.

The development of biopharmaceutical products from the idea up to the fully developed product is time-consuming and requires vast resources.

A major component in the development of therapeutic antibodies, enzymes or other biotechnologically produced proteins is the characterization of their functionality and stability.

A focused selection of potential candidate molecules in combination with an efficient production and formulation process followed by a quick and reliable QC are key of a successful product development.

Get informed at the workshop on novel technologies and approaches with the potential to reduce the time-to-market in your biotherapeutics and enzyme-screening development project.

Exchange practices and knowledge with users from research and industry. In addition, there is the chance to get an impression on the devices and possibilities of the evaluation software.



Workshop Programm

Wednesday, June 5th, 2024

9:00 Welcome registration

9:30 Introduction
Nicole Schneiderhan-Marra, NMI

9:40 nanoDSF and DLS introduction, basic principles of protein folding and stability
Dr. Arpita Kundu

10:00 NanoDSF as a screening tool for enzyme discovery and development
Prof. Dr. Wolf-Dieter Fessner

10:30 Live demonstration on Prometheus Panta

11:00 Coffee break

11:15 Data discussion

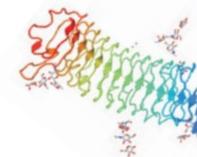
11:45 Application of NanoTemper methods at NMI
Dr. Anne Zeck

12:15 Lunch break & networking



**NANO
TEMPER**

NMI
Natural and Medical
Sciences Institute



13:30 **Speaker tbc**

14:00 "nanoDSF applications at our core facility."

Dr. Karine Lapouge

14:30 Measurement of biomolecular interaction with Spectral shift & MST

Dr. Marijke Jansma

14:50 Live demonstration on Monolith X

15:20 Coffee break

15:35 Data Discussion

16:00 Meet the experts: Open discussion round on how to best deal with your proteins.

We don't leave before every question is answered...

16:30 Lab tour NMI Bioanalytics

