



# Program

## Keynote Lectures

Experts from industry and academic research will deliver exciting and informative lectures covering the following topics:

- Introduction to multi-targeting drug discovery.
- Biochemical and cell based assay development and screening.
- Methods to analyse *in-vitro* biological assay data.
- Analysis of images from High Content Screening.

Full program to be announced on the MuTaLig Cost Action

Website: <http://www.mutalig.eu/training-schools/>

## Training Sessions

Participants will experience hands-on training sessions using experimental methods to provide a foundation for applying *in-vitro* approaches to design and discover multi-target ligands related to the mission of MuTaLig COST Action.

### Topics:

- General concepts for biochemical and cell-based assays.
- Screening of biochemical and cell based assays against a small molecule library (proof-of-concept screen).
- ADME-Tox assays (e.g. cell viability, apoptosis, cardiotoxicity and mitochondrial toxicity).

### Local Trainers

Sheraz Gul & Oliver Keminer (Fraunhofer-IME)

### Language

The official language of the Training School will be English. No simultaneous translation will be provided.

### Local Organizing Committee

Sheraz Gul (Fraunhofer-IME)  
Oliver Keminer (Fraunhofer-IME)

# Logistics

## Registration

Website: <http://www.mutalig.eu/training-schools/>

Inquiries: [Sheraz.Gul@ime.fraunhofer.de](mailto:Sheraz.Gul@ime.fraunhofer.de)

\*Limited places available. Register early using the registration form that will be published on the website.

## Transportation

From Hamburg International Airport: ([www.hamburg-airport.de](http://www.hamburg-airport.de))

**By S-Bahn Train (45 minutes):** take S1 train from airport to Hamburg Central Station (Hauptbahnhof). Change to S21 in the direction "Elbgaustrasse". Alight at "Eidelstedt", exit at Schnackenburgallee and turn left (there is only 1 exit). Continue along Schnackenburgallee for approximately 1 km. The Fraunhofer IME is on the left side opposite the football stadium. Cost €3.30 one-way.

[https://www.hvv.de/pdf/service/downloads/hvv\\_public\\_transport\\_2018.pdf](https://www.hvv.de/pdf/service/downloads/hvv_public_transport_2018.pdf)

**By Taxi (30 minutes):** The average cost is about €25.

## Venue

Fraunhofer-IME  
Schnackenburgallee 114  
D-22525 Hamburg, Germany

## Accessibility

S-Bahn Train: S1 & S21

