

# France Bioimaging Alsace node

## 2025 annual meeting

10/06/2025 Faculty of Pharmacy - Illkirch

**9.30 am** : welcome and coffee (Hall A)

**10.00 am** : General informations about FBI Alsace node (Yves Mely)

**10.45 am** : **keynote lecture** Winfried Roemer (Freiburg University)

How different microscopy techniques shed light on the interactions of bacterial lectins with host cell glycans in infection processes

**11.45 am** : news – platforms

- PIC-STRAS : FUS at the crossroads of the mains diseases
- PIQ-Quest : Towards 3D targeted single-particle tracking with upconverting nanoparticles

**12.30** : **lunch**

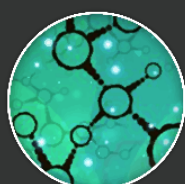
**2.00 pm** : news - research and development teams

- Rémi Pelletier : Fluorescent probes for biomembranes and organelles: from lipids to proteins
- Olivier Haeberlé : Recent developments in Tomographic Diffractive Microscopy : Multimodal imaging, 4Pi TDM, Hyperspectral TDM
- Loïc Charbonnière : Molecular Upconversion Nanoparticles for Live-Cell Imaging
- Hamideh Salehi : Raman microscopy
- Ludovic Richert : Characterization of Lipid nanoparticles by sp-SPAIN (single particle - spectral Point Accumulation for Imaging in Nanoscale Topography)

**4.15 pm** : news – platforms

- PIV : FLIM based microviscosity mapping in cells using the Leica Stellaris 8 Falcon
- ICI-Quest : New members, new equipment's and new perspectives

**5.00 pm** : roundtable at the « Kfet » of the faculty



FRANCE-BIOIMAGING