

# 224<sup>th</sup> iCeMS Seminar

May 15, 2025

13:30-15:00

Kyoto University KUIAS/iCeMS Main Building  
2F Seminar Room

## Prof Andrey S. Klymchenko

Laboratory of Bioimaging and Pathologies, UMR 7021  
CNRS, Faculty of Pharmacy, University of Strasbourg,  
Illkirch, France



### Fluorescent molecular and nanoscale probes for biosensing and bioimaging

Fluorescent probes are indispensable chemical tools for visualization of biological processes and detection of (bio)molecules. We develop families of molecular probes for imaging and sensing of biological membranes of cell surface and organelles, compatible with super-resolution imaging and long-term tracking. We also work on fluorescent lipid and polymer nanoparticles for sensing neurotransmitters and nucleic acids for point-of-care diagnostics.



More details are available at the iCeMS website:  
[www.icems.kyoto-u.ac.jp](http://www.icems.kyoto-u.ac.jp)

Contact iCeMS Furukawa Group: [furukawa-g@icems.kyoto-u.ac.jp](mailto:furukawa-g@icems.kyoto-u.ac.jp)  
Hosted by Kyoto University Institute for Integrated Cell-Material Sciences (iCeMS)

