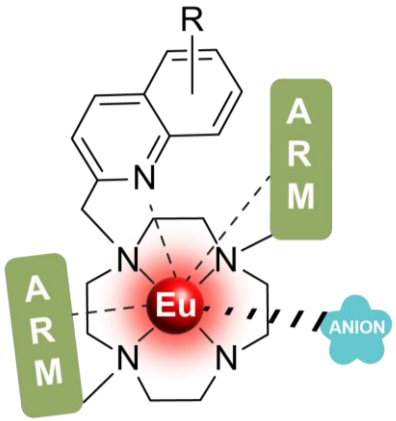
Short Term Scientific Mission funded by the COST Action CA22131

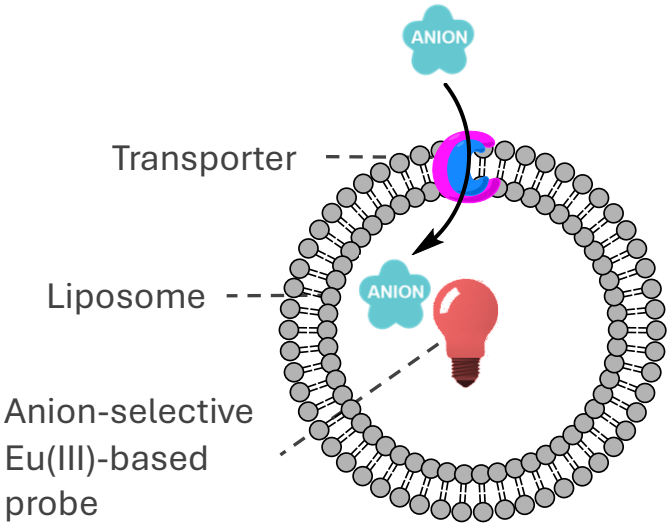
Supramolecular LUminescent Chemosensors for Environmental Security

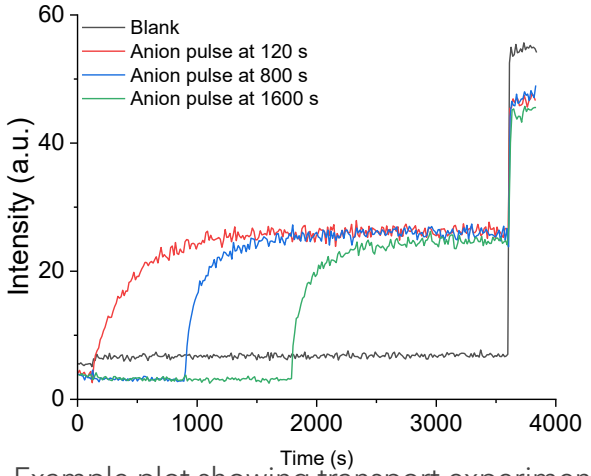
Validation of Hydrophilic Lanthanide Probes for Real-Time Transmembrane Phosphate Transport Assays

Aims:

- Incorporation of novel lanthanide probes with different selectivity profiles into liposomes
- Assessment of probes for the real-time monitoring of anion transport across liposomal membranes using different transporters, informing future probe and transporter design
- Further understanding of transport processes and interfering phenomena







Example plot showing transport experiment

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Period: 21.07.2026 to 22.08.2026

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