

Prof. Donal O'Shea (University College of Dublin, Ireland)

Jeudi 08 Juillet 2010 - 11h
Auditorium Daniel Chemla - Bâtiment IDA

"BF₂ - Chelated Tetraaryl- Azadipyrrromethenes as in vivo Fluorescent Imaging Probes"

We have recently developed the BF₂-chelated tetraaryl-azadipyrrromethenes **1** as a new class of visible red and near-IR fluorophore with medicinal and imaging applications. Several complimentary approaches have now been developed which allow for their covalent conjugation to biomolecules and nanoparticles. Illustrative examples will be presented which highlight their excellent promise for use as non-invasive real time fluorescent imaging probes.

