

## Formation for the doctoral School MTCI :

### « Optical methods in chemistry and their applications »

Room : R104, Faculté des Sciences Fondamentales et Biomédicales, 45 rue des st pères, Paris

#### Schedule

	Am	pm
Mercredi 10	<b>9h/12h00</b> <b>RAMON ALVAREZ PUEBLA</b> - Surface enhanced Raman scattering and plasmonic materials as sensors - Microfluidics	<b>14h00/17h00</b> <b>AMADEU LLEBARIA</b> - Photopharmacology - Using light and small molecules to control protein activity in vitro and in vivo
Mercredi 17	<b>9h00/12h00</b> <b>AMADEU LLEBARIA</b> - Covalent labelling of proteins - Chemical methods for protein modification. Use in endogenous proteins	<b>14h00/17h00</b> <b>RAMON ALVAREZ PUEBLA</b> -Diagnosis with optical methods
Mercredi 24	<b>9h00/12h00</b> <b>RAMON ALVAREZ PUEBLA</b> - How to extrapolate lab results into real life devices. Differences between concept development and real clinical practice.	<b>14h00/17h00</b> <b>AMADEU LLEBARIA</b> - Chemical Biology Approaches for Drug Target Deconvolution -Combining photopharmacology and covalent chemical ligation for target validation in vivo