



## Pr Pierre-Yves RENARD



Professor

Bioorganic team

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### PROFESSIONAL EXPERIENCES

- 2003- Organic chemistry professor University Rouen-Normandie (PrEx2 as from September 2019).
- 1994-2003 Junior scientist for French DoD procurement agency (DGA) & French Atomic Energy Commission (CEA) - Dr. Charles Mioskowski.- CEA Saclay, France.

### EDUCATION

- 2001 HdR University Paris-Sud Orsay, France
- 1990-2004 Ph.D. Organic Chemistry, University Paris-Sud Orsay (Supervisor : Pr. Jean-Yves Lallemand – DCSO Ecole Polytechnique), France
- 1989-1990 M.S. Organic Chemistry, University Paris-Sud Orsay, France.
- 1986-1989 Ecole Polytechnique, Palaiseau, France

### ADMINISTRATIVE & INSTITUTIONAL RESPONSIBILITIES

- 2019- Director, UMR 6014 CNRS COBRA
- 2019- Head of XL-Chem graduate school for research
- 2013-2019 Vice-dean for research. Faculty for Sciences and techniques University of Rouen
- 2012-2019 Member of CoNRS – chemical biology section (section 16)
- 2008-2020 Director/deputy director of Normandy Chemistry Doctoral school.
- 2003-2019 Head of bioorganic chemistry team UMR 6014 CNRS COBRA.

### RESEARCH INTERESTS

**Chemical biology** : design and synthesis of chemical tools for the study of biomolecules, Bioconjugate chemistry, organic fluorophores chemistry, (photo)-crosslinkers for proteomics, chemiluminescence, molecular imaging probes (optics, PET). Toxins synthesis and detection (immunoassays).

**Medicinal chemistry** : Medical countermeasures and (bio)-scavengers of chemical warfare agents. Organophosphorus nerve agents & Cholinesterases. Target guided synthesis and Multi-target directed ligands.

## SCIENTIFIC ACHIEVEMENTS

### **Academic record (h-index: 32)**

155 publications, 1 book chapter, 12 patents, 29 invited lectures (academia & industry)

### **Selected prizes and awards**

2006-2011 IUF Junior member (chemical biology chair)