

Xavier PANNECOUCKE
Professeur at INSA of Rouen

50 years old
Married, 3 child.



TITLES and DIPLOMAS

Habilitation à Diriger des Recherches (Habilitation to supervise PhD Thesis)

Defended at the University of Rouen, April 24th, 2002.

President of the Jury : Pr. J.-C. QUIRION. Members of the jury : Dr. F. AGBOSSOU, Pr. J.-M. BEAU, Pr. P. LEROUGE, Dr. C. MIOSKOWSKI.

PhD in Organic Chemistry with honours

Defended at University Louis Pasteur-Strasbourg, September 24th, 1993,

Title: "Synthesis of mixed phosphodiester oxisterol-carbohydrate for a cellular targeting approach. Physicochemical studies of oxisterol-membrane interactions".

PhD supervisor: Dr. B. LUU, Président of the Jury : Pr. G. OURISSON.

WORK EXPERIENCES

- 1990-1993: PhD, Dr B. Luu & Prof. G. Ourisson, Centre de Neurochimie, Strasbourg, France.
- 6-1994 to 6-1995: 1st Post-doctoral position, Prof. K. Narasaka laboratory, The University of Tokyo, Japan.
- 07-1995 to 08-1996: 2nd Post-doctoral position, Pr. S.V. Ley laboratory, University of Cambridge, GB. (Synthesis of complex oligosaccharides)
- 9-1996 to 11-2003: Maître de Conférences equivalent to assistant professor, University of Rouen (Asymmetric synthesis, alkaloid, synthesis of ligand for asymmetric catalysis)
- From december 2003: Professeur des Universités equivalent to full professor at the INSA of Rouen. Leader of the research team « synthesis of fluorinated biomolecules », Director laboratory C.O.B.R.A.

PRESENT RESEARCH INTEREST

Synthesis of fluorinated biomolecules:

- Peptidomimetic : fluorinated olefins as peptidic bond surrogate
- Non hydrolysable glycoconjugates
- Asymmetric synthesis of small fluorinated synthons or molecules.

SCIENTIFIC ACTIVITIES

Three patents, Three book chapters, 142 research articles in international journals (7 Angew. Chem., 12 Chem. Eur. J., 13 Org. Lett., 3 Chem. Commun., 13 J. Org. Chem., 1 ACS Catal., 1 Adv. Synth. Cat., 1 Catal. Sci. Technol., 1 ChemBioChem, 18 Eur. J. Org. Chem, 6 Org. Biomol. Chem., 1 RSC Adv., 2 Org. Chem. Front., 13 Tetrahedron, 3 Tet Asym., 11 Tet Lett., 6 Synthesis, 7 Synlett, 1 Bioorg. Med. Chem. Lett....) and 44 invited lectures.

ADMINISTRATION OF SCIENCE

- Director (January 2011-present) of the laboratory COBRA (Organic and Bioorganic Chemistry ; Reactivity and Analysis), UMR-CNRS-6014. Laboratory specialized in organic synthesis and spectroscopy, with 85 permanent staffs and more than 85 PhD and post-doctoral fellows.
- Coordinator of the Laboratory of Excellence SynOrg (Organic Synthesis: From molecule to Life Sciences; 8 millions €, 2012-2020).
- Coordinator of the Normand regional network CBSB (New technologies in Chemistry and biology for Health and wellness), one of the five strategic axes of the COMUe Normandie-Université.