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EDUCATION

Habilitation (Higher Doctoral Thesis), Université de Reims, France, 03/2002.

PhD Thesis, Organic Chemistry, Université Catholique de Louvain, Belgium, "Synthesis and reactivity of 3-trifluoroacetylactams" (Supervisor: Pr. H.G. Viehe), 03/1194.

DEA de Chimie Organique (Master), Université Catholique de Louvain, Belgium, 06/1989.

PROFESSIONAL EXPERIENCE

From 09/2004: **Professor in Organic Chemistry**, Rouen University, France.

1996-2004: **CNRS researcher in Organic Chemistry**, UMR 6519, Université de Reims Champagne, France, Laboratory: Pr. C. Portella: synthesis and reactivity of bis(acylsilanes), mixed fluorine and silicon or sulfur chemistry.

1995-1996: **2nd Postdoctoral position**, Université Joseph Fourier, France, Laboratory: Dr. A. Greene; "Total synthesis of Camptothecin".

1994-1995: **1st Postdoctoral position**, Institut de Chimie des Substances Naturelles, CNRS, France, Laboratory: Pr. P. Potier, Dr. J. Zhu: "Total synthesis of Vancomycine derivatives".

CURRENT MAIN RESEARCH TOPICS

- Development of new fluorinated building blocks (perfluoroketene dithioacetals, γ -keto-thioesters) and new methodologies in Organofluorine Chemistry (Diels-Alder reactions, 1,3-dipolar cycloadditions, introduction of CF₃ or SF₅ substituent into carbocycles and heterocycles).

- Synthesis of fluorinated heterocycles and their applications in Medicinal Chemistry:

- *Synthesis of mixed aminoquinolines γ -lactams and evaluation as antimalarial agents* (Dr. M. Médebielle, Lyon). PCT WO n° 0132, 02/01/2011, ANR-11-EMMA-04-QUINOLAC.
- *Synthesis of pyridazino[3,4-c]quinolines and -isoquinolines as ligands of 5-HT₄ serotonergic receptors for the treatment of Alzheimer disease* (Pr. F. Fabis, Caen).
- *Synthesis de CF₃-pyridazin-3-ones as phosphodiesterase PDE₄ inhibitors for Asthma treatment* (Dr. S. Gérard, Reims).

INTERNATIONAL COLLABORATION

- Institute of Organic Chemistry, Kiev, Ukraine: Synthesis of fluorinated « building blocks » and their applications. 12 publications, 2 international research agreements.
- Masaryk University, Brno, Czech Republic: Synthesis of three fusionned five-membered rings via criss cross cycloaddition reactions. 5 publications, 2 Erasmus agreements.

SCIENTIFIC PRODUCTION and PhD SUPERVISION

110 Publications in international journals, 2 patents, 35 Lectures in France or abroad.

Supervisor of 13 PhD thesis (3 in progress), 8 Postdoctoral fellows.

SELECTED PUBLICATIONS

K. Rousée, J.-P. Bouillon, S. Couve-Bonnaire, X. Pannecoucke, *Org. Lett.*, 18, 540 (2016).

D. Cornut, H. Lemoine, O. Kanishchev, E. Okada, F. Albrieux, A. H. Beavogui, A.-L. Bienvenu, S. Picot, J.-P. Bouillon, M. Medebielle, *J. Med. Chem.*, 56, 73 (2013).