



Dr Cyril PAPAMICAEL

Associate Professor

Heterocyclic Chemistry team

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PROFESSIONAL EXPERIENCES

- 09/2001- Associate Professor at INSA Rouen Normandy / UMR CNRS COBRA 6014, France.
- 2000-2001 Temporary Teaching and Research Associate ATER (8 months) at INSA Rouen Normandy / UMR CNRS COBRA 6014
- 1999-2000 Postdoctoral position at the University of Oxford (UK, 24 months); Advisor: Prof. J.E. Baldwin and Prof C.J. Schofield.
- 1997-1998 Postdoctoral position at the University of Fribourg (Switzerland, 20 months); Advisor: Prof. A. Gossauer

EDUCATION

- 1993-1997 Ph.D. Organic Chemistry, INSA Rouen, France.
- 1993 M.S. Organic Chemistry, University of Rouen, France.
Degree in engineering, INSA Rouen, France.

ADMINISTRATIVE & INSTITUTIONAL RESPONSIBILITIES

- 2009-2017 Elected member of the scientific council of the INSA of Rouen Normandy.
- 2009-2012 Director of studies at INSA Rouen in the Chemistry department (pedagogical model, time schedule).
In charge of the fine chemistry course/option in the Chemistry department in 5th year (M2 level)
Member of the quality commission at the INSA of Rouen
Quality correspondent for the chemistry department
Correspondent and member of the Trade Commission (CMEC) at the INSA of Rouen
Head of study projects (level M1)
Correspondent joint degree with the University of Würzburg (Germany)
Organization of weeks of conferences and visits to industrial sites in the chemistry department
- 2001-2006 Member of the Health and Safety Committee of INSA Rouen (2001-2006)
Representative of the Chemistry Department at INRS (2001-2004)

2003-2005 Director of studies at the INSA of Rouen in the Chemistry department (pedagogical model, time schedule, implementation of a quality approach in the department...)

RESEARCH INTERESTS

Chemical development for medical imaging
Synthesis and vectorization of drugs through the blood-brain barrier

PUBLICATIONS

5 representative articles

- [1] Bioorg. Med. Chem., 2013, 21(13), 3680-3688.
Y. Joyard, P. Bohn, R. Azzouz, L. Bischoff, C. Papamicaël, D. Labar, A. Bol, P. Vera, V. Grégoire, V. Levacher. Synthesis of new ¹⁸F-radiolabeled silicon-based nitroimidazole compounds. DOI : 10.1016/j.bmc.2013.04.029
- [2] Bioorg. Med. Chem. Lett., 2013, 23(13), 3704-2708.
Y. Joyard, V. Le Joncour, H. Castel, C. Bounana Diouf, L. Bischoff, C. Papamicaël, V. Levacher, P. Vera, P. Bohn. Synthesis and biological evaluation of a novel ^{99m}Tc labeled 2-nitroimidazole derivative as a potential agent for imaging tumor hypoxia. DOI : 10.1016/j.bmcl.2013.05.015
- [3] Eur. J. Med. Chem., 2014, 81, 218-226.
M.-L. Tintas, L. Foucout, S. Petit, S. Oudeyer, F. Gourand, L. Barré, C. Papamicaël, V. Levacher. New developments in redox chemical delivery systems by means of 1,4-dihydroquinoline based targetor : Application to galantamine delivery to the brain. DOI : 10.1016/j.ejmech.2014.05.022
- [4] J. Org. Chem., 2015, 80, 6537-6544.
A. Barré, M.-L. Tintas, F. Alix, V. Gembus, C. Papamicaël, V. Levacher. Palladium-catalyzed carbonylation of (hetero)aryl, alkenyl and allyl halides by means of N-hydroxysuccinimidyl formate as CO surrogate. DOI : 10.1021/acs.joc.5b01119
- [5] ACS Chemical Neuroscience, 2015, 6, 737-744.
P. Bohn, F. Gourand, C. Papamicaël, M. Ibazizène, M. Dhilly, V. Gembus, F. Alix, M.-L. Tintas, F. Marsais, L. Barré, V. Levacher. Dihydroquinoline carbamate derivatives as « bio-oxidisable » prodrugs for brain delivery of acetylcholinesterase inhibitors: [¹¹C] radiosynthesis and biological evaluation. DOI : 10.1021/cn5003539