



Dr Alexandra LE FOLL



Operational Manager of C2I OrgA
Research engineer, Heterocycles Team

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PROFESSIONAL EXPERIENCES

- 2012- Research engineer ; INSA Rouen Normandy, France.
06 – 10 / 2012 Postdoctoral Associate with Dr V. Levacher (COBRA) and V. Wiatz (Roquette Freres), France.
2010-2012 Postdoctoral Associate with Pr. F. Marsais and Dr V. Levacher (COBRA) and J. P. Lecouvé (ORIL Industrie)

EDUCATION

- 2003-2007 Ph.D. in Organic Chemistry (CIFRE) INSA Rouen Normandie / POLYINTELL, France.
2005-2006 M.Sc. in Organic and Analytic Chemistry, Orléans University, France.

ADMINISTRATIVE & INSTITUTIONAL RESPONSIBILITIES

- 2020- CNRS focal point for Knowledge Transfer of COBRA Laboratory
2020- Member of Gender-based and sexual violence committee of INSA Rouen Normandie
2018- Member of Supervisory Board of IDECHEM joint laboratory (ORIL Industrie / COBRA)
Expert MESRI ITRF BAP B
Elected member Technical Committees et Joint Committee of INSA Rouen Normandie
2017- Operational manager of C2I OrgA
2017 – 2018 Operational manager of Tremplin Carnot I2C
2016 – 2020 Operational manager of Carnot I2C – Synthesis department
2012- Technical manager of Synthesis Dpt of C2I OrgA
2008-2018 Member of the council of CNRS – COBRA Laboratory

RESEARCH INTERESTS

Asymmetric synthesis ; Organocatalysis ; Glycochemistry ; Molecularly Imprinted Polymers ; Applied Research for industrial purposes

SCIENTIFIC ACHIEVEMENTS

Academic record : 3 publications, 1 patent

Exemples d'autres rubriques possibles (sans restriction de place)

SUPERVISION ACTIVITIES

Thesis : 1

Post-Doctoral Associates : 2

Master Students : 2

C2I OrgA platform : 14 Research Support Staff and more particularly for Synthesis Dpt (4 people)

TEACHING ACTIVITIES

INSA Rouen Normandie, STPI Department: Practical work in General and Organic Chemistry

PUBLICATIONS

"Hydrozirconation / Bromination, followed by a Michaelis-Arbuzov Reaction, as a Convenient Approach Towards Polyfunctional Glycosylphosphonates" A. Joosten, F. Heis, M. Gavel, V. Chassagne, A. Le Foll, K. Mébarki, E. Galienne, O. Martin, T. Lecourt* *Carbohydrate Research* **2020**, 499, 108228 (DOI : 10.1016/j.carres.2020.108228)

"Base-Assisted Intramolecular C-N Coupling Reaction from NH₂-Bound Cyclopalladated L-Phenylalanine to Indoline-2-carboxylic Acid" A. Jacquin-Labarre, S. Coufourier, R. Tamion, A. Le Foll, V. Levacher, C. Afonso, V. Gandon, G. Journot*, J.-F. Briere*, C. Hoarau* *Organometallics* **2020** 39(5) 767-773 (DOI : 10.1021/acs.organomet.0c00030)

"A Meldrum's Acid Based Multicomponent Synthesis of N-Fmoc-isoxazolidin-5-ones : Entry to N-Fmoc- β -amino Acids" A. Le Foll Devaux, E. Deau, E. Corrot, L. Bischoff, V. Levacher, J.-F. Brière* *Eur. J. Org. Chem.* **2017** 22 3265-3273 (DOI: 10.1002/ejoc.201700472)

"Kit Useful for Detecting, Separating and/or Characterizing A Molecule Of Interest" A. Le Foll, V. Levacher, C. Pérollier, S. Bayouhdh, K.Naraghi **2010** : WO2010029504 and FR293580