

COUVE-BONNAIRE Samuel

Date of birth: 23/01/1976. Married life, three children.

Maître de Conférences (Assistant Professor) at INSA Rouen (Institut National des Sciences Appliquées of Rouen) – COBRA Laboratory.

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**FORMATION**

- 2012: **Habilitation à Diriger des Recherches** (Habilitation to supervise PhD thesis)
- 1998-2001: **PhD in Organic Chemistry** defended at the USTL (University of Lille I). Laboratory of catalysis. Supervisor : Pr. A. Mortreux, Pr. Y. Castanet and Pr. J.-F. Carpentier. Subject: « Synthesis of fonctionalized pydinic derivatives – ketones, ketoamides and ketoesters - via carbonylation reactions ».
- 1997-1998: **DEA in Organic and Macromolecular Chemistry**, with mention (rank 1). USTL.

SCIENTIFIC EXPERIENCES

- Since february 2005: **Maître de Conférences (Assistant Professor) at INSA Rouen**. Team : Fluorinated Biomolecules Synthesis – COBRA Laboratory (*UMR CNRS 6014*) – *INSA Rouen*. **Research interests: Peptidomimetics and Fluorinated Pseudopeptides; Organometallic Chemistry (C-H activation, cross-coupling, Metathesis of fluoroalkenes...).**
- 12/2003-01/2005: **Post-Doctoral fellow with SANOFI-AVENTIS**. *UMR CNRS 6014*.
- 01/2002-09/2003: **Post-Doctoral fellow with Pr. P. Arya**. *National Research Council of Canada – Steacie Institute for Molecular Sciences*. Subject: « The development of a stereoselective solid-phase method leading to high throughput synthesis of natural product-like polycyclic derivatives ».

PUBLICATIONS & COMMUNICATIONS

Author and co-authors of 43 research articles in international journals (3 *Angew. Chem.*, 2 *Chem. Eur. J.*, 5 *Org. Lett.*, 1 *ACS Catal.*...); h-index = 18. Selected recent publications: *Angew. Chem. Int. Ed.* **2013**, 52, 3246-3249; *ACS Catal.* **2014**, 4, 2374-2378; *Chem. Eur. J.* **2014**, 20, 15000-15004; *Org. Lett.* **2016**, 18, 540-543; *Org. Lett.* **2016**, 18, 3606-3609; *Chem. Commun.* **2017**, 53, 2048-2051.

12 oral communications; More than 70 other communications (posters...).

OTHER FUNCTIONS / MISCELLANEOUS

- **Academic Director of Internships and Departures** for the Chemistry Department of INSA ROUEN since 2009.
- **Elected Member for six years at the office of GFPP** (French Group of Peptides and Proteins) since 2013. Vice-president between 2013 and 2015. Co-organisator of the GFPP congress in 2015 (about 200 participants).
- **Supervision** of 10 post-doctoral fellows, 11 PhD, 10 Master II and other interns.
- Labex SynOrg research grant (ANR-11-LABX-0029) for 2013-2016; Crunch Research grants (2007-2010; 2012-2015).