



Dr Samir BOUZBOUZ



CNRS Researcher (HDR)

Fluorinated Biomolecules Synthesis Team

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PROFESSIONAL EXPERIENCES

- 2001- Researcher (HDR) at CNRS, France.
- 1998-2001 Researcher at ESPCI, France
- 1997-1998 Postdoctoral Associate; Advisor: Prof. Stephen Hanessian University of Montreal, Montreal, Canada
- 1994-1997 Postdoctoral Associate; Advisor: Prof. Janine Cossy, ESPCI Paris, France
- 1993-1994 Teaching and research associate (ATER) Nantes University, France

EDUCATION

- 1991-1994 PhD in Organic Synthesis; Advisor: Dr Bernard Kirschleger and Co-advisor: Pr Jean Villieras, Nantes University, France.
- 1990-1991 DEA Organic Chemistry, University of Nantes, France

ADMINISTRATIVE & INSTITUTIONAL RESPONSIBILITIES

- 2019- Full member and Secretary of the Regional Committee for Health, Safety and Working Conditions (CRHSCT) of CNRS Normandy DR19
- 2015-2019 Full member of the National Council for Higher Education and Research (CNESER) and of its Standing Committee.
- 2015-2019 Full member and deputy secretary of the Central Committee for Health, Safety and Working Conditions (CCHSCT) of CNRS

RESEARCH INTERESTS

Development of eco-efficient catalytic synthesis methodologies in water (green chemistry) using tandem cascade processes (orthogonal tandem catalysis COT). Development of catalytic sequences in mono and bimetallic mode in water and application to the synthesis of molecules of medicinal interests. Development of asymmetric synthesis methodologies through the study of the concept of chirality transfer in water for access to new chiral derivatives of synthetic interests.

SCIENTIFIC ACHIEVEMENTS

Academic record (h-index: 21)

60 publications, 2 patents, 1 book chapter, 1 article in **Chemical & Engineering News**

SUPERVISION ACTIVITIES

During my career, I supervised **8** (DEA + M2) students, **6** PhD students (3 in co-supervision and 3 as thesis director), **5** Post-Doc researchers and **7** research trainee students from various schools (Ecole Polytechnique, ESPCI, ENS, Boston College USA).

GRANTS AND FELLOWSHIPS

2011-2014 European Regional Economic Development Fund (FEDER) "ACRYLAMIDE" Convention N ° 35476; "Support from FEDER funds" Chemistry of acrylamides.

TEACHING ACTIVITIES

1993–1994 ATER Organic Chemistry in DEUG A2 and B2 and CAPES: 96h
1994–1997 and 2000–2001: Organic Chemistry 2nd year, ESPCI: 323h
2012–2014 Course at the Pro Master of the University of Rouen (8 hours of lessons + exam)
2010– Chemistry of oxidation-reduction INSA of ROUEN: 144h (tutorial) + exam

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2020- Member of GIS-Fluor

PUBLICATIONS