



Sebastien ALAZET, PhD

Researcher in Organic Chemistry

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h-factor : 8 (11.10.2016), 345 total citations

Research experience in a variety of industrial and academic environments including fundamental and applied research for bioactive compound.

Key words : Fluorine chemistry, new methodology, total synthesis, organic and organometallic chemistry...

Research Experience

- March 2017* - *March 2016* **Postdoctoral research scientist in organic chemistry.** (Lausanne – Switzerland)
Ecole Polytechnique Fédérale de Lausanne - Institute of Chemical Sciences and Engineering.
Supervisor: Prof. Jérôme Waser. Project: New reactivity with hypervalent iodine reagents.
- Dec. 2015* - *Oct. 2015* **Temporary chemist researcher in organic and radiochemistry** at CERMEP. (Bron – France)
Project: Synthesis and production of high added value ¹⁸F radioligands for animal testing.
- Oct. 2015* - *Oct. 2012* **PhD in chemistry at University of Lyon 1 and CNRS.** (Lyon – France)
UMR 5246 - Institut de Chimie et Biochimie Moléculaires et Supramoléculaires.
Supervisor: Dr. Thierry Billard. Project: Reaction of trifluoromethylthiolation and synthesis radiolabeling of potential radiotracers for medicinal imaging.
- July 2012* - *Feb. 2012* **Training period in organic chemistry with Prof. Donald Craig.** (London – UK)
The Imperial College London – Chem. Dept. Project: Total synthesis of the morphine alkaloids.
- August 2011* - *April 2011* **Internship of organic synthesis at Syngenta Crop Protection.** (Stein – Switzerland)
Project: Synthesis of new fungicide molecules and total synthesis of Hamacanthins A.
- Oct. 2010* - *Oct. 2009* **Sandwich course in organic chemistry at L'Oréal R&D.** (Aulnay sous bois – France)
Project: Synthesis of heterocyclic precursor in oxidative capillary coloration.
- August 2009* - *April 2009* **Internship in medicinal chemistry at Addex Pharmaceuticals.** (Genève – Switzerland)
Project: Synthesis of pyrido-pyridazinone derivatives - therapeutic potential in the CNS.



ÉCOLE POLYTECHNIQUE
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imagerie du vivant



Teaching experience

- Dec. 2015* - *Oct. 2015* **Temporary teaching assistant position at CPE Lyon (France)**
Chemical Engineering School.
Practical course in organic chemistry (3CGP). 44h.
Supervise and instruct, students in organic chemistry techniques.
- Oct. 2015* - *Oct. 2012* **Contractual teaching assistant position at University of Lyon 1 (France).**
Tutorial classes and practical courses in undergraduate program in organic chemistry. 196h
Supervise and assist students with multi-step synthesis of compounds, designed to teach general laboratory techniques.



Education

- Oct. 2015* **PhD in organic chemistry**, Chemistry Department, University of Lyon 1 (France).
Funding: French Ministry of Higher Education and Research.
- June. 2012* **Master Degree of organic chemistry**, Chemistry Department, University of Lyon 1 (France).
Specialized in organic synthesis and bio-active molecule chemistry
- Oct. 2010* **Licence's degree work/study program in organic and bio-organic chemistry** at IUT Orsay
University of Paris Sud. A three-year university degree organized in a sandwich training course specialized in chemical and pharmaceutical industry. (France).
- June 2009* **Two year undergraduate degree in chemistry (DUT)**, University Paul Sabatier,
IUT Castres (France).



