

# BRACHET Etienne PhD

34 years old

Adresse professionnelle

Faculté de Pharmacie de Paris

4, avenue de l'observatoire, case 26,

75270 Paris cedex 06

Tel : +33170649448

+33672188405

e-mail : [ebrachet@gmail.com](mailto:ebrachet@gmail.com)

[etienne.brachet@u-paris.fr](mailto:etienne.brachet@u-paris.fr)

## ■ Professional experiences

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**09/2014** **Associate professor**, Université de Paris (Descartes), School of Pharmacy, UMR-CNRS 8038 CiTCoM: "Cibles Thérapeutiques et Conception de Médicaments", team PNAS : "Produit Naturel, Analyse et Synthèse", Research domain: Synthesis of bioactive compounds, development of new catalytic processes for C-C and C-Het bond formations in association with the Prof. Dr. Philippe Belmont.

**Habilitation (07/03/2020).**

**2014** **Post-Doctoral Research Associate**, Regensburg University, institute of organic chemistry, Research group of Prof. Dr. Burkhard König. Construction of C-C and C-Het bonds by development of new photocatalyzed reactions.

**2010/2013** **PhD** at the school of pharmacy of Châtenay-Malabry supervised by S. MESSAOUDI (PARIS-Sud 11) UMR CNRS 8076, laboratory of medicinal chemistry (Pr. J.-D. BRION and Dr. M. ALAMI). Synthesis and reactivity study on *N*-heterocycles (*N*-aminoazoles, quinoline and quinoxaline) and thioglycosides. Organometallic chemistry and catalysis with Ni, Pd, Cu. Pharmacomodulation of bioactive molecules and biological evaluations.

**2010/2013** **School teacher** at the university of Paris-Sud 11 : 192 hours of theoretical and practical lessons in organic and medicinal chemistry.

**2010** **Training** of 6 months at the school of pharmacy of Châtenay-Malabry supervised by A. HAMZE (PARIS-Sud 11) UMR CNRS 8076, laboratory of medicinal chemistry (Pr. J.-D. BRION and Dr. M. ALAMI). Creation of tetrasubstituted olefins via palladium-catalyzed reaction between *N*-tosylhydrazones and arylhalides.

## ■ Publications and oral communications.

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- 24 publications, 15 posters and 6 oral communications

## ■ Financial supports and awards

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### **Financial support applications :**

ANR JCJC 2021 *LightNing* (coordinator) 180k€

ANR PRC 2021 *Oxo-tag* (partner) 400k€

AAP IDEX 2019 *Oxo-Tag* (partner) 20k€

AAP IDEX 2020 *Ipsos* (coordinator) 20k€

### **Awards :**

- **Award of the Best Poster** at the "journée de chimie organique 2013 (JCO2013)
- **Award of the best PhD thesis in organic chemistry** of the School of Pharmacy of Paris XI University in 2014.
- **Selected for the "Programme Émergence @ International" of the CNRS.**
- **Selected for the Young Investigator Workshop 2022** in Lisbon the 29<sup>th</sup> of august to the 1<sup>th</sup> of september 2022.
- **Selected for the award "Jean Normant" in 2021 DCO SCF**

### **Organizing Committee :**

Member of the organizing committee of the "Young research fellow meeting 2017".

Member of the organizing committee of the “Young research fellow meeting 2019”.  
Member of the organizing committee of the “Young research fellow meeting 2021”.

**Referee of following journals:**

Advanced synthesis and catalysis, Molecules, Organic and Biomolecular chemistry, European journal of organic chemistry, Organic letters, Chemical Communication, J. Am. Chem. Soc....

**Referee for institutions:**

Referee of proposals for Labex CHARM3AT.

**Jury member:**

For the examination or the referee of 7 PhD defense.

Member of the selection comitee of 4 MCF recrutements :

**Awards :**

- **Award of the Best Poster** at the “journée de chimie organique 2013 (JCO2013)
- **Award of the best PhD thesis in organic chemistry** of the School of Pharmacy of Paris XI University in 2014.
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## ■ Teaching domain

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**Since 2014 Assistant professor in medicinal chemistry at the University of Pharmacy of Paris Descartes (192hours per year).**

Practical lessons in medicinal chemistry (students in 4 years of Pharmacy):

Synthesis, characterizations and analytical evaluations of Diazepam and various other drugs.

Exercises in medicinal chemistry (students in 3 and 4 years of Pharmacy):

Synthesis of bioactive compounds, SAR studies on various drugs.

Theoretical course:

Halogenation reactions (3h) (students in 3 and 4 years of Pharmacy)

Visible light catalysis (2h) (Master II students)

**Responsible of practical lessons for around 350 students per years.**

## ■ Supervision

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**Student's supervision:**

- 14 students (1 L3, 7 Master1 and 6 Master 2)
- 5 PhD students co-supervised or supervised