



UNIVERSITÉ D'AVIGNON
ET DES PAYS DE VAUCLUSE
MINISTÈRE DE L'ENSEIGNEMENT
SUPÉRIEUR ET DE LA RECHERCHE



Avignon, April 25, 2018

Open position for a PhD thesis in Organic and Polymer Chemistry

Since 2015, **CHEM2STAB** a common research laboratory that associates chemists of the “Chimie Bioorganique et Systèmes Amphiphiles (CBSA)” team from Avignon University (France) and biochemists of the start-up **CALIXAR** (Lyon - France) has been developing reagents for proteomics studies for the validation of new pharmaceutical targets (www.chem2stab.org).



Within the frame of PACA region's PhD program, a position is available for a PhD thesis at **CHEM2STAB**. The work based on the synthesis and physical-chemical characterization of amphiphilic molecules is to develop new series of (macro)molecules that can extract and/or stabilize membrane proteins and antigens.

We are looking for a highly motivated PhD candidate interested in interdisciplinary research at the **chemistry-biology interface**. The project is **multidisciplinary** and will involve organic synthesis, polymer synthesis and colloidal characterization. The position includes teaching in organic chemistry seminars and lab courses, publication of scientific results, and tasks for the scientific qualification (doctorate).

To apply to this position, you should have:

- Excellence in your studies
- a Master degree in chemistry with a good background in organic and/or polymer chemistry.
- Very good communication and English skills.
- Capability of interdisciplinary work.
- Background in colloidal chemistry would be appreciated.
- Experience in biophysics and biochemistry of membrane proteins is helpful, but not essential.

You will join a dynamic research team housed in a well-equipped laboratory at **University of Avignon**, which benefits from a state-of-the-art Technology Facility. The project will be led in collaboration with **CALIXAR** Company.

Deadline:	May 25, 2018
Availability:	From 1st October 2018 for a period of 36 months
Gross salary:	~1710 €/month (without teaching activities)

Application should be sent in 1 single pdf file including:

- CV
- Motivation letter
- A list of obtained scores during Master degree studies
- At least 3 references (name, company, e-mail address, and telephone number).

To: **Dr Grégory DURAND**
gregory.durand@univ-avignon.fr

and **Dr Pierre GUILLET**
pierre.guillet@univ-avignon.fr