

**Master « Sciences, Technologie,
Santé »**
Mention « In Silico Drug Design »
Second Year



OFFER AN INTERNSHIP
Academic Year 2013 – 2014

Send to Mrs Pr Camproux :

anne-claude.camproux@univ-paris-diderot.fr

Name of the head of laboratory or company: Structural Genomics Consortium

Adress : SGC Oxford
University of Oxford
Old Road Campus Research Building
Roosevelt Drive
Headington, Oxford, OX3 7DQ
UK

Name of training supervisor: Dr. Brian Marsden

Phone number : +44 1865 617592

E-mail : brian.marsden@sgc.ox.ac.uk

Speciality training : Research Professional

a few key words to describe the subject of training :

PHIP, bromodomain, docking

Title of internship:

Identification of small molecules binding to PHIP protein and development of potent and selective chemical probes.

this subject is a first step towards a thesis: Yes - No

Short texte describing your project

Using a variety of computational chemistry approaches the student will study the chemical space available for chemical probe design against atypical human bromodomain protein, PHIP.

It is expected that the student will develop stronger skillsets including techniques of docking, VLS and pharmacophore use of standard computational chemistry suites such as ICM and Schrodinger.

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