

Mr. Brahim ZARDOUA
50, Boulevard Charles STOESEL
B0-10
68200 Mulhouse (FRANCE)
Mobile : +(33) 6 08 69 34 14
Email : brahim.zardoua@uha.fr

French nationality

Objective : to carry out a six-months internship in therapeutic synthesis

Education

2010/2011 **Engineering student** (3rd year) at *ENSCMu*, a French graduate school of chemistry
Speciality : Organic and Bioorganic Chemistry, *Mulhouse* - FRANCE

2008/2009 **Student in 2nd year of Magistere of Physical and Molecular Chemistry** at *ENS Cachan*
and *Université Paris-Sud XI (Orsay)*. ENS Cachan is one of only three institutes of French
higher education training students to become professors and researchers in their fields

2007/2008 **Bachelor of Science** in chemistry obtained after completing the first three years of French
university

2004/2006 **Two years of Medical studies**, *Université Paris-Sud XI*

June 2004 **A levels**, with major in physics and chemistry (FRANCE)

Internships/Work experience

Internships :

05-06/2010 **Microproject training (6 weeks)** in nanoscience
Institute of Chemistry and Bioanalytics
Fachhochschule Nordwestschweiz – *Muttenz* – Switzerland
Project : « Micro-patterning of silica nanoparticles on different substrates »

04-08/2009 **Engineer training (4 months)** in molecular catalysis
Institute of Molecular Chemistry and Materials of Orsay – *Université Paris-Sud XI*
Project : « Benzylolation reactions catalyzed by samarium(II) iodide/mischmetall system»

06-07/2008 **research project (7 weeks)** in organic synthesis
Laboratory of Organic Chemistry and Pharmacochimistry - *School of pharmacy*
Project : «Mickael reaction applied to β -enaminoesters»

Analysis NMR (^1H and ^{13}C), UV-Visible, mass spectrophotometry, thin layer chromatography,
infrared, gas-liquid chromatography, HPLC, scanning electron microscopy

Software ChemOffice, MestREC, TopSpin Bruker

Student jobs :

Since 04/09 Private teacher (physics and chemistry)

July 2005 Employee at a municipal library (*Grigny*)

Summers 01 to 04 Warehouseman at UPS (*Roissy-Charles De Gaulle*)

Skills

Languages **French** (mother tongue), **English** (good working knowledge – TOEIC score 2010: 730),
German (basic), **Arabic** (good command), **Hebrew** (basic)

Informatics Microsoft Office (Word, Excel, PowerPoint), internet (webmaster of the website
<http://physicochimie.free.fr>)

Other skills and interests

Trips abroad Morocco, Spain, Germany, Netherland, Switzerland

Others Member of a student Association « Association For Hygiene, Safety and Environment », *section* : Analysis of chemical heavy metals (produced by ENSCMu)
European **F**irst **A**id **C**ertificate obtained on May 2010