

Bouchra BIRICH (26 years old)
Address: Bloc 105, N°1, hay hassani,
Agadir
Born on: 03/04/1990 in Agadir
Cell: (+212) 0651046969
Email: Bouchra.birich1@gmail.com
Family situation: Single
Nationality: Moroccan

Health & Environment
Motivated, dynamic, cooperative and open-minded



EDUCATION AND DEGREES

- **2016-2017** : 4rd year PhD thesis " Dosage and screening of pesticides in biological matrices by GC –MS at CAPM " Advisor: Professor Souad EL HAJJAJI in the Faculty of Science Agdal, Rabat.
- **2011-2013** : Specialized Master in Analytical Sciences and Environment, Faculty of Science Agdal, Rabat.
- **2010-2011** : Professional License in Chemical and Physical Analysis Techniques, Faculty of Sciences, Agadir.
- **2008-2010** : University Technology Diploma in Industrial Bioengineering at the School of Technology of Agadir.
- **2007-2008** : Baccalaureate physical science at Anoual high school, Agadir.

PROFESSIONAL EXPERIENCE

2014/2015:

- PhD internship under the theme "Dosage and toxicological screening of pesticides in Central Toxicology Laboratory Poison and Pharmacovigilance Rabat Morocco".
- Participation in the action-Boost Edition 2014 for the guidance and support of students in semester 2 in the field of chemistry.
- Training courses attended: Research Tools and access to scientific literature - Research Methodology - Management organizations - bibliometric indicators, how to make a bibliography with the internet and how to move from experimental design to scientific writing tools- Entrepreneurship.

2012/2013:

- Final internship in Central Toxicology Laboratory Poison and Pharmacovigilance Rabat Morocco working on "optimization of detection method of organochlorines in biological matrix by gas chromatography coupled to mass spectrometry GC-MS"

2011/2012:

- Participation as Tutor in the project "TUTORAT" for students in the first year at the Faculty of Sciences Rabat.

2010/2011:

- Final year of study at the Laboratory of Analysis and Regional Veterinary Research Agadir "LRARVA" on the Quality Control of Fishery Products: Histamine, TVB, Sulphur dioxide and mercury.
- Project Graduation under the theme: "Measurement of aldehydes in indoor air of the Faculty of Sciences of Agadir by adsorption and HPLC."

2009/2010:

- Graduation internship of final year study working on " Traceability and quality of canned fish control" Complex Industrial and Commercial Belhassan CIBEL in Agadir".
- Project Graduation in laboratory Companies ORALIA and Poultry Abattoir Agadir (AAV) under the theme: "Description of serological and microbiological physicochemical analyzes were carried along the production chain of poultry."

PARTICIPATION AT SCIENTIFICS MANIFESTATIONS

2014/2015:

- Participation by Post Communication in the Doctorial in the faculty of Science Rabat.
- Participation by Oral Communication in the International Symposium of Plant Protection Products at Faculty of sciences and technics Errachidia.
- Participation by Post communication in the International Congress of Toxicology at Faculty of medicine Fes

2013/2014 :

- Participation by Post Communication in Science Week under the theme "Innovation for Economic and Social Development" at the Faculty of Sciences Rabat Agdal.
- Participation by Post Communication in the First International Meeting of molecular chemistry, chemometrics and Application Faculty of Science and Technical Beni mellal.
- Participation by Post Communication in the Doctorials in the Faculty of Science Rabat.
- Participation by post communication in the third international conference "Materials, Pollution and Environment" in Tangier.

2012/2013 :

- Participation in the meeting on the Value of Academic Research, Technology Transfer and Enterprise Creation Innovative, FSR- Morocco.
- Participation in the day of young researchers in the Faculty of Science and Technology of Settat.
- Participation in scientific conference on Emerging Pollutants: Impact and prospects for remediation, FSR.
- Attendance at meetings of the third symposium in French Morocco-Molecular Chemistry for the presidency of the University MedV- Agdal, Rabat.
- Participation in the training seminar on POPs / PCB organized in collaboration between UM5A- Rabat and the Ministry of Energy, Mines, Water and Environment.

SKILLS

- **Analytical techniques:** Chromatography (GC-MS and HPLC), NMR spectroscopy, IR, UV / visible mass., electrophoresis, atomic absorption, thermal methods.
- Quality System.
- Control of Good Laboratory Practice.
- **Tools:** Word, Excel, PowerPoint.

LANGUAGES KNOWLEDGE

- Arabic : mother tongue.
- French : Current
- English : good level.

OTHER

- Interests: reading, traveling
- Team spirit
- Member of the Moroccan Society of Medicinal Chemistry Rabat (SMCT)
- Former active member SIFE - FSR
- Former member of the club environment ESTA
- Former member of BDE- ESTA

Publications:

- 1/ Study of the influence of various parameters on the fenamiphos degradation in aqueous solution using the experimental design, ScienceLib Editions Mersenne, El Yadini Adil, Saufi Hamid, El Azzouzi Mohamed, El Fakir Laila, Birich Bouchra, Schmitt-kopplin Philippe, Harir Mourad & El Hajjaji Souad, Vol 5 , N ° 130410, 2013.
- 2/ "Development of quantitative determination method of ethanol in humain plasma: experience of laboratory of toxicology and pharmacology, Moroccan poison control and pharmacovilance center." International Journal of Innovation and Applied Studies, Mostafa Khaya, Mouncef Idrissi, Rachida Soulaymani-Bencheikh, Mohammed Ghandi, Naima Ait Daoud, Bouchra Birich, Seloua Elmrabeh, Abderrahim El Hourch, and Aicha Guessous. Vol. 7 No. 655-661. 2 Aug. 2014.
- 3/ "Role of toxicological screening by high performance liquid chromatography with diode array detection (HPLC-DAD) in diagnosis of drug intoxication» International Journal of Innovation and Applied Studies, S. Elmrabeh, M. Ibriz, F. Zalagh, M. Bentafrif, B. Birich, M. Khaya, M. Idrissi, N. Badrane, A. Soulaymani, and R. Soulaymani Bencheikh, Vol. 8 No. 1, pp. 357-363, Sep. 2014.
- 4/ "Optimisation of transformation kinetic of fenamiphos in aqueous media using experimental design, Mater. Environ. Sci., A. Yadini, L. El Fakir, B. Birich, M. El Azzouzi and S. El Hajjaji. Vol 5, 2075-2080, 2014.