ALLEGATO B

UNIVERSITÀ DEGLI STUDI DI MILANO
selezione pubblica per n. posto/i di Ricercatore a tempo determinato ai sensi dell'art.24, comma 3, lettera a) della Legge 240/2010 per il settore concorsuale AGR/09 - Agricultural machinery and mechanization, **,**
settore scientifico-disciplinare AGR/09 - Agricultural machinery and mechanization
presso il Dipartimento di Department of Agricultural and Environmental Sciences - Production, Landscape,Agroenergy,
(avviso bando pubblicato sulla G.U. n. _____ del _____) Codice concorso 4257

[Nome e cognome]
CURRICULUM VITAE

AGR/09 - Agricultural machinery and mechanization

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

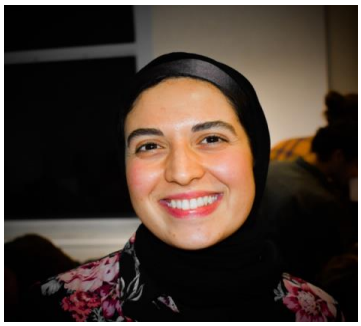
COGNOME	**HACHOUMI**
NOME	**IMANE**
DATA DI NASCITA	[Giorno, mese, anno] 09/02/1990

INSERIRE IL PROPRIO CURRICULUM
(non eccedente le 30 pagine)

Data 20/01/2020 Luogo Budapest

PERSONAL INFORMATION

Imane Hachoumi



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hachoumi.imane@gmail.com

lascientifood.blogspot.com/

Skype : imane.hachoumi

Sex Female | Date of birth 09/02/1990 | Nationality Moroccan

PERSONAL STATEMENT

As a PhD in environmental chemistry and microbiology, I'm having an excellent research potential and an ability to actively contribute to the research projects goals as well as a proven publication track record.

Creative, methodical and professional in my work and can demonstrate initiative, flexibility and have high attention to detail.
I have a strong background in Food science, wastewater, organic and inorganic pollutants and microbiology.

I improved my skills in analytical techniques such as LC-MS/MS for analyzing pesticides, optimizing and developing method of extraction.

WORK EXPERIENCE

December 2018- Present

Research internship

Laboratory of applied chemistry, Faculty of food science, Szent István University of Budapest, Hungary.
« -Evaluation of the effectiveness of insecticide trunk injections for control of Horse-Chestnut Leaf Miner (Cameraria ohridella) in Chestnut tree;
-Analysis of abamectin via QuEChERS and LC-MS/MS».

October 2015 -July 2017

Scientific Research Project

Laboratory for Environmental Chemistry and Bioanalytics, Institute of Chemistry, Eötvös Loránd University (ELTE) of Budapest, Hungary.
« Adsorption of heavy metal ions from artificially contaminated industrial wastewater by using Pod razor (Ensis siliqua) shell powder as cost-effective biomineral».

February 2014-April 2015

Supervising and mentoring undergraduate students

For their dissertation and research project, Faculty of Sciences et Techniques Mohammedia, Morocco.

September 2013- October 2013

Assistant Responsible

MAPHAR- Sanofi Aventis Group Casablanca , Morocco.

EDUCATION AND TRAINING

2014-2018

PhD in Environmental Chemistry and Microbiology. Very honorable distinction with unanimous congratulations from the jury.

Hassan II University of Casablanca & Eötvös Loránd University of Budapest, Hungary.

Thesis: «Optimization of the operating conditions and experimental studies of the adsorption of different hazardous pollutants (textile dyes, heavy metals and bacteria) from wastewater by using a food waste: Pod razor *(Ensis siliqua)* shell».

2011- 2013 **Master's in food safety and Quality,** Hassan II University of Casablanca, Morocco.

2009- 2011 **Bachelor in cereal industry,** Hassan II University of Casablanca, Morocco.

PERSONAL SKILLS

Mother tongue(s): Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C2	C2	C1	C2	C1
	"It is our second official language in Morocco"				
English	C1	C2	C1	C1	B2
	"From Language centre certificate"				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- I have a strong pronounced sense of responsibility and great willingness to learn, communicate and ability to deal with conflicts
- Able to interact with all researchers in a constructive, creative and professional manner during the processing, storing and logging process

Organisational / managerial skills

- Creative, methodical and professional in my work and can demonstrate initiative, flexibility and have high attention to detail

Job-related skills

- Undertaking academic research
- Scientific writing
- Strong background in Food science, wastewater, organic and inorganic pollutants and microbiology.
- Valorization of food waste for removing and decontaminating wastewater
- Skills in analytical techniques: LC-MS/MS for analyzing pesticides, optimizing and developing method of extraction pesticides

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Basic user	Proficient user	Independent user	Proficient user	Independent user

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

- good command of office 2016
- good command of Experimental Design software (JMP 2014) and Scilab (6.0.1).

Other skills
- Hikking/ Backpacking
- Photography
- Blogging: I lead a scientific blog which I try to draw attention to an interesting published scientific article or a new study

Driving licence B

ADDITIONAL INFORMATION

Publication

1- I. Hachoumi, S. Benkaddour,I. El Ouahabi, R. Slimani, B. Cagnon, M. El Haddad, S. El Antri, S. Lazar.
Ensis siliqua Shell for removal of Cu(II), Zn(II) and Ni(II) from aqueous solutions: Kinetics and isotherm model. *Analytical Chemistry Letters*. 9:1 (2019), 50-63.

2- I. Hachoumi, E.Tatár, V.G. Mihucz, G. Orgován, G. Záray, S. El Antri, S. Lazar.
Pod razor (*Ensis siliqua*) shell powder as cost-effective biomineral for removal of nickel(II), copper(II) and zinc(II) from artificially contaminated industrial wastewater. *Sustainable Chemistry and Pharmacy.* 12 (2019), 100137.

3- S. Benkaddour, R. Slimani, H. Hiyane, I. El Ouahabi, **I. Hachoumi,** S. El Antri, S. Lazar.
Kinetic, isotherm and thermodynamic studies of removal of reactive yellow 145 onto the powder of wáter melón seeds treated. Sustainable Chemistry and Pharmacy. 10 (2018), 16-21.

4- I. Hachoumi, S. Benkaddour, H. Hiyane, M. El Haddad, S. El Antri, S. Lazar.
Analysis capability of alkylphosphonic acids and inorganic anions in aqueous solutions by ion exchange chromatography. *Journal of Materials and Environmental Sciences*. 9 (10) (2018), 2804-2811.

5- I. Hachoumi, I. El Ouahabi, R. Slimani, B. Cagnon, M. El Haddad, S. El Antri, S. Lazar.
Adsorption studies with a New biosorbent Ensis siliqua shell powder for removal two textile dyes from aqueous solution. *Journal of Materials and Environmental Sciences*. 8 (2017), 1448-1459.
6- I. El Ouahabi, R. Slimani, **I. Hachoumi**, F. Anouar, N. Taoufik, A. Elmchaouri, S. Lazar.
Adsorption of a cationic dye (Yellow Basic 28) onto the calcined mussel shells: Kinetics, isotherm and thermodynamic parameters. *Mediterranean Journal of Chemistry.* 4 (2015), 261-270.

7- R. Slimani, I. El Ouahabi, **I. Hachoumi**, Y. Riadi, A. Anouzla, M. El Haddad, S. El Antri, S. Lazar.
Biosorption isotherm for of Cu(II) and Zn(II) onto calcined limpet shells as a new biosorbent ions from aqueous solutions: Comparison of linear and non-linear methods. *International Journal of Environmental Monitoring and Analysis*. 2 (2014), 48-57.

Patents

1-Imane Hachoumi, Imane El Ouahabi, Rachid Slimani, Yassine Riadi, Mohammadine El Haddad, Said El Antri, Said Lazar.
La farine des coquillages Ensis siliqua calcinée : Nouveau biomasse d'adsorption solide pour le traitement des eaux usées et sa nouvelle application support catalytique en synthèse organique hétérogène. Université Hassan II Mohammedia-Casablanca. Date */N° de dépôt : 28.04.2015/ 38048*
2- Imane El Ouahabi, Rachid Slimani, Yassine Riadi, **Imane Hachoumi**, Mohammadine El Haddad, Said El Antri, Said Lazar.
La farine des coquillages conques calcinés : Nouveau support d'adsorption solide pour le traitement des eaux usées et sa nouvelle application comme support catalytique en synthèse organique hétérogène. N° de publication : MA 37162 A1

Conferences

11-13 June 2019
Summer school at **European Food Safety Authority (EFSA)** Parma, Italy
on: “Risk-Benefit in Food Safety and Nutrition”.

Honours and awards

2015-2017, Hungarian Research Scholarship Stipendium Hungaricum by « Tempus Public Foundation » Budapest, Hungary.

2014-2017, Excellence Scholarship for Doctoral Research by CNRST Rabat, Morocco.

2012-2013, National Merit Scholarship for Master degree, Morocco.

Communications (CO : Communication Orale)

- I. Hachoumi, S. Benkaddour, H. Hiyane, M. El Haddad, S. El Antri, S. Lazar.
Capacité d'analyse des acides alkylphosphoniques et anions inorganiques en solutions aqueuses par chromatographie d’échange d'ions.
Journées Pratiques Francophones des Sciences Analytiques. Marrakech (Maroc), 26 et 27 Avril 2018.
- I. Hachoumi, E. Tatár, M. Óvári, S. Benkaddour, H. Hiyane, M. El Haddad, S. El Antri, S. Lazar, G. Záray.
Adsorption des métaux lourds par un nouveau biomatériau : les coquilles d’Ensis siliqua.
Journées Pratiques Francophones des Sciences Analytiques. Marrakech (Maroc), 27 et 28 avril 2017.
- I. Hachoumi, M. Ovari, M. El Haddad, S. El Antri, S. Lazar, G. Zaray.
Adsorption studies with a new biosorbent Ensis siliqua shell powder for removal of Cu(II) an Zn(II) from aqueous solutions.
Water Summit. Budapest (Hongrie), 28-30 Nouvembre 2016.
- I. Hachoumi, I. El Ouahabi, R. Slimani, B. Cagnon, M. El Haddad. , S. El Antri, S. Lazar.
Ensis siliqua shell as a natural, low cost and new adsorbent to remove DB71 and DR60 from aqueous solutions.
XV Italian-Hungarian Symposium on Spectrochemistry: Pharmacological Research and Analytical Approaches. Pise (Italie), 12-16 Juin 2016.
- **I. Hachoumi,** I. El Ouahabi, R. Slimani, B. Cagnon, M. El Haddad , S. El Antri, S. Lazar.
Identification of calcined Ensis siliqua shells by Xray diffraction as a new biosorbent to remove a textile dye (Direct blue 71) from aqueous solutions.
European Symposium on Atomic Spectrometry. Eger (Hongrie), 31 Mars-02 Avril 2016.
- **I. Hachoumi,** I. El Ouahabi, R. Slimani, M. El Haddad, S. El Antri, S. Lazar.
Etude de la cinétique d’adsorption du bleu direct 71 en solution aqueuse par les coquilles des patelles.
2ème édition de la Journée de l’Environnement et Impact de la Pollution (Eaux, Air et Sol) sur la Population. Kenitra (Maroc), 23 Mai 2015.

ANNEXES

- Copies of degrees and qualifications: PhD diploma, Master degree translated in English and summer school certificate.
- Certificate of work placement: Research internship at ELTE university and at SZI university.
- Publications