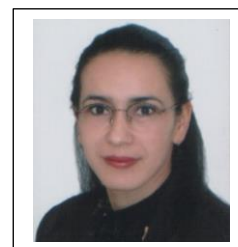


Pr. Bouchra CHEBLI,
Professor at the Faculty of Medicine and Pharmacy
University IBN ZOHR, Agadir
Environmental Engineering and Biotechnology team,
Mechanics, Processes, Energy and Environment Laboratory,
ENSA, University Ibn Zohr, Agadir
GSM: +212661064083,
Email: b.chebli@uiz.ac.ma; cheblibr@yahoo.fr

**Academic education:**

Year	Diploma	Discipline/Field/Specialty	University/Country
1998-2003	Doctorat National PhD	Biologie-Chimie UFR: Natural Products. Speciality : Natural substances, chemical and biological study	Faculty of Medicine and Pharmacy, Mohamed V University in Rabat, Morocco
1996-1997	Master of Science Equivalence granted to the DESS	Horticultural Sciences and Technology "Post-harvest of fruits and vegetables"	Mediterranean Agronomic Institute of Chania (MAICH), GREECE in accordance with the Academic Regulations of CIHEAM (Centre International des Hautes Etudes Agronomique Méditerranéenne
1995-1996	Diploma of Specialized Post- University Studies (DSPU)	Horticulture Subtropical Fruit Crop- Postharvest Biology,	Mediterranean Agronomic Institute of Chania (MAICH), GREECE,
1994	Licence	Biologie	Faculté des Sciences IBN ZOHR Agadir/Maroc

Academic positions

Year	Grade	Institution	University
Since 10/2023	Professor	Faculty of Medicine and Pharmacy,	IBN ZOHR University, Agadir
From 2016 to 09/2023	Professor	National School of Applied Sciences	IBN ZOHR University, Agadir
2011-2013	Head of Department Engineering of Processes, Energy and Environment	National School of Applied Sciences	IBN ZOHR University, Agadir
Since 2014	Team leader of Environmental Engineering and Biotechnology, LMPEE Laboratory	National School of Applied Sciences	IBN ZOHR University, Agadir
From 2009 to 2015	Professeur Habilité	National School of Applied Sciences	IBN ZOHR University, Agadir
From 2004 to 2009:	Assistant professor	National School of Applied Sciences	IBN ZOHR University, Agadir

Teaching activities

- Cellular and molecular biology, microbiology
- Food science, Food microbiology
- Secondary metabolisms of plants,
- Bioreactor engineering
- Biological treatment of wastewater,
- Industrial Ecology and Professional Hygiene
- Quality: HACCP system, ISO 22000 standard and SME ISO14000.

Research interests:

- Aromatic and medicinal Plants
- Natural products and Phytochemistry
- Microbial biotechnology,
- Horticulture, Biofertilization, Biocontrol and Bioprotection of Crops

Brevet N°26077, Chebli B., Achouri M., Idrissi Hassani L. M. et M. Hmamouchi. 2003. La protection naturelle par les bio-pesticides: Composition naturelle pour contrôler les pathogènes et une méthode d'application comme produits phytosanitaire.

Thesis Advisor and Postgraduate Sponsor: -Supervision of 9 PhD defended thesis.

Thesis title	Author	Defense date
Evaluation des extraits de quatre plantes aromatiques et médicinales de la région de Souss Massa contre Botrytis Cinera Pers et Meloidogyne Spp associés aux cultures de la tomate	SENHAJI BTISSAM	12/11/2016
Etude de la composition chimique et de l'effet synergique sur l'activité antifongique et antioxydante des huiles essentielles de quatre Lamiaceae et quatre Asteraceae	BOUNIMI SAFAA	28/12/2017
Etude de la biodénitrification des eaux usées épurées de la station du grand Agadir M'Zar	MUSTHAFA HOUARI	01/12/2018
Study of antagonistic fluorescent Pseudomonas on key pests and diseases of tomato crop and their effect	QESSAOUI REDOUAN	09/02/2019
Viruses Infecting Zucchini Squash (Cucurbita pepo L.) in Morocco, Identification Occurrence, distribution and Economic Aspects	AARABE AHMED	14/11/2020
Evaluation du potentiel chimique et biologique de quelques plantes de la flore marocaine pour promouvoir la qualité des fraises et des framboises en post-récolte	MZIOUID ASMAA	27/02/2021
Emerging pests and diseases that threaten agriculture in Morocco: Epidemiology and risk assessment – Case of fruit fly and tow citrus viroids	OUANTAR M'BARK	02/10/2021
Studies of fungicidal, nematocidal and acaricidal activities of botanical and microbial agents against key bioagressors of vegetables crops.	BASAIID Khadija	15/01/2022
Etude de la vulnérabilité des ressources en eau et solutions alternatives pour le développement agricole – Cas de la région du Souss-Massa au Maroc	MANSIR Imane	22/03/2022

Publications: more than 88 publications in international peer-reviewed journals.

Scopus : **h-index: 14** and 897 Citations by 834 documents

https://www.researchgate.net/profile/B_Chebli

Principal publications since 2018

- Kaoui, S., Chebli, B., Zaidouni, S., Basaid, K., Mir, Y. Deep eutectic solvents as sustainable extraction media for plants and food samples: A review. *Sustainable Chemistry and Pharmacy*, 2023, 31, 100937
- Ajerrar, A., Qessaoui, R., Lahmyed, H., Bouharroud, R., Chebli, B., Zaafrani, M., Mayad H. (2023): Seasonal occurrence of *Ceratitis capitata* (Diptera: Tephritidae) on Argan trees (*Argania spinosa*, Sapotaceae) in Morocco. *Agriculture and Forestry*, 69 (2): 59-70. doi:10.17707/AgricultForest.69.2.05
- A. Hamdouch, A. Anejjar, L. Bijla, S. Gharby, A. Asdadi, B. Chebli, R. Salghi, L. M. Idrissi Hassani. Corrosion inhibition of carbon steel by *Vitex agnus castus* leaves essential oils from the oasis of Tata Mor. *J. Chem.*, 2023, Volume 11, Issue 01, Page 105-118 DOI: <https://doi.org/10.48317/IMIST.PRSM/morjchem-v11i1.37301> Mor.
- Abdelhadi Ajerrar , Mina Zaafrani, Redouan Qessaoui, Naima Ait Aabd, Hilal Bahadou, Hind Lahmyed, James Nicholas Furze, Bouchra Chebli, El Hassan Mayad, Rachid Bouharroud. Terrestrial arthropods diversity in the Argan Biosphere Reserve: Seasonal dynamics and ecological function roles. *Journal of the Saudi Society of Agricultural Sciences* Volume 22, Issue 1, January 2023, Pages 1-10. <https://doi.org/10.1016/j.jssas.2022.05.003>
- Soukaina Kaoui, [Bouchra Chebli](#), [Ghita Ait Baddi](#), [Khadija Basaid Youssef Mir](#). Response surface modeling and optimization of the extraction conditions using lactic acid-based deep eutectic solvents as green alternative extraction media for *Mentha pulegium*. *Phytochem Anal.* 2022 Aug;33(6):906-914. doi: 10.1002/pca.3148. Epub 2022 Jun 16.
- Fatima TAOUFIK, Aicha Hamdouch, Salma Zine, Bouchra Chebli, Miloud El HADEK, Lala Mina HASSANI IDRISSE. ESSENTIAL OIL CONTENT, CHEMICAL COMPOSITION, ANTIOXIDANT ACTIVITY AND ANTIVIRAL POTENTIAL AGAINST COVID-19 OF FOUR AROMATIC AND MEDICINAL PLANTS FROM SOUTH OF MOROCCO. 2022 *Arabian Journal of Medicinal and Aromatic Plants*. AJMAP V8N3 2022 p77-94. DOI: <https://doi.org/10.48347/IMIST.PRSM/ajmap-v8i3.28304>
- Aicha Hamdouch , Said Gharby , Ali Asdadi, Hasnae Ait Bouzid , Fouad Achemchem, Bouchra Chebli , Lalla Mina Idrissi Hassani. Chemical Composition, Antioxidant and Antibacterial Activities of *Broccia cinerea* From South-East of Morocco. *AJMAP* V8N1 2022. DOI: <https://doi.org/10.48347/IMIST.PRSM/ajmap-v8i1.28092>
- Hamdouch, A, Asdadi, A, Bijla, L, Gharby, S, Bouharroud, R, Chebli, B, Idrissi Hassani, L, M. 2022, Leaves and seeds extracts of *Vitex agnus castus* L., an ecological and effective alternative to conventional insecticides against fruit flies (Diptera: Tephritidae). *Caspian Journal of Environmental Sciences*, 20: 1117-1125. DOI 10.22124/CJES.2022.6092
- Redouan Qessaoui, Mariem Zanzan, Abdelhadi Ajerrar, Hind Lahmyed, Ahmed Boumair , Rachid Tahzima, Mohamed Alouani, El Hassan Mayad, Bouchra Chebli, Stuart Alan Walters, and Rachid Bouharroud. *Pseudomonas* Isolates as Potential Biofungicides of Green Mold (*Penicillium Digitatum*) on Orange Fruit. *INTERNATIONAL JOURNAL OF FRUIT SCIENCE* 2022, VOL. 22, NO. 1, 142-150. <https://doi.org/10.1080/15538362.2021.2018671>
- Mziouid, A., Chebli, B., Berrabah, M., ...Baddi, G.A., Mayad, E.H. Quality enhancement of fruits conserved with essential oils prolonging storage | Amélioration de la qualité des fruits conservés avec des huiles essentielles prolongeant le stockage. *Biotechnology, Agronomy, Society and Environment* this link is disabled, 2022, 26(4), pp. 198–209
- Mziouid, A., Chebli, B., Berrabah, M., ...Bounimi, S., Mayad, E.H. Phytochemical screening and antioxidant activity of four Moroccan aromatic plant methanolic extracts and essential oils. *Arabian Journal of Medicinal and Aromatic Plants*, 2022, 8(2), pp. 117–132
- KAOUI Soukaina, CHEBLI Bouchra, AIT BADDI Ghita, BASAID Khadija, ZAAFRANI Mina and MIR Youssef. Ultrasound-assisted lactic acid based deep eutectic solvent extraction of phenolic antioxidants from *Thymus broussonetii*: A Box–Behnken design approach for optimization. *IOP Conf. Series: Earth and Environmental Science* 842(1) (2021) 012022 IOP Publishing. doi:10.1088/1755-1315/842/1/012022
- Basaid, K., Chebli, B., Bouharroud, R., ...Furze, J.N., Mayad, E.H. Biocontrol potential of essential oil from Moroccan *Ridolfia segetum* (L.) Moris. *Journal of Plant Diseases and Protection*, 2021

- Basaid, K., Chebli, B., Mayad, E.H., ...Barakate, M., Paulitz, T. Biological activities of essential oils and lipopeptides applied to control plant pests and diseases: a review. *International Journal of Pest Management*, 2021, 67(2), pp. 155–177
- Redouan Qessaoui ,Abderrahim Amarraque, Hind Lahmyed, Abdelhadi Ajerrar, El Hassan Mayad, Bouchra Chebli, Alan Stuart Walters, Rachid Bouharroud. Inoculation of tomato plants with rhizobacteria suppresses development of whitefly Bemisia tabaci (GENNADIUS) (HEMIPTERA: ALEYRODIDAE): Agro-ecological application. Published: April 16, 2020 <https://doi.org/10.1371/journal.pone.0231496> PLOS ONE
- Khadija Basaid, Bouchra Chebli, El Hassan Mayad, James N. Furze, Rachid Bouharroud, François Krier, Mustapha Barakate & Timothy Paulitz. Biological activities of essential oils and lipopeptides applied to control plant pests and diseases: a review. *International Journal of Pest Management*. Received 30 Mar 2019, Accepted 16 Dec 2019, Published online: 08 Jan 2020
- Saaida Lhanafi Zakaria Anfar Nour-Eddine El Alem Bouchra Chebli Mohamed Benafqir. Methanisation: A promising green technology to manage organic wastes in the Moroccan dairy industry. Volume 22, Part 1, 2020, Pages 57-60
- Fadel, F., El Mehrach, K., Chebli, B., ...Hatimi, A., Tahrouch, S. 2020. Morphometric and physicochemical characteristics of carob pods in three geographical regions of Morocco. *SN Applied Sciences*, 2020, 2(12), 2173
- Abdelhadi Ajerrara Houda Akroud Naima Ait abda Redouan Qessaoui Abderrahim Amarraque Hind Lahmyd Mina Zaafrani Bouchra Chebli El Hassan Mayad Rachid Bouharroud 2020. Pollination system and effective pollinators of Argania spinosa (L. Skeels). 2020. *Journal of the Saudi Society of Agricultural Sciences*, 2020, 19(6), pp. 375–382
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- K. Basaid, B. Chebli, J. N. Furze, E. H. Mayad, R. Bouharroud. The value of simulations characterizing classes of symbiosis. *Expert Systems in Finance Smart Financial Applications in Big Data Environments* Taylor and Francis group May 2019. pp. 171-187
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