

CV

PERSONAL DATA

mrs Douaouya Lilia marries Boufligha

Born 10/20/1981 in Annaba Address: Cité Safsafa , block 01/50LSP Floor 05 No.:23, Grarem - Gouga, Mila, Algeria.

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Scholar profile link : <https://scholar.google.com/citations?hl=fr&user=1z1A4xoAAAAJ>

Research Gate profile link: <https://www.researchgate.net/profile/Douaouya-Lilia>

TRAINING

1999 Baccalaureate Sciences series .

2002 Diploma of Applied University Studies (DEUA) in Biochemistry (promotion major) at Badji Mokhtar Annaba University.

2004 Diploma of Higher Studies (DES) in Biochemistry (promotion major) at Badji Mokhtar Annaba University.

2009 Master in applied biochemistry (with honors) at Badji Mokhtar Annaba University.

2009 Registration for the Doctorate in Applied Biochemistry at Badji Mokhtar Annaba University

2009 Class B assistant professor at the University of Khenchela

2012/June 2017: Class A assistant professor at the University of Khenchela .

June 2017 : Doctorate in applied biochemistry (very honorable mention) at Badji -Mokhtar Annaba University.

2017/2022 : Lecturer -B- at the University of Khenchela .

November 2022: University accreditation in biological sciences.

PROFESSIONAL EXPERIENCE

Nov 2007- June 2008 : Part-time teacher responsible for practical work on the modules: Proteins, Polysaccharides, Physiology of major functions and Biochemical Techniques in the Department of Biochemistry; Faculty of Sciences ; Badji Mokhtar Annaba University .

2009-2024 : Assistant professor class B/A and lecturer class B/A at the University of Khenchela in charge of subjects:

- General biochemistry (2nd^{year} Biology common core LMD) course, TD and TP.
- Physiology of nutrition (3rd^{year} Animal Biology) course.
- General immunology (2nd^{year} Biology common core LMD) course, tutorial.
- Immunology (3rd^{year} Microbiology) course, TD.
- Metabolic biochemistry (M1 Master Microbiology and Applied Biochemistry) course, TD, TP.
- Immuno -pathology (M2 Master Molecular Biology and Genetics) course, TD.

- Advanced techniques in Biochemistry (M2 Master Applied Biochemistry).
- Biochemistry of signal transduction (M1 Master Applied Biochemistry) course, tutorial.
- In-depth enzymology (L3 Biochemistry) course, practical work.
- Pharmacotoxicology (L3 Biochemistry) course, practical work.
- Cellular and functional biochemistry (L3 Biochemistry) course, tutorial.
- Applied and analytical biochemistry (Doctoral training Biological sciences 2022/2023).

2013/2019: Specialty manager of the Master applied biochemistry training offer.

2013/2017 : Member of the disciplinary council of the Molecular and Cellular Biology department.

2016/2019 and 2022/2024: Member of the scientific council of the Molecular and Cellular Biology department.

2023: Sector Manager for the Biotechnology training offer.

2010/2024: Supervision of various end-of-study Master's themes Applied biochemistry, microbiology and genetics.

2022/2023: Co-supervision of 2 LMD Doctorate theses.

December 2023: Member of the jury for an LMD doctoral thesis in plant biotechnology.

2020/2024: Expert in educational handouts and member of the scientific committee for national and international seminars.

COMMUNICATIONS AND SEMINARS

- Toxicity of dust emitted by the steelworks of the SIDERGUGIQUE EL Hadjar - Annaba- complex on a biological model: paramecium. 16-18 May 2009, 2nd ^{Francophone} Conference on Environment and Health.
- Phytochemical investigation and biological activity of a local species of garlic (*Allium sativum* L.). October 9-11, 2010, Annaba's First Chemistry Days – JNCA'10
- *In vivo* evaluation of the antidiabetic and antioxidant activity of a local species of garlic (*Allium sativum* L.). May 20, 2009. International Natural Products Day in Tlemcen.
- *In vivo* study of the antidiabetic activity of a local species of garlic “ *Allium sativum* »: biochemical and histological aspects. November 28, 29 and 30, 2011. International Seminar on Forests and Steppes of Semi-Arid Environments in Djelfa, ALGERIA.
- Phytochemical exploration and *in vitro* study of the antioxidant power of *Allium sativum* L. ^{23rd} International Forum of Biological Sciences and Biotechnology March 21 - 24, 2012, Yasmine Hammamet, Tunisia.
- Cardioprotective effect of *Olea europaea* leaf extract against hyperhomocysteinemia associated oxidative stress in rat heart . YI th international congress of Biotechnology and valorization of bio-resources. March 2018, Tabarka-Tunisia.
- Phytochemical investigation and *in vitro* study of the antioxidant power of lyophilized organic extracts of *Artemisia campestris* L. YI th international congress of Biotechnology and valorization of bio-resources. March 2019, Tabarka-Tunisia.

- Phytochemical screening and in vitro evaluation of activities antioxidant , anti-inflammatory and anticoagulant of *Thapsia garganica* L. First National Seminar on Sustainable Agriculture and Biodiversity (SNADB), May 11 & 12, 2022, Skikda
- Chemical characterization and bioactive potential of *Thapsia garganica* L. growing in Khenchela (Algeria). National seminar on the Valorization of Plant Bio-Resources in Algeria, June 7, 2022, Khenchela .
- Physicochemical characterization and bioactive valorization of polyphenols extracted from margins . First National Seminar on Essential Oils and Aromatherapy (SNHEA) (Hybrid), September 19 and 20, 2022, Khenchela .
- Influence of the extraction solvent on phenolic content, antioxidant , and antimicrobial activities of *Bunium incrassatum* Bois, Batt , Trab . National seminar on the Valorization of Plant Bio-Resources in Algeria, June 7, 2022, Khenchela .

PUB LICATIONS AND HANDOUTS

- Douaouya , Lilia. and Bouzerna , Noureddine (2016). Effect of garlic (*Allium sativum* . L) on biochemical parameters and histopathology of pancreas of alloxan-induced diabetic rats. International Journal of Pharmacy and Pharmaceutical Sciences. 8(6): 202-206.
- Douaouya Lilia, Bouhalit Samira, Derouiche Faouzia , Djemil Randa and Kara Ali Wahiba (2022). In vitro assessment of the bioactive potential of *Artemisia campestris* L.fractions growing in Khenchela (Algeria). South Asian J Exp Biol ; 12 (4): 445-455.
- Wahiba Kara Ali, Zine El Abidine Ababsa , Mounira KARA Ali, Nour Elhouda Ayeb , Asma Ait Kaki, Lilia Douaouya (2022). Phytochemical characterization and biological activities of butanolic extract of aerial parts of *Tetraclinis articulata* from Algeria . South Asian J Exp Biol ; 12 (5): 626-638.
- Course handouts of General Immunology, for the benefit of L2 common core students, approved by the Scientific Council after two positive reports from experts on 12/21/2020.

RESEARCH

- Member of the research project (PNR) entitled: Biological activities of secondary metabolites extracted from endemic Saharan plants. Badji Mokhtar University ; Annaba (2011/2012).
- Member of the research project (CNEPRU) code: F01120130128 entitled: Evaluation of the antimicrobial, antioxidant and cytotoxic potential of plant extracts collected in the Edough massif (Eastern Algeria). Badji Mokhtar University , Annaba (2014/2017).
- Member of the research project (PRFU) code: D01N01UN400120220002 titled: Evaluation of the biological activities of polyphenols and sugars in vegetable oils from the cold extraction of olive oil from the Khenchela region (2022/2026).

COMPUTER SKILLS

Mastery of office automation software, statistics (Minitab and Statistica), computer languages and word processing.

LANGUAGE

Arabic, French and English