



Sabrina Chelly

Biology Doctor



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Current position: Postdoctoral scholar research, Messina, Italy.

EDUCATION (Formal)

2015 -2020

Doctorate Degree in Biology

Sciences Faculty of Sfax, Tunisia

Degree: Research Doctorate's in Biology

March 2021 **Merit:** very honorable

Doctorate's research title: "Phytochemical characterization of a Tunisian plant species *Rhanterium suaveolens*: therapeutic virtues and applications in the nanotechnology sector"

2013-2015

Research Master's Degrees In Life Sciences (Genomics and Proteomics) (Merit: Pretty good)

Sciences Faculty of Sfax, Tunisia

In this course, a wide variety of subjects were covered, including replication and genomic plasticity, regulation of metabolic pathway, identification of microorganism and systematic, applied microbiology and environmental, gene expression and regulation, signalization and cell communication, genetic of plant, genetic of animals, populations genetic, developmental genetics assessment, genomics and research methods, transcriptome and research methods, multifactorial inheritance and immunogenetics, monogenic inheritance, cancer genetics and oxidative stress and pathology

Degree: Research Master's in Genomics and Proteomics

July 2015

Merit: Very good

Master's research title: "Protective effects of *Rhanterium Suaveolens* against toxicity induced by a neonicotinoid pesticide, acetamepride."

2010- 2013

Applied License in Surgical Instrumentation (Merit: Pretty good)

Higher School of Health Sciences and Techniques of Sfax, Tunisia

A three-year program which included: public health, General and applied microbiology, general anatomy, topographic anatomy, general physiology, psycho sociology, general pharmacology, parasite immunology, semiology, chemistry and biochemistry, cellular histone biology, nursing, physics and biophysics, introduction to surgical instrumentation, medical pathology, general surgery, urology, traumatology orthopedics, anesthesiology, radiology, geriatrics, histology, gynecology, operative techniques in urology, operative techniques in obstetrics and gynecology, operative techniques in orthopedics, operative techniques in visceral surgery, pediatric surgery, thoracic surgery, maxillofacial ophthalmology otolaryngology, neurosurgery and operative techniques in pediatric surgery

2010

Baccalaureate in Experimental sciences (Merit: Pretty good)

Hay Lahbib Secondary School of Sfax, Tunisia

In this course, a wide variety of subjects were covered, including Life and earth sciences, Physical science, mathematics, physical education, Information Technology (IT), languages (Arabic, French, English, and Italian), etc.

Training Internships

3-24 February 2020	Mobility scholarship in Department of Engineering , University of Messina, C.da Di Dio, I-98166 Messina, Italy under the supervision of Professor Giovanni Neri .
22 February- 22 July 2019	Mobility scholarship under the Erasmus + KA107 Project. An Erasmus Internship in Department of Clinical and Experimental Medicine , University of Messina, 98125 Messina, Italy the supervision of Professor Alessandra Biffo .
22 October-22 December 2018	Mobility scholarship in Department of Bioelectronics and Biosensors , Alagappa University, Karaikudi-630 004, India under the supervision of Professor Chinnathambi Sekar .
15 September 2017-15 June 2018	Mobility scholarship in Department of chemical, biological, pharmaceutical and environmental sciences , university of Messina, 98168 road annunziata, Italy under the supervision of Dr. Antonio Speciale .
January 2011- June 2013	An internship was held at the University hospital habib bourguiba and Hedi chaker: Surgical specialties from January 2011 to June 2013.
19 October-19 December 2015	An internship was held at the University hospital habib bourguiba: Laboratory of f Anatomy pathological cytology . Subject of the internship: Mastering the technique of histology

Trainings, Conferences and Events

- ✦ Training in Introductory Presentation Techniques
- ✦ Training in biostatistics (ATPBE Association)
- ✦ Training in Neurolinguistic Programming (NLP)
- ✦ Training in Writing Scientific Paper (ATURED Association)
- ✦ Conference entitled "How to Write, Submit and Publish a Scientific Paper"
- ✦ Event Startup Weekend Sfax: Member of the project named "ALGUA"
- ✦ Conference entitled "Nutraceutica alimentazione e salute " 11-12 may 2018, Messina, Italy.
- ✦ Training in Leadership (MEPI Program, Association of Women's Enterprise for Sustainability - WES)

Congresses and Symposiums

2019	Poster communication presented at the Third Mediterranean Congress on Bio- analysis in Mahdia, Tunisia.
2018	Oral communication presented at International Conference on Recent Trends in Zoology, Biodiversity, Genetics & Environmental Sciences 2018 Dec 04-05, 2018 Dr. Venkategiri Gowda Memorial Hall, Jnana Bharathi Campus, Bangalore University Bangalore 560056. India.
2017	Oral communication presented at the Eighth International Scientific Days on the Bioresources Valorisation (BIOLIVAL 2017)
2017	Poster communication presented at the Sixth International Congress of Physiology and Environmental Monitoring (ATPBE 2017)

- Participation in the first symposium on "Biomedical research and animal experimentation"
- 2017 | Poster communication presented at the twenty-eighth International Congress of biological sciences and biotechnologies (ATSB 2017)
- 2016 | Oral communication presented at the Fifth International Congress of Physiology and Environmental Monitoring (ATPBE 2016)
- 2016 | Poster presented at the Seventh International Congress of Integrative Biology and Valorization (ATVAB 2016)

Publications

- ✦ **CHELLY, Sabrina**, CHELLY, Meryam, SALAH, Hichem Ben, et al. HPLC-DAD analysis, antioxidant and protective effects of Tunisian *Rhanterium suaveolens* against acetamiprid induced oxidative stress on mice erythrocytes. *Chemistry & Biodiversity*, 2019, vol. 16, no 12, p. e1900428. **(IF=2.039)**
- ✦ Chelly, Meryam, **Chelly, Sabrina**, Occhiuto Cristina, Cimino Francesco, Cristani, Mariateresa, Saija, Antonina, Muscarà, Claudia, Ruberto, Giuseppe, Speciale, Antonio, Bouaziz-Ketata, Hanen, Siracusa, Laura. Comparison of phytochemical profile and bioproperties of methanolic extracts from different parts of Tunisian *Rumex roseus*. *Chem Biodivers*. 2021 Apr 16. doi: 10.1002/cbdv.202100185. Epub ahead of print. PMID: 33860977. **(IF=2.039)**
- ✦ CHELLY, Meryam, **CHELLY, Sabrina**, ZRIBI, Rayhane, et al. Synthesis of Silver and Gold Nanoparticles from *Rumex roseus* Plant Extract and Their Application in Electrochemical Sensors. *Nanomaterials*, 2021, vol. 11, no 3, p. 739. **(IF=4.3)**
- ✦ CHELLY, Meryam, **CHELLY, Sabrina**, SALAH, Hichem Ben, et al. Characterization, antioxidant and protective effects of edible *Rumex roseus* on erythrocyte oxidative damage induced by methomyl. *Journal of Food Measurement and Characterization*, 2020, vol. 14, no 1, p. 229-243. **(IF=1.69)**
- ✦ CHAËBANE, Mariem, ELWEJ, Awatef, GHORBEL, Imen, **CHELLY, Sabrina**, et al. Penconazole alters redox status, cholinergic function and lung's histoarchitecture of adult rats: Reversal effect of vitamin E. *Biomedicine & Pharmacotherapy*, 2018, vol. 102, p. 645-652. **(IF=3.7)**

- ✦ ELWEJ, Awatef, CHAABANE, Mariem, GHORBEL, Imen, **CHELLY, Sabine**, et al. Effects of barium graded doses on redox status, membrane bound ATPases and histomorphological aspect of the liver in adult rats. *Toxicology mechanisms and methods*, 2017, vol. 27, no 9, p. 677-686. **(IF=2.3)**

TECHNICAL SKILLS

- ✦ Microsoft Office – **Advanced**: Word, Excel, PowerPoint, Outlook, Microsoft Project...
- ✦ Video editing – **Intermediate**

PERSONAL TRAITS & HOBBIES

- ✦ Reading books.
- ✦ Watching documentaries and films.
- ✦ Swimming and dancing.

LINGUISTIC COMPETENCE

Language	Ordering	Spoken	Written
Arabic	1st Language	Excellent	Excellent
French	2nd Language	Excellent	Excellent
English	3rd Language	Excellent	Excellent
Italian	4rd Language	Excellent	Excellent