



TO THE RECTOR OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE A004

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Biomedical Sciences for health**

Scientist- in - charge: Prof. DOZIO ELENA

[**Amira MAHFOUDHI**]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Amira
Name	MAHFOUDHI

PRESENT OCCUPATION

Appointment	Structure
PHD researcher student	At the laboratory of biochemistry and enzymatic engineering of lipases.

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
PhD	In biological sciences (Biochemistry)	Faculty of Sciences of sfax, Tunisia	2024
Degree of medical specialization	Biochemistry	Faculty of Sciences of sfax, Tunisia	
Master Degree	Master Degree in Genomics And Proteomics	Faculty of Sciences of sfax, Tunisia	2019
Master	in Genomics And Proteomics	Faculty of Sciences of sfax, Tunisia	
Degree of European specialization			
Other			

FOREIGN LANGUAGES



Languages	level of knowledge
English/French	B2

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2022	SCHOLARSHIP

TRAINING OR RESEARCH ACTIVITY

Thesis internship at the Department of Chemistry, Biology and Pharmacy at Università degli Studi di Messina – Italy

PROJECT ACTIVITY

Year	Project

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
2024	the 22th International Days of Biotechnology (IDB2024) Congress	Hotel Vincci Saphir Palace, Yasmine Hammamet (Tunisia)
2024	Doctoral Days	Faculty of Sciences of Sfax, TUNISIA
2023	Workshop Certificate of attendance to the plenary conference of the workshop entitled "Workshop of Prokaryotic Whole Genome Sequencing: Illumina and Nanopore technologies"	The Biotechnology Center of Sfax, TUNISIA
2023	Training about Screening of active molecules via molecular docking	Faculty of Sciences of Sfax, TUNISIA
2023	Mastering Meta-analysis with R language training	Faculty of Sciences of Sfax, TUNISIA



2022	9th Scientific Days of the Tunisian Association of Toxicology (ATT): "Health and Environmental Protection for Sustainable Development"	Congress at the Vincci Marília Hotel, Yasmine Hammamet, TUNISIA
2023	Pedagogical Training	Faculty of Sciences of Sfax, TUNISIA
2022	Certificate of Training in English Communication	Faculty of Sciences of Sfax, TUNISIA
2022	Training in bioinformatics for genetics	Engineering House of Sfax, TUNISIA
2022	Certificate of Training in Bibliographic Management with Zotero and Endnote	Faculty of Sciences of Sfax, Spectrum Training Center.
2021	Certificate of Training in English: Writing of scientific articles	Faculty of Sciences of Sfax, TUNISIA
2021	Certificate of training in Python	Faculty of Sciences of Sfax, TUNISIA
2020	Training certificate in Experimental Design and Statistics	National School of Engineers – PETROFOR Center.

PUBLICATIONS

1.	[Fungal Lipases as Biocatalysts: a Promising Platform in Several Industrial Biotechnology Applications, Biotechnology and Bioengineering, DOI: 10.1002/bit.28245, September 2022...]
2.	[Traditional homemade Tunisian vinegars: Phytochemical profile, biological, physicochemical and microbiological properties, August 2021, LWT 152(3):112293, DOI: 10.1016/j.lwt.2021.112293 ...]
3.	[Efficient Green Enzymatic Synthesis of Lipophilic Piperic Acid Esters By Immobilized Rhizopus oryzae Lipase: Optimization and Antioxidant Activities, Mars 2024, Catalysis Letters 1-19, DOI: 10.1007/s10562-024-04650-w...]
4.	[Characterization of Some Plant Extracts, Piperine, and Piperic Acid and Their Anti-Obesity and Anti-Acne Effects Through the In Vitro Inhibition of Pancreatic and Bacterial Lipases, November 2024, Catalysts 14(11):776, DOI: 10.3390/catal14110776...]

Congress proceedings
[«Efficient Green Enzymatic Synthesis of Lipophilic Piperic Acid Esters By Immobilized Rhizopus oryzae Lipase: Optimization and Antioxidant Activities» Oral presentation , Hotel Vincci Saphir Palace, Yasmine Hammamet (Tunisia) , 2024]
[Fungal Lipases as Biocatalysts: a Promising Platform in Several Industrial Biotechnology Applications, Oral presentation, Vincci Marília Hotel, Yasmine Hammamet, 2022]
[title, structure, place, year]

OTHER INFORMATION

I Assisted the Open day of the 5th edition of DOCTOCHEM in Messina Italy on the 29-30 November 2022
I Assisted the Workshop of Prokaryotic Whole Genome Sequencing: Illumina and Nanopore technologies on the 11 December 2023, at the Biotechnology Center of Sfax.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph



1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that **CV WILL BE PUBLISHED** on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: _____, _____