



TO THE RECTOR OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE A034

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 Medical Biotechnology and Translational Medicine**

Scientist- in - charge: Prof. Riva Paola

[**Amira MAHFOUDHI**]

CURRICULUM VITAE

PERSONAL INFORMATION

| | |
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| Surname | Amira |
| Name | MAHFOUDHI |

PRESENT OCCUPATION

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| 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 |
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TRAINING OR RESEARCH ACTIVITY

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

| Year | Project |
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PATENTS

| Patent |
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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 |



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| 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

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| 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...] |

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| 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

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| 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: _____, _____