

Ikram ZRIBI

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EDUCATION

Doctoral thesis in plant biotechnology **Present**

Faculty of informatics and sciences-Szeged/Hungary

Research Master in Plant Biotechnology **2019**

Faculty of sciences Sfax– Tunisie

License in Molecular and Cellular Biology **2016**

Faculty of sciences Sfax– Tunisie

Baccalaureate of Experimental Sciences **2013**

Secondary school Mjida bouilila Sfax– Tunisie

PROFESSIONAL EXPERIENCE

PhD STUDENT 2021- Present

Biology research center BRC/ Szeged- Hungary

- Process and analyze data from experiments in plant biotechnology, plant transformations.
- Carry out microbiological experiments and carry out microbiological tests.
- To master molecular cloning techniques.
- Master the PCR amplification technique.
- Carry out and organize experiments in biochemistry.
- Search for data in biological databases.
- Use bioinformatics and biomolecular modeling software.
- Interpret and enter results, write reports.

M2 Intern

1 September 2018/28 February 2019

L'INRA Montpellier, France/ Biochemistry & Plant Molecular Physiology

- Carry out several experiments such as molecular cloning, transgenesis, microbiology, phenotyping by imaging.

Internship

1 february 2018/30july2018

Centre of biotechnologie Sfax CBC Sfax-Tunisie

- Carry out experiments in biochemistry, molecular biology, cell biology and bioinformatics.

Internship

1month (summer 2017)

Centre of biotechnologie Sfax CBC Sfax-Tunisie

- manipulate PCR, electrophoresis, protein purification experiments.

Internship

1-month (summer 2016)

Faculty of sciences Sfax / Laboraty of plant biotechnology

Carry out agricultural experiments for a new variety of date palm.

Internship

1-month (summer 2014)

Habib Bourguiba Sfax Hospital / Hematology laboratory

- Analyze the blood and the hematopoietic organs, perform various tests: CBC, blood grouping, sedimentation rate ...

LANGUAGES

Arabic, French, English

SCIENTIFICS PUBLICATIONS

- **Zribi Ikram**, Ghorbel Mouna, Haddaji Najla, Besbes Malek, Brini Faiçal. Genome-Wide Identification and Expression Profiling of Pathogenesis-Related Protein 1 (PR-1) Genes in Durum Wheat (*Triticum durum* Desf.). *Plants*. (2023) May 16;12(10):1998.

Link: https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Genome-Wide+Identification+and+Expres-sion+Profiling+of+Pathogenesis-Related+Protein+1+%28PR-1%29+Genes+in+Durum+Wheat+%28Triticum+du-rum+Desf.%29&btnG=

- Ghorbel Mouna, **Ikram Zribi**, Najla Haddaji, Malek Besbes, Nouha Bouali, and Faiçal Brini. "The Wheat Pathogenesis Related Protein (TdPR1. 2) "Ensures Contrasting Behaviors to *E. coli* Transformant Cells under Stress Conditions." *Advances in Microbiology* 11, no. 9 (2021): 453-468.

Link: https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=The+wheat+pathogenesis+related+pro-tein+%28TdPR1.+2%29+ensures+contrasting+behaviors+to+E.+coli+transformant+cells+under+stress+condi-tions&btnG=

- Ghorbel Mouna, **Ikram Zribi**, Khawla Missaoui, Marwa Drira-Fakhfekh, Basma Azzouzi, and Faiçal Brini. "Differential regulation of the durum wheat Pathogenesis-related protein

(PR1) by Calmodulin TdCaM1. 3 protein." *Molecular Biology Reports* 48, no. 1 (2021): 347-362.

Link: https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Differential+regulation+of+the+durum+wheat+Pathogenesis-related+protein+%28PR1%29+by+Calmodulin+TdCaM1.+3+protein&btnG=

- **Zribi Ikram**, Mouna Ghorbel, and Faiçal Brini. "Pathogenesis Related Proteins (PRs): From Cellular Mechanisms to Plant Defense." *Current Protein & Peptide Science* (2020).

Link: https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Pathogenesis+Related+Proteins+%28PRs%29%3A+From+Cellular+Mechanisms+to+Plant+Defense&btnG=

- Thouin Julien, Man Yuan Guo, **Ikram Zribi**, Nicolas Pauly, Mohammed Mouradi, Cherki Ghoulam, Hervé Sentenac, and Anne-Aliénor Véry. "The *Medicago truncatula* HKT family: Ion transport properties and regulation of expression upon abiotic stresses and symbiosis." (2020).

Link: https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=The+Medicago+truncatula+HKT+family%3A+Ion+transport+properties+and+regulation+of+expression+upon+abiotic+stresses+and+symbiosis&btnG=