



PERSONAL INFORMATION

Marwa Mourni



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Sex Female | Date of birth 03 November 1987 | Nationality Tunisian

EDUCATION AND TRAINING

2019-2020

PhD. Agricultural, Food and Environmental Sciences, Marche Polytechnic University.

PhD. Plant Protection; The National Agricultural Institute of Tunisia  
Assegnista di ricerca in Department of Agricultural, Food and Environmental Sciences, Marche Polytechnic University.

2018-2019

Fifth year PhD in Biological and Integrated control in agriculture

The National Agricultural Institute of Tunisia (INAT) The National Institute of Agronomy of Tunisia (INRAT)

My PhD subject entitled "Morphological and molecular identification of seedborne fungi of squash (*Cucurbita maxima*) and approaches to control."

- Seed treatments to control seedborne fungal pathogens
- Detection of seedborne fungi on caraway and Cumin
- Detection of mycotoxin product by *Aspergillus* in seeds of Caraway and Cumin
- Survey and identification of seedborne fungi of squash (*Cucurbita maxima* and *Cucurbita moschata*) in Italy.

**Training:** 30 August -30 November, 2018 at Marche Polytechnic University, Department of Agricultural, Food and Environmental Sciences.

2017-2018

Fourth year PhD in Biological and Integrated control in agriculture

The National Agricultural Institute of Tunisia (INAT) The National Institute of research in Agronomy of Tunisia (INRAT)

My PhD subject entitled "Morphological and molecular identification of seedborne fungi of squash (*Cucurbita maxima*) and approaches to control."

- transmission of seedborne
- Seed treatments to control seedborne fungal pathogens

Member of Italian Phytopathological Society (SIPaV)

Participation in XXIV National Congress Italian Phytopathological Society (SIPaV)

2016-2017

Third year PhD in Biological and Integrated control in agriculture

The National Agricultural Institute of Tunisia (INAT) The National Institute of research in Agronomy of Tunisia (INRAT)

My PhD subject entitled "Morphological and molecular identification of seed borne fungi of squash (*Cucurbita maxima*) and approaches to control."

- Design of specie-specific primer and testing specificity on fungal cultures
- DNA extraction from seed and molecular detection of fungal pathogens
- Survey and identification of postharvest diseases of grapes.
- Use of essential oils to control gray mould (*Botrytis Cinerea*).

**Training:** 15 April- 5 August, 2017 at Marche Polytechnic University, Department of Agricultural, Food and Environmental Sciences. Participation in workshop "Innovation in postharvest management of fruit and vegetables" with oral presentation "[http://www.postharvest.biz/en/news/workshop-of-innovation-in-postharvest-management-of-fruit-and-vegetables-in-ancona-italy/\\_id:80090/](http://www.postharvest.biz/en/news/workshop-of-innovation-in-postharvest-management-of-fruit-and-vegetables-in-ancona-italy/_id:80090/)".

2015-2016 **Second year PhD in Biological and Integrated control in agriculture**

The National Agricultural Institute of Tunisia (INAT) The National Institute of research in Agronomy of Tunisia (INRAT)

My PhD subject entitled "Morphological and molecular identification of seed borne fungi of squash (*Cucurbita maxima*) and approaches to control."

- DNA extraction from fungal colonies
- Sequencing of fungi
- Molecular identification of the fungal by species-specific primers

**Training:** 02 Mai- 30 July, 2016 at Marche Polytechnic University, Department of Agricultural, Food and Environmental Sciences.

2014-2015 **First year PhD in Biological and Integrated control in agriculture**

The National Agricultural Institute of Tunisia (INAT) The National Institute of research in Agronomy of Tunisia (INRAT)

My PhD subject entitled "Morphological and molecular identification of seed borne fungi of squash (*Cucurbita maxima*) and approaches to control."

- Collection of infected seeds and Isolation of the causal agents
- Morphological identification through Blotter Test and Agar test

**Training:** 15 November- 15 December, 2015 at Marche Polytechnic University, Department of Agricultural, Food and Environmental Sciences.

- Participation in Premier Symposium National sur la protection intégrée des plantes (SYNPIP-2015), 20-21 April 2015, Hôtel Marhaba Palace, Sousse, Tunisia. **Poster** " Identification de quelques espèces de *Fusarium* transmises par des semences de melon (*cucumis melo* L.)" and **oral communication** " Identification de *Rhizoctonia solani* sur des plantules de melon et pastèque en culture sous serre"

2012-2014 **Master Degree in Biological and Integrated control in agriculture**

The National Agricultural Institute of Tunisia (INAT) The National Institute of research in Agronomy of Tunisia (INRAT)

My Master subject entitled "Identification of seed borne fungi of muskmelon (*Cucumis melo*) and watermelon (*Citrullis lanatus*)."

- Collection of infected seeds and Isolation of the causal agents
- Morphological identification through Agar test
- Test of pathogenicity

2010-2011 **Engineering diploma in Agricultural Science**

High Agronomic school of Kef (ESAK)

I carried out a project dealing with Virus of Artichoke

- Collection of symptomatic Plants

- Serological identification through ELISA Test
- Viral Sanitation by meristem culture

**Training:**

- 9-16 June, 2011 at Les Sardières, 79 Avenue de Jasseron à 01000 BOURG EN BRESSE- France. The Program of training "Identification of new varieties of high yielding cereals and presentation of their agronomical performances"
- 15-27 March and 15-31 July 2010 at Inter-professional Grouping of Vegetables (Groupement Interprofessionnel des Légumes GIL). The program of training "in vitro culture and its applications for the sanitation and micro propagation of several plant species and micrografting in citrus"
- 15 July to 15 August 2009 at Ministry of Agriculture and Water Resources - Tunisia

2006-2008 **Preparatory cycle to engineering studies**

- Preparatory cycle biology-geology at National Institute of agronomy in Tunis Carthage University (INAT).
- Engineering entrance exam.

2005-2006 **Scientific Baccalaureate**

Lycée Wafa, Ariana, Tunisia.

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	Excellent	Excellent	Excellent	Excellent	Excellent
English	Good	Good	Good	Good	Good
Italian	Basic	Basic	Basic	Basic	Basic

Organisational / managerial skills ▪ Capacity to work with lab team

Scientific skills ▪ Polymerase Chain reaction (PCR)  
 ▪ Production of polyclonal antisera  
 ▪ *In Vitro* culture  
 ▪ Design of specific primers  
 ▪ Morphological identification

Digital competence ▪ Good command of office suite (word and excel processor, spread sheet, presentation software (Powerpoint))  
 ▪ Good conducting analysis with statistical software SPSS.

- Good design of primer with ClustalX.
- Good command of photo editing software.

Driving licence   ▪ A,B

## PUBLICATION AND CONGRESS

### Publications

- Mezrioui K., Allagui M. B., Mourni M., 2018. Analyse des agents fongiques nécrotrophes associés aux raisins de table en post-récolte. Annales de l'INRAT, 91, 185-198.
- Mourni M., Mancini V., Allagui M.B., Murolo S., Romanazzi G., 2019. Black rot of squash (*Cucurbita moschata*) caused by *Stagonosporopsis cucurbitacearum* reported in Italy. *Phytopathologia Mediterranea*, 58, 379-383.
- Mourni M., Allagui M.B., Mancini V., Murolo S., Tarchoun N., Romanazzi G., 2020. Morphological and molecular identification of seedborne fungi in squash (*Cucurbita maxima*, *Cucurbita moschata*). *Plant Disease*, 104 (in stampa).
- Mourni M., Allagui M.B., Mancini V., Murolo S., Tarchoun N., Romanazzi G., 2020. Monitoraggio e diagnosi di funghi trasmessi per semi in zucca (*Cucurbita maxima*, *Cucurbita moschata*) mediante metodi classici e molecolari. *ATTI Giornate Fitopatologiche*, 2.

### Membership

- Membership in **Italian Phytopathological Society (SIPaV)**.
- Membership in **American Phytopathological Society (APS)** (Interview in *Phytopathology News* page 80 [https://www.apsnet.org/members/community/phytopathology\\_news/2019/June/Documents/2019\\_06.pdf](https://www.apsnet.org/members/community/phytopathology_news/2019/June/Documents/2019_06.pdf))
- Membership in **ISPP seed Pathology Committee**

### Participation in Congress

- **2015:** Premier Symposium National sur la protection intégrée des plantes (SYNPIP-2015). Poster " Identification de quelques espèces de *Fusarium* transmises par des semences de melon (*cucumis melo* L.)" and oral communication " Identification de *Rhizoctonia solani* sur des plantules de melon et pastèque en culture sous serre"
- **2017:** Participation in workshop "Innovation in postharvest management of fruit and vegetables" with oral presentation " [http://www.postharvest.biz/en/news/workshop-of-innovation-in-postharvest-management-of-fruit-and-vegetables-in-ancona-italy/\\_id:80090](http://www.postharvest.biz/en/news/workshop-of-innovation-in-postharvest-management-of-fruit-and-vegetables-in-ancona-italy/_id:80090)".
- **2018:** ICPP congress with poster "Detection of squash seedborne pathogens"
- **2018:** Participation in XXIV National Congress Italian Phytopathological Society (SIPaV) with two Posters and one oral presentation.
- **2018:** Participation in Corso sui Brevetti
- **2018:** Participation in SIROE congress V.
- **2019:** Participation in Congress: L'identification des champignons des semences des céréales et de légumineuses et sur les mycotoxines