

Resume



DIMITRA PAPANTONIOU

Agronomist

CONTACT INFORMATION

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DATE, PLACE OF BIRTH

07/10/1989
Corinth, Greece

NATIONALITY

Greek

PLACE OF CURRENT RESIDENCE

313 Lincoln Avenue, 77840
College Station, Texas
USA

LANGUAGES

Greek (mother tongue)
English (advanced user)
German (basic communication skills)

HOBBIES

Cycling
Swimming
Drawing
Literature reading

EDUCATION

PhD in plant-microbe-insect interactions, Department of Biosciences, Friedrich Schiller University of Jena, Germany

04/2018-12/2022, Defense: 13/05/2023

Thesis dissertation: "An integrated "omics" approach to unravel the impact of root symbionts on tomato direct and indirect defenses against insect herbivores"

Master of Science in Horticultural Genetics and Biotechnology, Mediterranean Agronomic Institute of Chania, Greece

10/2013-09/2015

Thesis dissertation: "Identification of the tomato SIP4H1 and SIP4H3 protein interaction partners via co-immunoprecipitation studies in *Solanum lycopersicum*"

Integrated Masters in Agricultural Biotechnology, Agricultural University of Athens, Greece

10/2007-09/2013

Thesis dissertation: "Study of the effectiveness of various herbicides against five biotypes of *Phalaris minor* Retz."

WORK EXPERIENCE

Texas A&M University, Agrilife Research, Department of Entomology, College Station, USA, Post-doctoral research associate

04/2024-now

Project 1: Investigating the defense responses of cucurbit plants to saltmarsh caterpillar herbivory

Project 2: Investigating the impact of black soldier fly and probiotics on the reduction of greenhouse gases and noxious odor production in dairy manure

German Centre for Integrative Biodiversity Research, Leipzig, Germany, Doctoral researcher

04/2018-12/2022

Project: Investigating the impact of beneficial root microbes on tomato plant defenses against the beet armyworm and tobacco hornworm

University of Thessaly, Department of Biochemistry and Biotechnology, Larissa, Greece, Research assistant

02/2017-03/2018

Project 1: Investigating the impact of the beneficial fungus *Fusarium solani* strain K on the indirect defenses of tomato plants

Project 2: Development of a hairy root transformation protocol for the leguminous plant *Lotus japonicus*

“Paschalis Siakovellis” private company of agricultural services, counselling and sales of agricultural products, Corinth, Greece, Agronomist

10/2015-01/2017

Responsibilities: Offering scientific advice to local farmers in case of crop diseases and insect infestations

SKILLS

Plant cultivation
Microbial colonies cultivation
Insect rearing
Plant chemical ecology
Gas Chromatography-Mass Spectrometry
Liquid Chromatography-Mass Spectrometry
Molecular biology
Microsoft office
R programming language
Excellent communication and presentation skills
Leadership skills
Ability to work in a team
Adaptability
Ability to solve problems
Ability to multitask
Fast learner

RECOMMENDATION LETTERS

Provided upon request

PUBLICATIONS

Provided upon request