DIMITRA **ANGELOPOULOU**

RESEARCH SCIENTIST

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PROFILE

An agronomist specialising in Plant Pathology and Physiology. Experienced in field and glasshouse experimental design, phenotyping, data analysis and report writing. Passionate about sustainable future food security and applied scientific innovation. Team player with an eye for detail.

SKILLS

- Experimental design
- Phenotyping
- Molecular biology
- Bioinformatics & Data analysis
- Problem solving
- Project management
- Report writing & Dissemination
- Collaboration & Networking

EDUCATION

PHD CROP SCIENCE

University of Nottingham

2017 - 2022

MSC CROP IMPROVEMENT

University of Nottingham

2015 - 2016

BSC CROP SCIENCE

Agricultural University of Athens

2007 - 2014

EXPERIENCE

POSTDOCTORAL RESEARCHER

University of Thessaly

2022 - Present

- Innovative tools to combat Mediterranean crop pathogens
- Coordinating, performing and analysing experimental work
- Deliverables dissemination (publications, social media, public engagement)
- General laboratory management and student supervision

RESEARCH ASSISTANT

University of Nottingham

2016 - 2017

- Assistance with glasshouse trials of wheat germplasm
- Data analysis and presentation
- Maintenance and organisation of laboratory equipment

RESEARCH ASSISTANT

Scottish Rural College (SRUC)

2013

- Assistance with general laboratory tasks and experiments

SCIENCE ENGANGEMENT

- XVII International Conference on the Plant Family of Solanaceae, Thessaloniki Greece, November 2022
- International Symposium on Cereal Leaf Blights (ISCLB), Dublin Ireland, May 2019
- Agrifood Charities Partnership (AFCP) Student Forum, Reading UK, April 2019
- 11th International Verticillium Symposium, Göttingen Germany, May 2013
- 16th Hellenic Phytopathological Congress, Thessaloniki Greece, October 2012

PUBLICATIONS

- Angelopoulou D, Dambire C, Swarup R, Kanyuka K, Murchie E, Ray R (in preparation) Wheat plants overexpressing the photoprotective protein PsbS possess enhanced broad resistance against the fungal pathogen *Zymoseptoria tritici*.
- Angelopoulou D, Dambire C, Kanyuka K, Murchie E, Ray R (in preparation) Role of photoprotection in *Stb6*-mediated wheat responses to *Zymoseptoria tritici*.
- Ajigboye O, Jayaweera D, Angelopoulou D, Ruban A, Murchie E, Pastor V, Summers R, Ray R (2021) The role of photoprotection in defence of two wheat genotypes against *Zymoseptoria tritici*. Plant Pathology 70: 14211435.
- Angelopoulou DJ, Naska EJ, Paplomatas EJ, Tjamos SE (2014) Biological control agents (BCAs) of verticillium wilt: influence of application rates and delivery method on plant protection, triggering of host defence mechanisms and rhizosphere populations of BCAs. Plant Pathology 63 (5): 1062-1069.

ADDITIONAL INFORMATION

- Strong background in outreach activities and public engagement
- Teaching experience
- Awarded student and travel bursaries
- Attendance in several international training workshops (LC-MS, HPLC, IRGAs)
- Student Representative during MSc
- Greek, English, French