

Curriculum Vitae

Personal information

<i>Surname</i>	GEDEON
<i>Name</i>	STELLA
<i>Father's name</i>	MARIOS
<i>Address</i>	5 Theodosi Pieridi str., 4632 Kolossi, Limassol, Cyprus
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<i>E-mail</i>	stela-ged@hotmail.com
<i>Date of birth</i>	02/08/1995

Education

2012-2013	Graduated from St. Antonios Lyceum (Grade:19 8/12)
2014-2018	BSc, Aristotle University of Thessaloniki, School of Biology (Grade: 7,22)
2019-2021	MSc, Cyprus University of Technology, CUT Agricultural Biotechnology Department of Agricultural Sciences, Biotechnology and Food Science (Grade: 9,424)

Mother Language

Greek

Other Languages

English:

- Anglia Proficiency Diploma
- IGCSE

Further Diplomas

GCE Mathematics

Computing

Very good knowledge of WORD, EXCEL, POWERPOINT

Research

02/2018 - 04/2018	Internship: CERTH - Center for Research and Technology Hellas/ INAB Institute: Participation in research and fulfillment of tasks for agrobiotechnology laboratory purposes
09/2017 – 10/2018	Bachelor Thesis: CERTH - Center for Research and Technology Hellas/ INAB Institute, Title: «Identification of the species <i>Salvia officinalis</i> and <i>S. ringens</i> based on genetic polymorphisms» (Grade:10/10)
07/2020 - 06/2021	Master Thesis: CUT - Cyprus University of Technology, Title: «Application of Biostimulants in tomato plants (<i>Solanum lycopersicum</i>) to improve plant growth and stress tolerance under high salt conditions» (Grade:10/10) Research on: <ul style="list-style-type: none">• Plant priming / plant responses subjected to the application of biostimulants, under optimum and abiotic stress conditions (salinity and drought).• Participation in other research and fulfillment of tasks for plant stress physiology laboratory purposes

Qualifications- Laboratory Skills

- Plant priming technology knowledge – Biostimulants application on plants
- Morpho-physiological, biochemical, enzymic and molecular analysis of plant responses
- DNA/RNA extraction
- Gel Electrophoresis
- Preparation of MS substrates and selection substrates
- PCR methods (PCR and rT-qPCR)
- RFLP's method
- Field sampling and plant tissue sampling using liquid nitrogen
- Tissue section and observation of cells and organs in the optical microscope
- Sterilization of seeds
- Design of experiments (*in vivo*, *in vitro*)

Publications:

Christou, Anastasis & Stylianou, Marinos & Georgiadou, Egli C. & **Gedeon, Stella** & Ioannou, Andreas & Michael, Costas & Papanastasiou, Panos & Fotopoulos, Vasileios & Fatta-Kassinos, Despo. (2021). Effects of biochar derived from the pyrolysis of either biosolids, manure or spent coffee grounds on the growth, physiology and quality attributes of field-grown lettuce plants. *Environmental Technology & Innovation*. 26. 10.1016/j.eti.2021.102263.

Stavridou E, Michailidis M, **Gedeon S**, Ioakeim A, Kostas S, Chronopoulou E, Labrou NE, Edwards R, Day A, Nianiou-Obeidat I and Madesis P (2018) Tolerance of Transplastomic Tobacco Plants Overexpressing a Theta Class Glutathione Transferase to Abiotic and Oxidative Stresses. *Front. Plant Sci.* 9:1861. doi: 10.3389/fpls.2018.01861

Conferences:

Poster presentation for « Identification of the species *Salvia officinalis* and *S. ringens* based on genetic polymorphisms», Thessaloniki 17th Panhellenic Conference of the Hellenic Scientific Society for Genetics and Plant Breeding, 17-19 October 2018, Patra, Greece.

Personal traits and prior experience

I believe that I am the right person to undertake this project because of my knowledge and experience in the field of plant priming technology, that I gained during my postgraduate studies. During that time, I had among others, the opportunity to be involved in two priming-related research, with me being the main researcher. Their purpose, in brief, was the application of biostimulants to tomato plants and the observation of their responses to abiotic stress conditions, on a phenotypic, morpho-physiological, biochemical, enzymatic and molecular level and their results were quite promising. The application of biostimulants and other priming agents (PAs) to other fruits with great agricultural interest, for which there is insufficient research in the terms of priming technology, is equally interesting and worthy of further research. At the same time, the investigation of the exact mode of action of these substances, using omics technology (e.g. transcriptomics, metabolomics), will open up new horizons for the use of priming technology in plants. Thus, I believe that the application of pre-existing knowledge as well as the opportunity to acquire new knowledge, given through the specific program, can lead to important findings, something that I have as a goal, taking over this program.

