

EDUCATION

Paroikia-Paros Community High School
2010-2012

Agricultural University of Athens B.Sc
2012-2017

-Dissertation: " Combinational action of Lefkothea protein and auxin during early stages of plant development (*Arabidopsis thaliana*) ."

University of Crete – Master Thesis in Bioinformatics
2017-2019

-Dissertation : " Comparative analysis of potential new gene-targets for pesticides "

ALEXIA AKALESTOU

M.Sc. Bioinformatics

Date /Place of Birth : 14 January
1994 , Lyon-France

Address: Lissou 27, 71500, Heraklion,
Crete, Greece

Nationality: Greek / French

CONTACT

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WORK EXPERIENCE

Research Intern :
2015-2017

Laboratory of Molecular Biology, Agricultural University of Athens. Under the supervision of Dr.Hatzopoulos while working on my Dissertation where among others techniques studied were the following : DNA recombination, RNA isolation, PCR, GUS staining, microscopy

Research Intern :
2016 (months of July – August)

Plant Reproduction and Development Laboratory, ENS Lyon. Under the supervision of Dr.Traas Jan where I worked on plant morphogenesis with in situ hybridization.

Research Intern :
2015 (months of July – August)

Laboratory of general and agricultural microbiology. Agricultural University of Athens. Under the supervision of Dr.Georgakopoulos where I worked on ice-nucleation and the relation between plants and microorganisms.

Research Intern :
2018-2019

Institute of Molecular Biology and Biotechnology (IMBB) Foundation for Research and Technology - Hellas (FORTH). Under the supervision of Dr.Topalis where I worked on RNA-seq, Clustering and Classification methods in order to validate new potential gene targets for insecticide use in the gut of *Myzus persicae*.

ADDITIONAL INFORMATION

Languages :

- **Greek** , Native speaker
- **English**, Proficiency (Cambridge)
- **French**, DELF B2 (Commission National CIEP)

MOOCs:

-The chemistry of Life (From Kyoto University),2015

Conferences & Workshops

- Hellenic Bioinformatics Pre-Conference METAGENOMICS Tutorial at the Foundation for Research & Technology Hellas (FORTH), Heraklion, September 2017
- Hellenic Bioinformatics Pre-Conference PROTEOMICS WORKSHOP at the Foundation for Research & Technology Hellas (FORTH), Heraklion, September 2017
- Hellenic Bioinformatics Pre-Conference RNA-SEQ & CHIP-SEQ DATA ANALYSIS Workshop at the Foundation for Research & Technology Hellas (FORTH), Heraklion, September 2017
- EMBO Workshop,Dendrites 2018: Dendritic anatomy, molecules and function , June 2018 in Heraklion
- Annual Hellenic Bioinformatics Conference HELLENIC BIOINFORMATICS ,Bioinformatics and its Applications in Health, Biodiversity & the Environment ,at the Foundation for Research & Technology Hellas (FORTH), Heraklion, September 2017
- Annual Hellenic Bioinformatics Conference HELLENIC BIOINFORMATICS ,” Genome informatics Precision Medicine & Clinical Omics in a world of Data Economies “, at the Thessaloniki Concert Hall, November 2018