



# Sofia Petsangouraki

PhD candidate

## PROFILE

Dedicated and self-motivated molecular biologist. Experienced in a variety of laboratories with different areas of interest (neuroscience, developmental biology, plant physiology, microbiology and biotechnology). Hardworking, multilingual and effectively communicating with others. Committed to utilizing my skills to further mission of a company.

## CONTACT

### WEBSITE:

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### Email:

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## HOBBIES

Cooking, Hiking, Sports, Gardening

## LANGUAGES

Greek	Native speaker
English	C2 level
French	B2 level

## SKILLS

Adaptability	○○○○○
Communication skills	○○○○○
Ability to work under pressure	○○○○○
Ability to work in team	○○○○○
Microsoft Office	○○○○
Fast Learner	○○○○○

## EDUCATION

### University of Crete, Master of Science (MSc) Degree

OCT 2019 - NOV 2021: Title: "Role of myelination in hippocampal Inhibitory neurons", Grade: 9.32/10

### University of Crete, Bachelor Degree

OCT 2014 – MAR 2019 : Title: "Genes, responsible for the recognition of viral protein, p19 by the immunity receptors from Nicotiana genus" , Grade:7.62/10

## INTERNSHIPS

### ERASMUS TRAINEESHIP at INMED-INSERM, Marseille, France

MAR 2022 - JUN 2022: Title: "Functional alteration of myelinated GABAergic neurons in the hippocampus of TAG-1/Contactin2- and 4.1B-deficient mice"

### ERASMUS TRAINEESHIP at GMI-VBC, Vienna, Austria

APR 2019 – JUL 2019 : Title: "Deciphering the function of a novel plant autophagy adaptor"

## PUBLICATION

"Plant autophagosomes mature into amphisomes prior to their delivery to the central vacuole" Jierui Zhao, Mai Thu Bui, Juncai Ma, Fabian Künzl, Lorenzo Picchianti, Juan Carlos De La Concepcion, Yixuan Chen, **Sofia Petsangouraki**, Azadeh Mohseni, Marta García-Leon, Marta Salas Gomez, Caterina Giannini, Dubois Gwennogan, Roksolana Kobylinska, Marion Clavel, Swen Schellmann, Yvon Jaillais, Jiri Friml, Byung-Ho Kang, Yasin Dagdas, J Cell Biol 2022 Dec 5;221(12):e202203139. doi: [10.1083/jcb.202203139](https://doi.org/10.1083/jcb.202203139). Epub 2022 Oct 19.

## POSTERS

**FENS Forum 2022** : 9-13 July 2022, Paris | France "Functional alteration of myelinated GABAergic neurons in the hippocampus of TAG-1/Contactin2- and 4.1B-deficient mice" Delphine Pinatel , Edouard Pearlstein , Giulia Bonetto, Sofia Petsangouraki , Domna Karageorgos, Valérie Crépel, Dies Meijer, Laurence Goutebroze and Catherine Faivre-Sarrailh.

**Fondation ARSEP**: Conference on Multiple Sclerosis, 10 June 2022 at Sorbonne University , 4 place Jussieu, Paris "Functional alteration of myelinated GABAergic neurons in the hippocampus of TAG-1/Contactin2- and 4.1B-deficient mice" Delphine Pinatel , Edouard Pearlstein , Giulia Bonetto, Sofia Petsangouraki , Domna Karageorgos , Valérie Crépel , Dies Meijer , Laurence Goutebroze and Catherine Faivre-Sarrailh.

**EMBO virtual Workshop: Axons 2021**: Structure and function from 4-7 October 2021 " Myelination studies in hippocampal interneurons" Sofia Petsangouraki, Delphine Pinatel, Yannis Dalezios, Theodora Velona, Laurence Goutebroze, Catherine Faivre-Sarrailh , Domna Karageorgos

## SCIENTIFIC SKILLS

Cloning (Golden Gate , Green Gate, Digestion-Ligation), Polymerase Chain Reaction (PCR), Lysophosphatidylcholine (LPC) injection *in vivo*, Immunohistochemistry for TEM, Immunofluorescent, Confocal microscopy Leica sp8, Western Blotting, Agroinfiltration, Intracranial injection in mouse P1-P2, Viral Production in HEK293 (Transfection) , Organotypic hippocampal slices from mouse, Patch Clamp Recordings, tissue cryoprotection, cryosections, vibratome sections, plant (*A.thaliana*, *N.tabacum*) , mammal (mouse), *D.melanogaster* handlings .