



# CURRICULUM VITAE

**Electra Nenedaki**

## Personal Information

Date of birth: January 21<sup>st</sup> 1994

Place of birth: Rethimnon

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## Education

**10/2017-present:** Postgraduate student at the Graduate program "Molecular Biology and Biomedicine" (MBB), faculty of Biology and Medicine, University of Crete and IMBB-FORTH

**09/2013– 11/2017:** Undergraduate studies at the Department of Biology, University of Crete. Grade: 8.69 out of 10 "Excellent"

**09/2009-06/2012:** Graduation from High School, 3<sup>o</sup> Geniko Lykeio Rethymnou. Grade: 18<sup>9</sup>/<sub>10</sub> out of 20 "Excellent"

**09/2006-06/2009:** Graduation from Gymnasio Episkopis. Grade: 19<sup>12</sup>/<sub>13</sub> out of 20 "Excellent"

## Research Experience

**16/07/2018-present:** 2 month traineeship (rotation) on " The role of DNA damage in neurodegeneration" at the laboratory of Genome (In)stability and Mammalian Physiology ( Institute of Molecular Biology and Biotechnology , IMBB-FORTH) under the Supervision of Post-Doctoral Researcher Katerina Gkirtzimanaki and Professor George Garinis

**14/05/2018-13/07/2018:** 2 month traineeship (rotation) on "The autophagic mechanisms involved in Streptococcus Group Beta (GBS) clearance by macrophages in adult and neonatal wild type and Akt1<sup>-/-</sup> mice and their role in sepsis prevention" at the laboratory of Clinical Chemistry (Division of Laboratory Medicine, School of Medicine, University of Crete) under the Supervision of Postgraduate student Ourania Kolliniati and Professor Christos Tsatsanis

**12/03/2018-11/05/2018:** 2 month traineeship (rotation) on the "Study the response of knocked down BAK1 and SOBIR1 *N. sylvestris* plants, after apoplastic effectors infection " at the laboratory of Plant biotechnology and microbiology ( Institute of Molecular Biology and Biotechnology , IMBB-FORTH) under the Supervision of Post-Doctoral Researcher Glykeria Mermigka and Professor Panagiotis Sarris

**06/10/2016-06/08/2017:** Undergraduate training in the Laboratory of Medical Chemistry, Faculty of Medicine, University of Crete. Advisor: Prof. G. Mavrothalassitis and Prof. D. Tzamaris (collaboration). Diploma thesis: "Study of the molecular mechanism of Ets2-repressor factor (ERF)".

## Expertise

- Electrocompetent bacteria cells
- Transformation through electroporation and heat shock
- Cultures: bacteria cells, primary macrophages, cell line
- Cloning
- RNA extraction
- cDNAsynthesis
- Real-time PCR
- Agroinfiltration
- Virus induced gene silencing (VIGS)
- Mouse handling( Perfusion, tissue isolation, isolation of peritoneal macrophages from adult and neonatal mice, intraperitoneal injections)
- Brain microglia isolation
- Western blot
- immunostainings

## Languages

- English, Edexcel Level 1 Certificate in ESOL International (level B2)-2010
- German, Staatszertifikat uber sprachkenntnisse (level B1)-2010

## Computer Skills

Office (Word, Excel, Powerpoint)

## Conferences

**11/12/2015-13/12/2015:** 66<sup>th</sup> Congress of the Hellenic Society of Biochemistry and Molecular Biology  
**18/06/2018-23/06/2018:** 15th International Conference on Innate Immunity in memory of Alessandro Moretta

## Scholarships

Scholarship from the Graduate program "Molecular Biology and Biomedicine" (MBB), for achieving the third place in entrance in this Graduate program (2017-2018).