CURRICULUM VITAE

Last name: **Fanidis**
First Name: **Dionysios**
Date of Birth: 08/10/1995
Nationality: Greek
E-mail: fanidis@fleming.gr
LinkedIn: www.linkedin.com/in/dionysios-fanidis

Studies:

2017-2019:	International MSc in *Molecular Biomedicine*, Department of Medicine, School of Health Sciences, National and Kapodistrian University of Athens & BSRC Alexander Fleming, Vari, Greece. (Grade: 9.63/10.00) http://www.molecularbiomedicine.gr/
2013-2017:	BSc in *Biology*, Faculty of Biology, School of Sciences, National and Kapodistrian University of Athens. (Grade: 8.45/10.00) http://en.biol.uoa.gr/
2007-2013:	Student of Evangeliki Model School of Smyrna. http://lyk-evsch-n-smyrn.att.sch.gr/wordpress/

Experience:

08/2018-7/2019:	MSc Molecular Biomedicine Diploma Thesis under Dr. P. Moulos – Dr. P. Hatzis supervision, BSRC Alexander Fleming: *Development of integrative statistical algorithms for the analysis of gene expression data.* https://www.fleming.gr/research/programs/bioinformatics-and-computational-biology/moulos-lab
05/2018-08/2018:	Graduate trainee in Bioinformatics under Dr. P. Moulos supervision, BSRC Alexander Fleming: *Use of computational tools for de novo DNA-motif discovery based on ChIP-sequencing data.*
02/2018–05/2018:	Graduate trainee at Dr. Georgina Xanthou –Tsigkoglou Lab, Center of Basic Research, Biomedical Research Foundation Academy of Athens: *Investigation of the role of activin-A signaling in T cells in a mouse Multiple Sclerosis model.* http://www.bioacademy.gr/faculty-details/Gc8/georgina?lang=en
09/2016-07/2017:	Undergraduate Researcher at National and Kapodistrian University of Athens, School of Sciences, Faculty of Biology; Supervisor: Prof. Ioannis P. Trougakos: *Study of the mechanisms of cellular proteostasis and antioxidant response during carcinogenesis.* http://en.biol.uoa.gr/

Publications:

Fanidis, D., Moulos, P.: Combined statistics for differential expression analysis of RNA-sequencing data (participated as a short talk in the 19th IEEE BIBE Conference; awaiting publication in IEEE Xplore). https://bibe2019.ics.forth.gr/wp-content/uploads/2019/09/IEEE_BIBE_2019_Program.pdf

Fanidis, D., Moulos, P.: Algorithmic integration of RNA-Seq statistics for immunity to normalization, improved differential expression and unbiased downstream functional analysis (in preparation to be submitted in Briefings in Bioinformatics).

Skills:

- Ability to conceive, design, run and evaluate an experiment.
- Ability to develop complex bioinformatics software (my first Bioconductor package is about to be released).
- Ability to bioinformatically analyze biological datasets and interpret results.
- Ability to conduct numerous wet lab techniques: Western blot, cell culturing, proteasome inhibition and activity measurement assays, (Real-Time) PCR, ELISA, toxicity assays and others.
- Ability to manipulate laboratory mice.
- A good command of statistics so as to analyze and interpret experimental results.
- Informatics Skills:
  - Very good knowledge of R.
  - Very good knowledge of UNIX and shell-based tools.
  - Basic knowledge of Perl and Python scripting languages.
- Ability to communicate and cooperate with other people on a team basis, obtained through multiple university projects and presentations.
- Ability to teach individuals of various ages (elementary school to university students) obtained through four years' experience in delivering guitar lessons.

Summer School Attendance:

05/2019: Volos Summer School of Human Genetics (focus on computational analysis of genome-wide data) https://volossummerschool.com/#course_overview