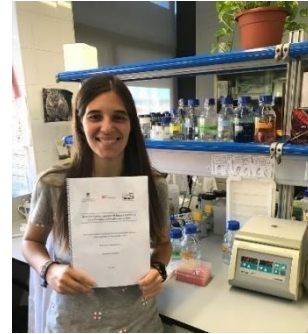MAR GARCIA VALERO

16th March 1995, Esplugues de Llobregat

Carrer Cortei, 10

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Background

- MSc in Bioinformatics and Biostatistics, *Universitat Oberta de Catalunya-Universitat de Barcelona (UOC-UB)*, 2017-2019
- MSc in Genetics and Genomics, *Universitat de Barcelona (UB)*, Barcelona, 2017- 2018
- BSc in Biology, *Universitat de Barcelona (UB)*, Barcelona, 2013-2017

Research practices and experience

- Bioinformatics MSc practices in *Catalan Institute of Oncology (ICO)*, *IDIBELL*, *Bellvitge Hospital*, Barcelona. Project: Survival analyses and signatures studies in breast cancer TCGA patients. Survival studies, published article at *PNAS* journal (Roux, C. et al. 2019)
- Final MSc Project: "Development an online application in language R/Shiny for the interactive visualization of the differential DNA methylation analysis in R/*minfi* for EPIC microarray", supervised by Dra. Izaskun Mallona.
- Final Genetics MSc Project at Genetics, Microbiology and Statistics Department, University of Barcelona (UB), in the Molecular Human Genetics Group, November 2017-September 2018. Project: "DNA Methylation analysis of Sézary Syndrome (SS) and integration of exome and transcriptome data". Poster presentation in the *Societat Catalana de Biologia II Congrés de Biologia.* Future studies incoming.
- Final Bachelor Project in *Fundació ACE*, Barcelona, January-July 2017. Project: "An endophenotpye study: GWAS on β-amyloid burden in Alzheimer's Disease(AD)".

Learned skills: Ability to manage and organize my work, to ask for advice and request for help when it is necessary, to thank colleagues effort while I am learning, to find specific information needed for the study, to learn to be self-taught, to exhibit my study project and results during the lab meetings.

Working experience

- Violoncello teacher. *Escola de Música Contrapunt*, La Múnia, 2014 - 2015
- Mountain seller. *Decathlon Gran Via 2*, Hospitalet de Llobregat. 2018 - 2019

Languages

Programming: R, Python (*Matlab, Pandas, Numpy; Jupyter/Anaconda*), GitHub, intermediate in UNIX environment, LaTeX, HTML / CSS (*Bootstrap, Sublime Text*), Microsoft Office

Speaking: Catalan, Spanish, English and basics in French.

Additional information

- 5th Professional Degree in Violoncello music studies. Violoncellist. El Vendrell, September 2000 - June 2016.
- Kids chorus conductor. 2013-2017
- *Cohí Grau* grant for music studies
- Volunteering in Iceland, August 2016
- English student in Bournemouth, Summer 2011
- Volunteering at *Projecte Boscos de Muntanya* project, Pallars Sobirà, July 2011