

David Mas-Ponte

Bioinformatician



about

david.mas.p@gmail.com
linkedin://david
github://davidmasp

Barcelona
Spain

languages

Catalan/Spanish,
bilingual
English, professional
proficiency
French, notions

programming

Good in Python, Perl,
R & git.
Notions in \LaTeX , Shell
& PHP.

interests

Genomics, Bioinformatics, Gene Expression, Molecular Biology, Cancer Genomics, Data Mining, Software Development, Machine Learning.

education

- 2015-2017 **M.Sc. Student** in Bioinformatics for Health Science. Universitat Pompeu Fabra (UPF), Barcelona
Specialization in Genomics
- 2014 **Exchange Student** McGill University, Montreal
Academic exchange stay during the first semester of last year of my Bachelor.
- 2011-2015 **B.Sc. in Biotechnology** Universitat Autònoma de Barcelona (UAB), Barcelona
Majoring in Biotechnology
- 2009-2011 **Scientific Baccalaureate** Escolapies Lluïa, Barcelona

research experience

- 07-2016 - 04-2017 **Centre for Genomic Regulation (CRG)** Master Science Research Thesis.
My Master Thesis is focused in the link between lncRNAs subcellular localization and their function. I am also developing a web-based db using R and MySQL to make subcellular data available to the scientific community. Roderic Guigo' Lab, tutored by Rory Johnson.
- 09-2015 - 06-2016 **Institute of Evolutionary Biology (IBE)** Research Internship.
I am studying the evolutionary processes surrounding the RHD gene in Western Mediterranean populations in order to unravel demographic (drift) or adaptive (selection) processes round this locus. David Comas' Lab.
- 06-08 2014 **Molecular Biology Institute of Barcelona (IBMB)** Research Internship.
I took part in the study of the CIC (CapICua) protein in Drosophila development. I gained research skills in fruit fly genetics, in situ hybridization and in recombinant DNA techniques for CRISPR/Cas9 set up. Furthermore, I learned Communication and Team Work. Gerardo Jimenez's Lab.
- 06-08 2007 **Centre for Research in Agricultural Genomics (CRAG)** Research Internship.
I studied casual mutations in from a group of neuronal intermediate filament inclusion disease (NIFID) patients and its phenotypic significance. I also took part in a sequencing of a region in transgenic mice which developed a similar phenotype. I gained research skills in genetics and Sanger sequencing. Tutored by Alex Clop in the Animal Genomic Department.

Certificates and Awards

2015-2016	MECD - COLAB <i>I have awarded with a Beca de Colaboración (Collaboration Scholarship) in Department of Experimental and Health Sciences UPF by Ministerio de Educación, Cultura y Deporte to collaborate in David Comas' Lab.</i>	Scholarship
09 10 2015	JAE INTRO - CSIC <i>I have been awarded with a JAE INTRO scholarship in Institute of Evolutionary Biology by Consejo Superior de Investigaciones Científicas (CSIC) to collaborate in David Comas' Lab.</i>	Scholarship
09 12 2014	UAB + AGAUR Exchange <i>I have been awarded with a scholarship from my university and from the Catalan government for my Exchange Academic Experience in CANADA.</i>	Scholarship
07 08 2014	Passa l'estiu al parc-PCB <i>I have been awarded with the scholarship Passa l'estiu al parc by Barcelona Science Park (PCB) to collaborate in Gerardo Jimenez's Lab.</i>	Scholarship
03 2011	VI Premi de Recerca en Ciències de la Salut-PRBB <i>I have received the VI Premi de Recerca en Ciències de la Salut (Research Award in Health Science) by Research Park of Biomedicine in Barcelona (PRBB) for my research project of my baccalaureate "Polymorphism in the CCR5 gene".</i>	Award

Sports, Organizations and other Skills

	Association of Catalan Biotechnologists (ASBTEC)	Association
2005 2010	Ice Hockey in Football Club Barcelona (FCB)	Sport Team
	Spanish B car license	Driving license