

David Mas-Ponte

Bioinformatician

david.mas.p@gmail.com
+34 662 612 983
Barcelona, Spain



github://davidmasp 
linkedin://davidmasponte 
davidmasp.github.io

Education

- | | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015–2017 | M.Sc. in Bioinformatics for Health Science Universitat Pompeu Fabra, Barcelona, Spain. <i>Specialization in Genomics - GPA: 9 / 10</i> |
| 2014 | Exchange Student McGill University, Montreal, Canada. <i>Academic international exchange</i> |
| 2011–2015 | B.Sc. in Biotechnology Universitat Autònoma de Barcelona, Spain. <i>GPA: 8.5 / 10</i> |

Research Experience

- | | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jul 2016-today | Centre for Genomic Regulation (CRG) - <i>Master Science Research Thesis</i> My Master Thesis is focused in the link between lncRNAs' subcellular localization and their function. I have also developed a web-based DB using R and SQL to make sub-cellular expression data available to the scientific community. Roderic Guigo's Lab, tutored by Rory Johnson. |
| 2015-2016 | Institute of Evolutionary Biology (IBE) - <i>Part time Research Internship</i> I studied the evolutionary processes surrounding the RHD gene in Western Mediterranean populations in order to unravel demographic (<i>drift</i>) or adaptive (<i>selection</i>) processes round this locus. David Comas' Lab |
| 06-08 2014 | Molecular Biology Institute of Barcelona (IBMB) - <i>Research Internship</i> 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. Gerardo Jimenez's Lab |
| 06-07 2012 | Centre for Research in Agricultural Genomics (CRAG) - <i>Research Internship</i> I participated in the study of casual mutations 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. Tutored by Alex Clop in the Animal Genomic Department. |

Code

| | |
|----------|-----------------------------------------------|
| Good | Python, SQL, R & git |
| Fair | Perl, Shell & L ^A T _E X |
| Learning | Ruby & JavaScript (D3) |

Publications & Conferences

| | |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017 | David Mas-Ponte, Joana Carlevaro-Fita, Emilio Palumbo, Toni Hermoso, Roderic Guigo, and Rory Johnson. Lncatlas database for subcellular localisation of long noncoding rnas. 2017 - <i>Submitted</i> |
| 2016 | Andre Flores-Bello, David Mas, Miruna Rosu, and David Comas. Genetic analysis and evolution of rh blood group system in basques. In <i>6th international conference of the series: DNA Polymorphisms in Human Populations, Musée de l'Homme, Paris, December 2016</i> - <i>Peer-reviewed Conference - Poster</i> |

Languages

| | |
|---------|-----------------------|
| Catalan | Mother tongue |
| Spanish | Bilingual Proficiency |
| English | Fluent (FCE 2011) |

Scholarships & Awards

| | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015-2016 | MECD - COLAB - <i>Fellowship</i> I was awarded with the Beca de Colaboracion (Collaboration Fellowship) in Department of Experimental and Health Sciences UPF by Ministerio de Educacion, Cultura y Deporte to collaborate in David Comas Lab. |
| Sep-Oct 2015 | JAЕ INTRO - CSIC - <i>Fellowship</i> I was awarded with a JAЕ INTRO fellowship in Institute of Evolutionary Biology by Consejo Superior de Investigaciones Cientificas (CSIC) to collaborate in David Comas Lab. |
| 2014-2015 | UAB + AGAUR Exchange - <i>Scholarship</i> I was awarded with a scholarship from my university and from the Catalan government for my Exchange Academic Experience in CANADA. |
| Jul-Ago 2014 | Passa lestiu al parc-PCB - <i>Scholarship</i> I was awarded with the scholarship Passa lestiu al parc by Barcelona Science Park (PCB) to collaborate in Gerardo Jimenezs Lab. |
| 2013 | VI Premi de Recerca en Ciències de la Salut-PRBB - <i>Award</i> I 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 high-school final research project " <i>Polymorphism in the CCR5 gene</i> ". |