

# David Mas-Ponte

Bioinformatician

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## Education

2015–2017	<b>M.Sc. in Bioinformatics for Health Science</b> 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	<b>Centre for Genomic Regulation (CRG)</b> - <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 subcellular data available to the scientific community. <b>Roderic Guigo Lab, tutored by Rory Johnson.</b>
2015-2016	<b>Institute of Evolutionary Biology (IBE)</b> - <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. <b>David Comas Lab</b>
06-08 2014	<b>Molecular Biology Institute of Barcelona (IBMB)</b> - <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. <b>Gerardo Jimenezs Lab</b>

## Code

Good	python, SQL, R & git
Fair	Perl, Shell & $\text{\LaTeX}$
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	<b>Fluent (FCE 2011)</b>

## Scholarships & Awards

2015-2016	MECD - COLAB - <i>Scholarship</i>  I was awarded with the Beca de Colaboracion (Collaboration Scholarship) in Department of Experimental and Health Sciences UPF by Ministerio de Educacion, Cultura y Deporte to collaborate in David Comas Lab.
Sep-Oct 2015	JAE INTRO - CSIC - <i>Scholarship</i>  I was awarded with a JAE INTRO scholarship 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 Ciencies de la Salut-PRBB - <i>Award</i>  I received the VI Premi de Recerca en Ciencies de la Salut (Research Award in Health Science) by Research Park of Biomedicine in Barcelona (PRBB) for my research project of my baccalaureate " <i>Polymorphism in the CCR5 gene</i> ".