Francisco García García

I am a biostatistician working in the Computational Genomics Department of the Príncipe Felipe Research Center (CIPF) in Valencia, Spain.

Research interests

Next Generation Sequencing and Microarray data analysis.

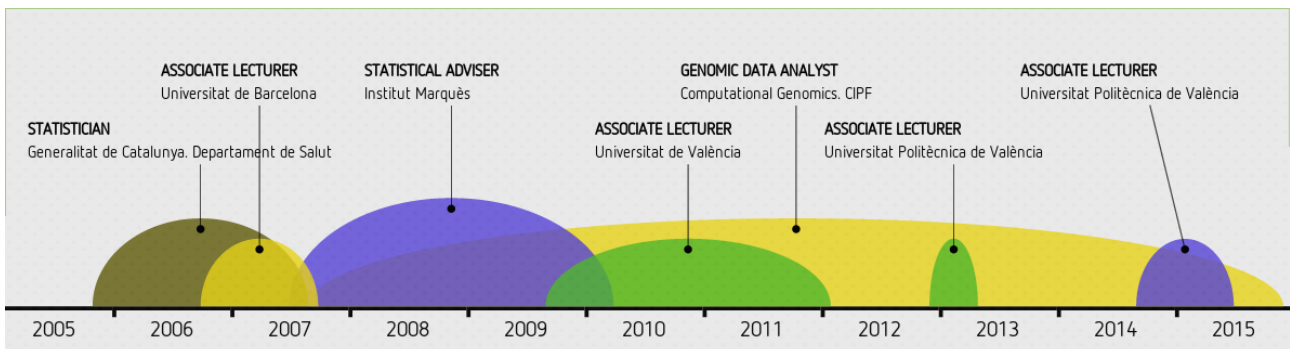Software development and methods for analysis and genomic data integration.

Education

2012 **Master in Biostatistics**, *Universitat de Valencia*, Spain.

2005 **BSc in Statistical Techniques and Sciences**, *Universitat de Valencia*, Spain.

2001 **Diploma in Statistics**, *Universitat de Barcelona*, Spain.

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Experience

STATISTICIAN
Generalitat de Catalunya. Departament de Salut

ASSOCIATE LECTURER
Universitat de Barcelona

STATISTICAL ADVISER
Institut Marquès

ASSOCIATE LECTURER
Universitat de València

GENOMIC DATA ANALYST
Computational Genomics. CIPF

ASSOCIATE LECTURER
Universitat Politècnica de València

ASSOCIATE LECTURER
Universitat Politècnica de València

2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

Languages

English **intermediate level**

French **basic level**

Catalan **fluent level**
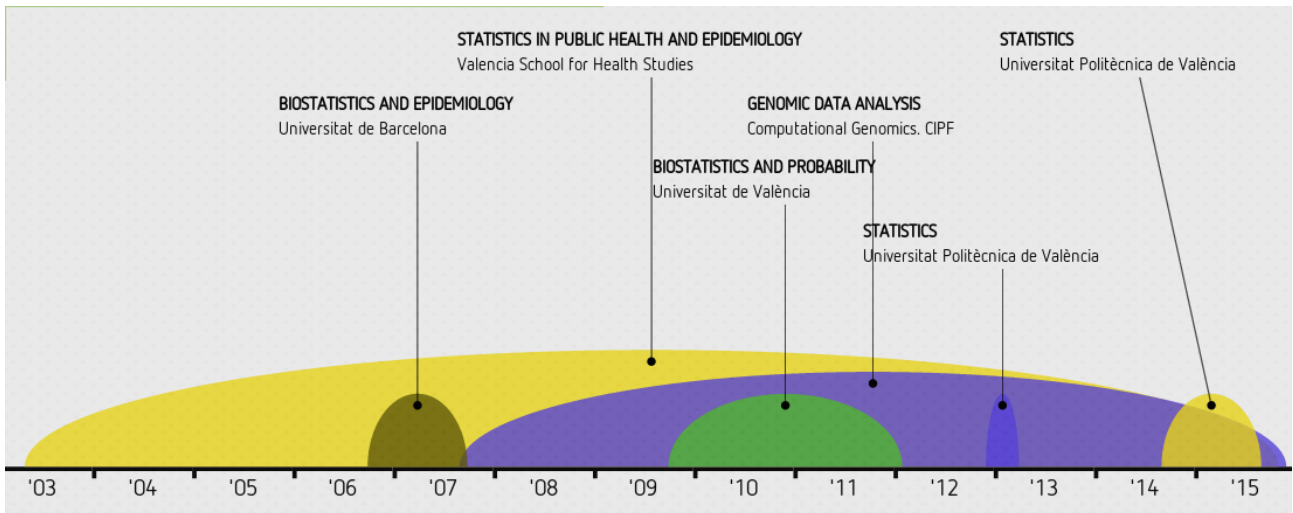
Spanish **native**

Computer skills

Statistical software: **R, SPSS, Stata**

Operating Systems: **Linux, Mac OS X, Windows**

Others: **Bioinformatics tools, LaTex, Bash**

Teaching

STATISTICS IN PUBLIC HEALTH AND EPIDEMIOLOGY
Valencia School for Health Studies

STATISTICS
Universitat Politècnica de València

BIOSTATISTICS AND EPIDEMIOLOGY
Universitat de Barcelona

GENOMIC DATA ANALYSIS
Computational Genomics. CIPF

BIOSTATISTICS AND PROBABILITY
Universitat de València

STATISTICS
Universitat Politècnica de València

'03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13 '14 '15

Last publications

2014

Permanent Cardiac Sarcomere Changes in a Rabbit Model of Intrauterine Growth Restriction. Authors: I Torre, A González-Tendero, P García-Cañadilla, F Crispi, **F García-García**, B Bijnens, I Iruretagoyena, J Dopazo, I Amat-Roldán, E Gratacós. PLoS ONE 9(11): e113067. doi:10.1371/journal.pone.0113067, 17 Nov 2014.

The activation of the Sox2 RR2 pluripotency transcriptional reporter in human breast cancer cell lines is dynamic and labels cells with higher tumorigenic potential. Authors: JM Iglesias, OL Esnaola, E Perez Ruiz, J Gumuzio Barrie, **F García-García**, A Aduriz, I Beloqui, S Hernandez Garcia, MP Lopez Mato, J Dopazo, A Pandiella, J Menendez, A Garcia Martin. Front. Oncol., 04 November 2014 | doi: 10.3389/fonc.2014.00308., Nov 2014.

A web tool for the design and management of panels of genes for targeted enrichment and massive sequencing for clinical applications. Authors: Aleman, A; **Garcia-Garcia, F**; Medina, I; Dopazo, J. Nucleic Acids Res. 2014 May 26. pii: gku472.

A web-based interactive framework to assist in the prioritization of disease candidate genes in whole exome sequencing studies. Authors: Aleman, A; **Garcia-Garcia, F**; Salavert, F; Medina, I; Dopazo, J. Nucleic Acids Research. 2014 May 6. PMID: 24803668.

Programmed cell death activated by Rose Bengal in Arabidopsis thaliana cell suspension cultures requires functional chloroplasts. Authors: J Gutiérrez, S González-Pérez, **F García-García**, CT Daly, O Lorenzo, JL Revuelta, PF McCabe, JB Arellano. Journal of Experimental Botany, April 2014, doi:10.1093/jxb/eru151.

Capturing the biological impact of CDKN2A and MC1R genes as an early predisposing event in melanoma and non melanoma skin cancer. Authors:JA Puig-Butille, MJ Escámez, **F Garcia-Garcia**, G Tell-Marti, À Fabra, L Martínez-Santamaría, C Badenas, P Aguilera, M Pevida, J Dopazo, M del Río, Susana Puig. Oncotarget, Vol 5, No 6, March 2014.

2013

Mammosphere Formation in Breast Carcinoma Cell Lines Depends upon Expression of E-cadherin. Authors: JM Iglesias, I Beloqui, **F Garcia-Garcia**, O Leis, A Vazquez Martin, A Eguiara, S Cufi, A Pavon, JA Menendez, J Dopazo, AG Martin. PLoS ONE 8(10): e77281. doi:10.1371/journal.pone.0077281

Intrauterine growth restriction is associated with cardiac ultrastructural and gene expression changes related to the energetic metabolism in a rabbit model.Authors: A Gonzalez-Tendero, I Torre, P Garcia-Canadilla, F Crispi, **F Garcia-Garcia**, J Dopazo, B Bijnens, E Gratacos. Heart and Circulatory Physiology. Published 4 October 2013 Vol. no. DOI: 10.1152/ajpheart.00514.2013

Role of CPI-17 in restoring skin homoeostasis in cutaneous field of cancerization: effects of topical application of a film-forming medical device containing photolyase and UV filters. Authors: Puig-Butillé JA, Malvehy J, Potrony M, Trullas C, **Garcia-García F**, Dopazo J, Puig S. Experimental Dermatology. Volume 22, Issue 7, 2013.

Grape antioxidant dietary fiber (GADF) inhibits intestinal polyposis in ApcMin/+ mice: relation to cell cycle and immune response. Authors: S Sanchez-Tena; D Lizarraga; A Miranda; MP Vinardell; **F Garcia-Garcia**; J Dopazo; JL Torres; F Saura-Calixto; G Capella; M Cascante. Carcinogenesis 2013; doi: 10.1093/carcin/bgt140.

Novel genes detected by transcriptional proling from whole-blood cells in patients with early onset of acute coronary syndrome. Authors: Vivian N. Silbiger, André D. Luchessi, Rosário D.C. Hirata, Lídio G. Lima-Neto, Débora Cavichioli, Angel Carracedo, Maria Brión, Joaquín Dopazo, **Francisco García-García**, Elizabete S. dos Santos, Rui F. Ramos, Marcelo F. Sampaio, Dikran Armaganijan, Amanda G.M.R. Sousa, Mario H. Hirata. Clin Chim Acta. 2013 Mar 24. pii: S0009-8981(13)00102-2. doi: 10.1016/j.cca.2013.03.011.

Maslinic Acid-Enriched Diet Decreases Intestinal Tumorigenesis in ApcMin/+ Mice through Transcriptomic and Metabolomic Reprogramming. Authors: S Sánchez-Tena, FJ. Reyes-Zurita, S Díaz-Moralli, MP Vinardell, M Reed, **F García-García**, J Dopazo, JA. Lupiáñez, U Günther, M Cascante. PLoS One. 2013;8(3):e59392. doi: 10.1371/journal.pone.0059392.

Expression profiling shows differential molecular pathways and provides potential new diagnostic biomarkers for colorectal serrated adenocarcinoma. Authors: Conesa-Zamora P, García-Solano J, **García-García F**, Del Carmen Turpin M, Trujillo-Santos J, Torres-Moreno D, Oviedo-Ramírez I, Carbonell-Muñoz R, Muñoz-Delgado E, Rodriguez-Braun E, Conesa A, Pérez-Guillermo. M. Int J Cancer. 2013 Jan 15; 132(2):297-307, doi: 10.1002/ijc.27674.

Full list of publications in PubMed

ResearcherID: B-1929-2014