

Francisco García García

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

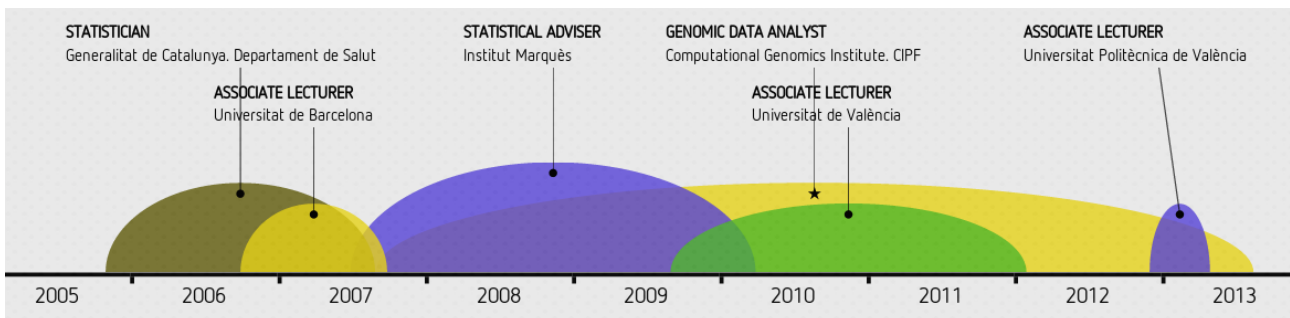
Research interests

Next Generation Sequencing and Microarray data analysis.
Software development 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.*

Experience



Languages

- English **intermediate level**
- French **basic level**
- Catalan **fluent level**
- Spanish **native**

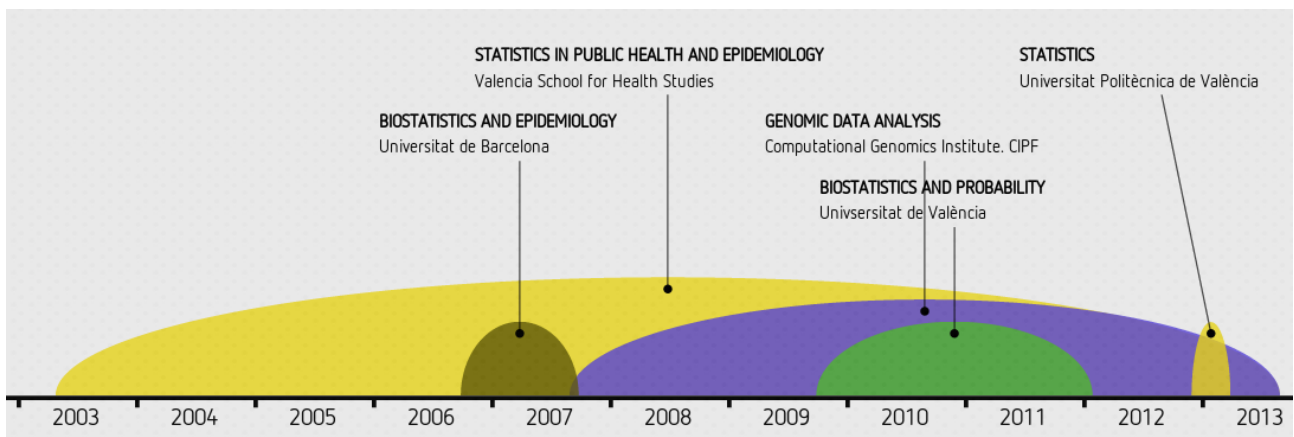
Computer skills

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

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

Others: **Bioinformatics tools, LaTeX, Bash**

Teaching



Last publications

2014

A web tool for the design and management of panels of genes for targeted enrichment and massive sequencing for clinical applications. Authors: Aleman, Alejandro; **Garcia-Garcia, Francisco**; Medina, Ignacio; Dopazo, Joaquin. *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, Alejandro; **Garcia-Garcia, Francisco**; Salavert, Francisco; Medina, Ignacio; Dopazo, Joaquin. *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: Jorge Gutiérrez, Sergio González-Pérez, **Francisco García-García**, Cara T. Daly, Óscar Lorenzo, José L. Revuelta, Paul F. McCabe, Juan B. Arellano. *Journal of Experimental Botany*, April 2014, doi:10.1093/jxb/eru151. April 2014.

Capturing the biological impact of CDKN2A and MC1R genes as an early predisposing event in melanoma and non melanoma skin cancer. Authors: Joan Anton Puig-Butille, María José Escámez, **Francisco Garcia-Garcia**, Gemma Tell-Marti, Àngels Fabra, Lucía Martínez-Santamaría, Celia Badenas, Paula Aguilera, Marta Pevida, Joaquín Dopazo, Marcela 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: Juan Manuel Iglesias, Izaskun Beloqui, **Francisco Garcia-Garcia**, Olatz Leis, Alejandro Vazquez Martin, Arrate Eguilar, Silvia Cufi, Andres Pavon, Javier A. Menendez, Joaquin Dopazo, Angel G. 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: Anna Gonzalez-Tendero, Iratxe Torre, Patricia Garcia-Canadilla, Fatima Crispi, **Francisco Garcia-Garcia**, Joaquin Dopazo, Bart Bijmens, Eduard Gratacos. Heart and Circulatory Physiology. Published 4 October 2013 Vol. no. DOI: 10.1152/ajp-heart.00514.2013

Role of CPI-17 in restoring skin homeostasis in cutaneous field of cancerization: effects of topical application of a film-forming medical device containing photolyase and UV filters. Authors: Puig-Butillé JA, Malvey 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: Susana Sanchez-Tena; Daneida Lizarraga; Anibal Miranda; Maria Pilar Vinardell; **Francisco Garcia-Garcia**; Joaquin Dopazo; Josep Lluís Torres; Fulgencio Saura-Calixto; Gabriel Capella; Marta 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 Transcriptional and Metabolomic Reprogramming. Authors: Susana Sánchez-Tena, Fernando J. Reyes-Zurita, Santiago Díaz-Moralli, Maria Pilar Vinardell, Michelle Reed, **Francisco García-García**, Joaquín Dopazo, José A. Lupiáñez, Ulrich Günther, Marta Cascante. PLoS One. 2013;8(3):e59392. doi: 10.1371/journal.pone.0059392.

Web applications in teaching statistics and analysis of genomic data. Authors: **Francisco García-García**, David Montaner González. Teaching statistics. Experiences of innovation. ISBN: 978-84-9858-872-9. Add Editorial. Pages: 201-209. Feb 2013.

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, Rodríguez-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