

# Francisco García García

*I am a biostatistician working in the Computational Genomics Institute of the Centro de Investigación Príncipe Felipe (CIPF) in Valencia, Spain.*

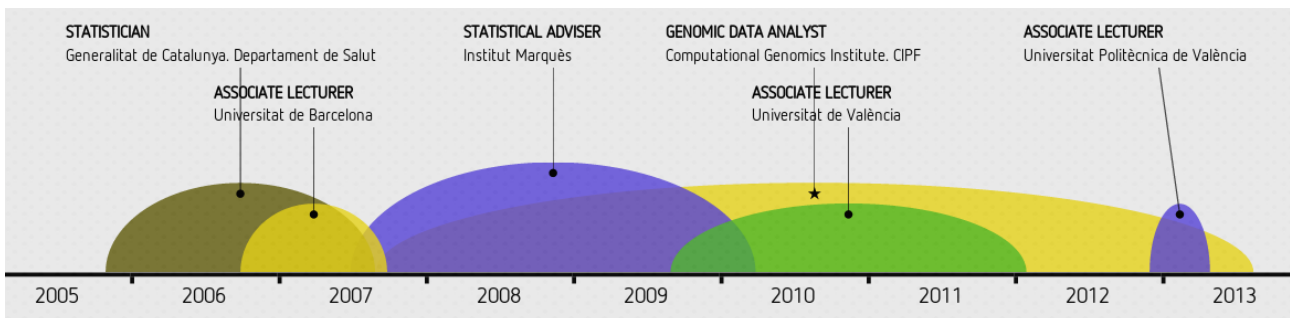
## Research interests

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**

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## Computer skills

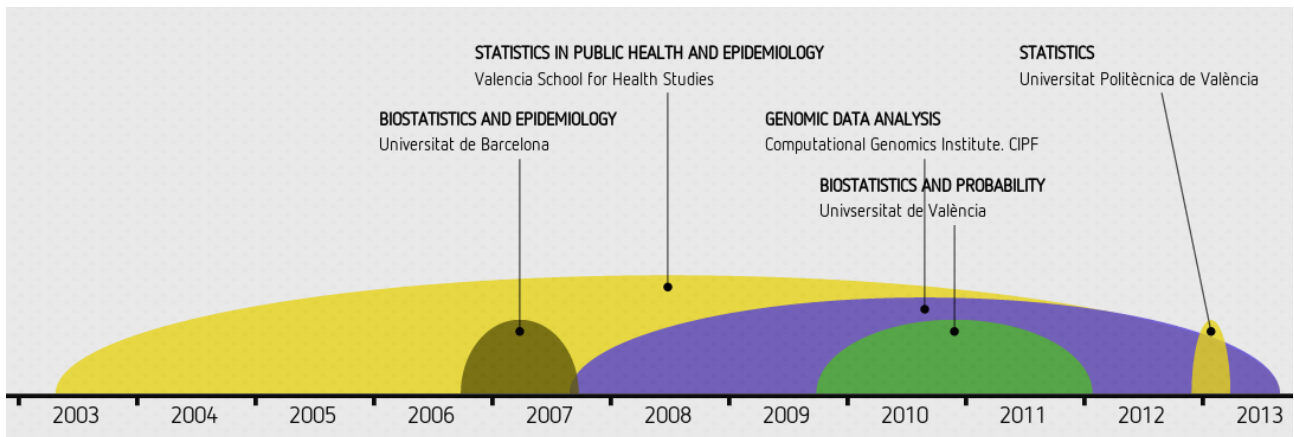
Statistical software: **R, SPSS, Stata**

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

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

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## Teaching



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## 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. NAR-00589-Web-B-2014.R1 (in press).

*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 García-García**, Gemma Tell-Martí, 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.