GUIDANCE: An Integrated Framework for Large-scale Genome and Phenome-Wide Association Studies on Parallel Computing Platforms

Marta Guindo-Martínez, Friman Sánchez, Silvia Bonàs-Guarch, Montserrat Puiggròs, Jorge Ejarque2, Carlos Díaz2, Enric Tejedor2, Rosa M. Badia2,3, Josep M. Mercader, David Torrents



Marta Guindo-Martínez: I was born in Barcelona, Spain, in 1988. I received the degrees in Biology and Biochemistry from the Universidad de Navarra (UNAV), Pamplona, Spain, in 2012, and the M.Sc. degree in Biomedical Research from the Universitat Pompeu Fabra (UPF), Barcelona, Spain, in 2013.

Since February 2014, I am a PhD Student in the Life Sciences department at Barcelona Supercomputing Center (BSC). My research is focused on the

genetic behind complex diseases and I am analyzing publicly available GWAS data for thousands of individuals in order to better understand why some people develop particular complex diseases and others do no.