

TITLE	Bioinformatic analysis of genomics data
RESEARCHER PROFILE	Postdoctoral: First Stage Researcher (R1) or Recognised Researcher (R2)
TYPE OF CONTRACT	Temporary contract of 2 years
IP	Jaime Huerta-Cepas
GROUP INFORMATION	http://www.cbgp.upm.es/index.php/es/informacion-cientifica/csbgp/genomica-evolutiva-computacional
OFFER DETAILS	The selected candidate will assist in the analysis of genomic data from multiple projects in the institute, serving as a bridge between experimental groups and CBGP's bioinformatic resources.
MAIN RESPONSABILITIES	Research activities will mostly involve the analysis of RNA-seq data, genome assembly, functional annotation, association studies, enrichment tests and metagenomic surveys. Tasks will require the use of bioinformatic software, data analysis platforms (i.e. R/RStudio), genomic analysis libraries (i.e. Bioconductor) and data visualization; commonly requiring the development of small ad-hoc scripts, webs and databases.
SPECIFIC OFFER REQUIREMENTS	<ul style="list-style-type: none"> - Experience in genomic data analysis (i.e. Python scripting, R analysis, Data visualization, Linux terminal) - Experience with HPC systems and big data analysis - Knowledge in Evolutionary Biology and Molecular Phylogeny - Fluent in English - Good communication and collaboration skills <p>Recommended additional skills: Experience in backend web development (Django, Javascript) Knowledge in Evolutionary Biology, Plant Biology, Microbiology or related topics</p>
REQUIRED QUALIFICATIONS	PhD in Computational Biology or a similar discipline
ELIGIBILITY CRITERIA	by research experience and previous work on similar projects.