



Gastrointestinal Genetics Lab

Postdoctoral Researcher

Research position available at the Gastrointestinal Genetics Lab

www.cicbiogune.es/people/mdamato

The Gastrointestinal Genetics Lab directed by Prof Mauro D'Amato (MDA lab) is a newly established research group at CIC bioGUNE. The team combines genomic, computational and pre-clinical expertise to elucidate the pathogenetic mechanisms predisposing to gastrointestinal (GI) disease. The druggable genome, nutrigenetics and host (genome) - microbiota interactions are new research lines. Taking advantage of an extremely large network of international collaboration (>60 research groups and institutions across EU, USA and Australia), the ultimate goal is a translational application for therapeutic precision in gastroenterology. Publications from the group can be accessed [here](#).

We are seeking a computational biologist to join the MDA lab and lead research focused on the genetic causes of inflammatory bowel disease, irritable bowel syndrome, microscopic colitis and other GI conditions. The successful candidate will be in charge of project(s) involving the analysis of large datasets (NGS, GWAS, genomics, (epi)genetics, transcriptomics, metagenomics etc), the interpretation of results and their communication in scientific journals and at international meetings, including co-supervision of junior members of the team. Specific projects will be discussed based on the candidate interest, competence and projected scientific trajectory (we are happy to serve as springboard for independence).

You are at the postdoc/junior PI career level and are looking for the opportunity to take on a pivotal role in a group of internationally recognised leaders. You hold a PhD in computer science, bioinformatics, genetics or related fields, have documented knowledge of R/Bioconductor, Python and programming languages, Unix environment and high-performance computing clusters.

The position is available from 1st January 2023 until filled

Please contact mdamato@cicbiogune.es for more information.

Application procedure:

Candidates should submit a full CV (including list of publications and the names of references) and a brief motivation letter using the following [form](#) and indicating [43371](#) as reference.