**PhD position (*microbiome field*) in IBD group at GIGA-Medical Genomics**

A PhD position is available immediately to join a research team focusing on the genetics and genomics of inflammatory bowel disease including microbiome. The research team is an active player in the International IBD Genetics Consortium (f.i. Huang, Fang, Jostins et al. (2017) Association mapping of inflammatory bowel disease loci to single variant resolution. *Nature* **547**:173-178), and has generated a unique dataset (CEDAR) of integrated multiomics (genome, methylome, transcriptome, microbiome) data in > 300 individuals (f.i. Momozawa, Dmitrieva et al. Risk loci for inflammatory bowel disease are enriched in multigenic regulatory modules that act across cell types and encompass causative genes (*Nat Commun*,  2018 Jun 21;9(1):2427). The successful candidate will integrate an already established multidisciplinary team with expertise in molecular biology, cellular biology and Immunology and bioinformatics.

Applicants are expected to have a master degree, and to have experience in microbiology, cellular and molecular biology. Experience in genomics, bioinformatics and/or statistics are a plus.

Technologies that will be used include immunofluorescence staining and high resolution confocal microscopy, FISH, nucleic acids preparation, PCR and NGS. Dry lab work will include high resolution microscopy images analysis and 16S data analysis. All will be performed in collaboration with several team members and with the GIGA-Imaging and Genomics core facilities.

Position is available immediately.

Motivation letter, curriculum vitae and contact details of two references should be sent to Souad Rahmouni (srahmouni@uliege.be).