

Entity: Vall d'Hebron Institut de Recerca (VHIR)

Research group, Unit or Department: DIGESTIVO

<https://sites.google.com/site/manichanhlab/>

http://www.vhir.org/larecerca/grupsrecerca/ca_grups_linees.asp?area=5&grup=3&mh1=2&mh2=1&mh3=1&mv1=2&mv2=1&menu=2&idioma=en

<http://www.metahit.eu/>

Student's tutor: CHAYSAVANH MANICHANH

Positions available: 1

Project description/ Research lines: The number of our intestinal microbes (called microbiota) exceeds by at least ten times that of our own body cells and the number of unique genes they encode is known to be at least 150-fold greater than the number of genes in our own genome. There is increasing evidence of the causing role of the gut microbiota community on intestinal disorders. The objective of this project is to develop anaerobic culture techniques to recover microbial species and strains from the human gut and to test them on animal model of intestinal disease.

Period for the internship: *Could be discussed*

Requirements:

- BSc in Biochemistry or Microbiology
 - Certificat for animal manipulation
 - Good english
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Where to apply: Interested candidates please send a *letter of intention, CV, academic records* to CHAYSAVANH MANICHANH (cmanicha@gmail.com)
