



PhD position

A PhD research position is available at the Infectious Diseases Group at Research Institute Vall d'Hebron (VHIR) to work about Design of Nanoparticles (NPs) to work with Projects about Antibiotic Resistant Infections.

Vall d'Hebron Research Institute (VHIR) is a non-profit Research Institution that promotes and develops innovative biomedical research at the University Hospital Vall d'Hebron. VHIR is oriented towards finding solutions to the health problems of the citizens and has the will to contribute to the scientific, educational, social and economic development within its area of competence. Our research is focused on solving human health problems and on healthcare improvement.

Skills requested:

- The candidate has to possess undergraduate studies in Biochemistry.
- Therefore, the candidate needs to possess or be doing a Master in Advanced Microbiology (specialized in healthcare).
- Experience in the design of nanoparticles.
- To possess the training course for research using animals for experimentation.
- Previous experience in animal experimentation.
- It is necessary work experience in the field of multi-resistant Gram-negative infections; studies of antibiotic sensitivity in planktonic and biofilm microorganisms growing (CDC-Reactor, Calgary).
- Essential English fluency (minimum *First Certificate* or equivalent), and knowledge of French.
- Be able to use Windows Office 2007 and other bibliographical programs (e.g. EndNote).

Tasks:

- Aqueous synthesis, conjugation and characterization of NPs with medical interest.
- Application Antimicrobial Resistant Infection Projects

We offer:

- Predoctoral contract.
- Job status: full time (40h week)
- Gross annual salary: 15.300€

Please submit your application electronically, including CV to joan.gavalda@vhir.org (Joan gavalda MD, PhD. Infectious Diseases Senior Consultant, Coordinator Infectious Diseases Research Lab).