

SCIENTIST POSITION AT PULMOBIOTICS SL

The Company

Pulmobiotics is a spin off from the Center for Genomic Regulation (CRG, Barcelona, Spain), see www.pulmobio.com. The company was setup in March 2020 with venture capital funding from Invivo Capital to build on the result of more than 10 years of research performed in the Design of Biological Systems laboratory led by Prof. Luis Serrano.

We use a synthetic biology approach to discover and develop novel recombinant live biotherapeutics as treatments or vaccines for respiratory diseases, which are among the most common causes of severe illness and death worldwide. Our current focus is infectious diseases, emphysema and lung cancer. In our laboratory, we engineer new products and test them in preclinical assays, using relevant disease models.

Currently, we are a team of 5 scientists with broad experience in bacterial engineering for therapeutical proposes. We are located at PRBB (Barcelona Biomedical Research Park), which offers state-of-the-art facilities and close proximity to world renowned institutions such as CRG and EMBL.

We collaborate with several research institutions (CRG, CSIC, UIC), hospitals (Vall d'Hebrón and Hospital Clinic Barcelona) and national and international service providers. We are passionate and enthusiastic, and work with the purpose of improving the lives of those suffering from respiratory diseases. We offer a highly stimulating environment and exposure to the biotechnology industry.

Role and functions

We are looking for a Scientist to lead testing of our product candidates in relevant disease models. The candidate will:

- Work under the supervision of the Chief Scientific Officer (Dr. Maria Lluch)
- Perform in vivo assays to test different engineered bacterial strains in rodent (and potentially also minipig) models of respiratory diseases.
- Perform cell culture assays with pulmonary epithelial cell lines
- Molecular biology tasks (for example, genetic manipulation of bacteria)

Qualifications required:

- PhD in health sciences (Veterinary, Biology, Biomedicine, Biotechnology, Biochemistry, etc)
- Only candidates with an updated certificate for animal manipulation and experience with in vivo animal models will be considered.

Experience required:

- Knowledge and technical skills in veterinary techniques
- Experience working in a microbiology laboratory, molecular biology (cloning, PCR, qRT-PCR, Western Blot, ELISA) and/or with cell culture would be beneficial
- Experience in an industry environment (biotechnology or pharmaceutical company) would be highly advantageous

Key competencies:

- Excellent interpersonal skills and the ability to work as part of a team, but with a high degree of autonomy.
- Strong motivation and organization skills
- Ability to schedule and prioritise tasks, combining in vivo with in vitro experimental work.

Languages:

- Fluent level of English

The Offer

- **Open-ended contract** (contrato indefinido)
- **Salary:** competitive and commensurate with experience and qualifications
- **Target starting date:** Mid-January 2022

Location: Barcelona

Application Procedure

Please send a cover letter (explaining why you are interested in this position), complete CV, contact details of two references and starting date availability to Dr. Maria Lluch (maria.lluch@pulmobio.com) before the 6th of December 2021.

Please use as email subject the reference "Scientist_Pulmo".