

We are looking for motivated candidates to develop a **PhD in biology, biomedicine, microbiology or medicine** in our research group through a predoctoral contract for **Health Research Training** (Contratos Predoctorales de Formación en Investigación en Salud, PFIS)

Parc Taulí Research and Innovation Institute (I3PT):

Parc Taulí Research and Innovation Institute (I3PT) belongs to Carlos III Health Institute network of Spanish excellence research institutions. In order to ensure and stimulate high quality research studies, we want to enrol talented researchers in our top research groups.

The Translational Research in the Critical Patient: Experimental models and treatments associated with critical pathology group:

Our group investigates the pathophysiological mechanisms and the development of new innovative therapeutic strategies of sepsis, respiratory infections and acute lung injury through preclinical *in vitro* and *in vivo* experimental models and clinical studies in patients with acute respiratory failure.

The pre-doctoral student will engage in the following study which will be developed in collaboration with other research partners:

- *Rol de los cambios dinámicos en la IgA secretoria unida a microbios y la microbiota en el desarrollo de neumonía asociada a la ventilación mecánica.*

Aim: To analyse the changes of microbiome bound to IgA and the impact on nosocomial pulmonary infection associated with mechanical ventilation.

AES call:

With our support, the selected candidates will apply for a predoctoral contract for Health Research Training (Contratos Predoctorales de Formación en Investigación en Salud, PFIS)

Fellowship Requirements:

- **Nationality:** Young researchers of any nationality are eligible to apply.
- **Studies pursued:** Applicants must hold a higher education degree that makes them eligible to enrol in a doctoral program before starting at their host institutions.

Candidates must not have been enrolled in a doctoral program prior to the start of the fellowship.

Selection criteria:

Candidates will be short-listed based on the following aspects:

- Previous research experience (verifiable)
- Participation in research projects
- Contribution to research manuscripts
- Recommendation letters

Application process

Applicants will have to register by sending an email to personali3pt@tauli.cat where they will indicate the reference of the offer, and they will include their resume in PDF format and the signed data protection appendix.

For any suggestions or doubts, you can contact: personali3pt@tauli.cat