

## Candidate for AGAUR\_FI\_DGR2021 predoctoral fellowship

### **PhD student position**

---

The Ocular Inflammation Group led by Prof. Alfredo Adan at IDIBAPS is looking for a candidate that wishes to apply for the FI-DGF2021 predoctoral fellowship (AGAUR) to develop the PhD in the field of ocular inflammation. The research of the Ocular Inflammation Group focuses on how the retina responds to injury, inflammation, and degeneration (<https://www.clinicbarcelona.org/en/idibaps/research-areas/biological-aggression-and-response-mechanisms/ocular-inflammation-clinical-and-experimental-studies>). The main goal is to promote the research on ocular inflammatory disorders such as uveitis, age-related macular degeneration, and diabetic retinopathy with special interest in the study of pathological mechanisms, immune response, and development of new therapies.

We are looking for an enthusiastic, highly motivated candidate to carry out a thesis research project aiming to reveal mechanisms and therapeutic targets for retina inflammatory disorders.

### **Candidate profile:**

- Bachelor and Master Degree in Biology, Bioengineering, Biochemistry, Biotechnology or related disciplines.
- Excellent degree record (minimum qualification of 2.6/4)
- Good communication skills in English
- A background in cell culture and molecular biology will be considered
- Proactive to solve problems and developing new ideas

### **Tasks:**

- Collecting and analyzing human samples
- Development of 3D co-culture models
- Cell culture and molecular biology analysis

### **Offer:**

The successful candidate is expected to apply for a FI (AGAUR) PhD grant.

### **To apply:**

Applications should contain a motivation letter, CV (including University grades) and two reference contacts or recommendation letters.

The documentation must be sent via e-mail to: [bmolins@clinic.cat](mailto:bmolins@clinic.cat)