

RESEARCH FELLOWSHIP OPPORTUNITY

TREX2 inhibitors: a breakthrough keratinocyte-based therapy for Psoriasis and beyond

We are seeking motivated and talented researchers (**PhD or postdoctoral fellows**) to join our interdisciplinary team at the University of Barcelona/IDIBELL and contribute to an exciting project focused on TREX2, a keratinocyte specific exonuclease with emerging roles in skin homeostasis, inflammation, and disease.

The selected candidate(s) will participate in a **translational research project**, combining **medicinal chemistry, molecular and cellular biology, immunology and dermatology approaches** to characterize the therapeutic potential of TREX2 inhibitors for psoriasis and other skin diseases.

Learn more about the group and the project supported by la Caixa Foundation – CaixaImpulse Health Innovation 2025

- <https://caixaresearch.org/ca/convocatoria-caixaimpulse-innovacio-salut-2025-nou-tractament-malalties-cutanies>
- [Immunity, inflammation and cancer – IDIBELL
https://www.ub.edu/portal/web/dp-patologia-terapeutica/nucleases-and-immunity](https://www.ub.edu/portal/web/dp-patologia-terapeutica/nucleases-and-immunity)

Candidate profile

- Interest in medicinal chemistry, drug discovery, biology and dermatology.
- Proactive, curious, and collaborative, with a strong commitment to scientific excellence.
- Interest in contributing to translational and applied research.
- Valid authorization to reside/study/work in Spain is required.

For PhD candidates

- Bachelor's + Master's degree in Biomedical Sciences or related fields.
- Strong academic record ($\geq 8.5/10$)

For Postdoctoral candidates

- PhD in Biomedical Sciences or related fields.
- Strong publication record.

Candidate role

Research advancing the validation of TREX2 inhibitors for psoriasis and other TREX2-driven inflammatory skin diseases.

We offer

The opportunity and support to apply for upcoming predoctoral or postdoctoral fellowships to work in a pioneering translational project.

How to apply

Interested candidates should send CV, academic transcript (for PhD candidates) and a brief statement of interest (max. 1 page) to **Dr. Sara Preciado** spreciado@idibell.cat with the subject: "TREX2 Research Position – [PhD/Postdoc] – [Your Name]"

Applications will be reviewed on a rolling basis until the position is filled or before the official fellowship deadlines.