

POSTDOCTORAL POSITION

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

We are seeking a motivated and talented researcher 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 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

- PhD in Biomedical Sciences, Chemistry, or related fields.
- Background in organic chemistry, medicinal and/or computational chemistry
- Interest in drug discovery and tech transfer.
- Proactive, curious, and collaborative, with a strong commitment to scientific excellence.
- Competitive publication record.
- Valid authorization to reside/study/work in Spain is required.

We offer

- Starting date by March 2026.
- A 16-month full-time contract with a gross monthly salary of €2,500.
- Support and mentoring to apply for upcoming competitive postdoctoral fellowships, while contributing to a pioneering translational research project.
- An interdisciplinary research environment within a highly translational project with exposure to industrial and venture capital ecosystems (CaixaImpulse Health Innovation)

How to apply

Interested candidates should send CV, and a brief statement of interest (max. 1 page) to **Dr. Sara Preciado** spreciado@idibell.cat with the subject: "TREX2 Research Position – [Your Name]"
Applications will be reviewed on a rolling basis until January 31st, 2026.