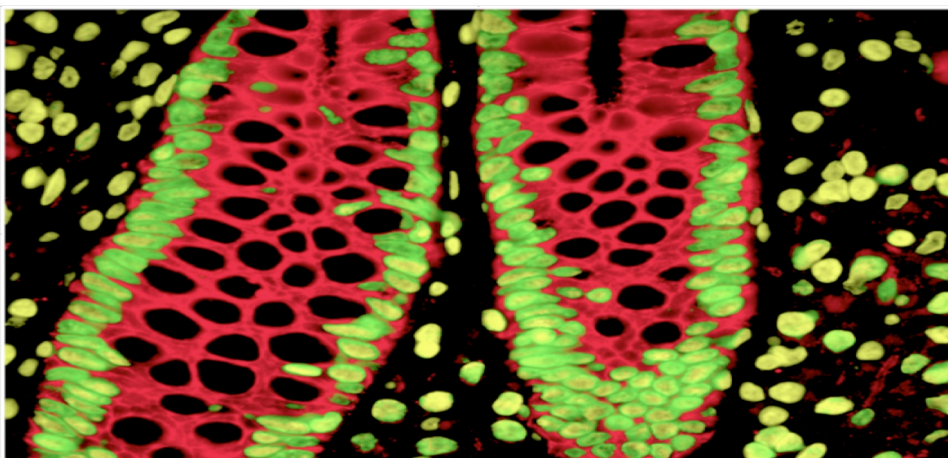


ZEB proteins in the regulation of cellular plasticity & differentiation in inflammation and cancer



Job Offer: TWO (2) Postdoctoral Positions

Gene Regulation of Cellular Plasticity & Differentiation in Inflammation and Cancer (IDIBAPS & ICREA, Barcelona, Spain)

The Gene Regulation Lab, an ICREA group at the IDIBAPS Research Institute (Barcelona, Spain) is looking for two postdocs to work on one of the projects in "Gene Regulation of Cellular Plasticity and Differentiation in Inflammation and Cancer". ZEB1 and ZEB2 play key roles in homeostasis and in different pathologies regulating stemness (in normal and cancer stem cells), cellular plasticity and differentiation, tissue regeneration, and tumor initiation and progression. The successful candidates will work in a dynamic and international group on one of the several projects currently ongoing to study the role of ZEB factors in the regulation of cellular plasticity and differentiation in inflammation or cancer. All projects make use of a wide array of state-of-the-art techniques, and *in vitro* and *in vivo* approaches including unique transgenic mouse models and high-throughput and OMICs technologies.

Desirable Experience

Applicants with proved experience in any of the following areas will receive higher consideration: molecular oncology (colorectal, ovarian cancer), metabolism (in cancer and/or the immune system), acute & chronic (psoriasis) inflammation, epigenetics, transcriptional regulation, bioinformatics.

CONDITIONS

The salary offered will be commensurate with the expertise and the publication record of candidates. For candidates with strong CV, candidates will apply to competitive Spanish or international postdoc calls.

ADDITIONAL INFORMATION & APPLICATIONS

For further information about the work in the group visit <https://bit.ly/34r2VXT> & <https://bit.ly/3zWD3DG> Applications should include: a) complete CV, b) the names and contact details of three researchers that have supervised the candidate's work. Additional inquiries and applications should be sent to: idib412@clinic.cat indicating "Postdoc Call 2021" on the subject of the email.

SELECTED PUBLICATIONS

(recent articles as [corresponding author](#))

- ★ *Gut* 66:666. IF: 23.0
- ★ *Gut* 68:2129. IF: 23.0
- ★ *Nature Commun* 10:1364. IF: 14.9
- ★ *Nature Commun* 9:2424. IF: 14.9
- ★ *Nature Commun* 5:5660. IF: 14.9
- ★ *Nature Commun* 4:2650. IF: 14.9
- ★ *Sci Advances* 7:abd7455 IF: 14.1
- ★ *Nucleic Acids Res* 46:10697. IF: 16.9
- ★ *Cell Death Differ* 21:247. IF:15.8
- ★ *Clin Cancer Res* 19:1071. IF: 12.7
- ★ *EMBO J* 36:3336. IF: 11.6

REQUIREMENTS

Essential Requirements

- ★ PhD degree in Biology or related biomedical discipline obtained not earlier than January 2018.
- ★ Strong publication record with at least 2-3 first-author articles in high impact journals
- ★ Solid background in Molecular and Cellular Biology.
- ★ Experience in mouse models

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