



Job Offer: Postdoctoral Position (TAMs/Macrophages/Cancer) Group of 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 a postdoc to work on the **role of the plasticity EMT factors ZEB1 and ZEB2 in macrophages during cancer** (tumor-associated macrophages in colorectal cancer, ovarian cancer, melanoma). The ZEB1 and ZEB1 factors play key roles in homeostasis and disease regulating stemness (normal/cancer stem cells), differentiation, tissue regeneration, and tumor initiation and progression.

The successful candidates will join a dynamic and international group of postdoc and PhD students in a leading research center in downtown Barcelona.

The 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.

REQUIREMENTS

Essential Requirements

- ★ PhD degree in Biology or related biomedical discipline obtained not earlier than January 2019.
- ★ 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

Desirable Experience

Candidates with proven experience in any of the following topics will receive higher consideration in the selection process: macrophage biology (acute/chronic inflammation, cancer) molecular oncology, metabolism, epigenetics, transcriptomics, and/or bioinformatics.

CONDITIONS

The positions are available immediately. The salary will be commensurate with the expertise and the publication record.

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: idibaps.postigo3@gmail.com indicating "Postdoc Call TAMs 2021" in 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

