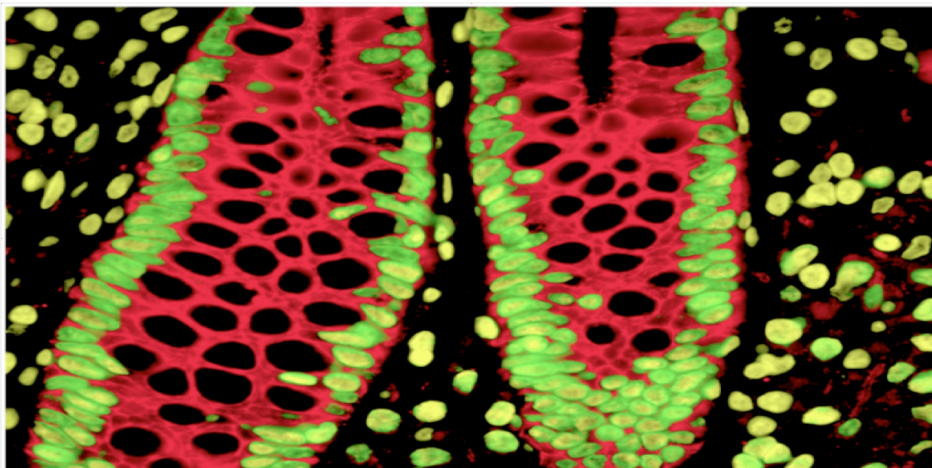


ZEB proteins in
Stem Cells,
Cell Differentiation,
Inflammation,
Regeneration
& Cancer



Job Offer: Postdoctoral Position Regulation of Gene Expression in Stem Cells, Tissue Regeneration, Cell Differentiation, and Cancer

The Gene Regulation Lab at the IDIBAPS Research Institute (Barcelona, Spain) is looking for a postdoc to work in the area of “[Regulation of Gene Expression in Stem Cells, Tissue Regeneration, Cell Differentiation, and Cancer](#)”.

ZEB1 and ZEB2 are key regulators of stemness, cell differentiation, and tumor initiation and progression in carcinomas but their role in normal hematopoiesis and in leukemias or lymphomas remains poorly known. The successful candidate will work in one of the hottest areas in molecular oncology, investigating the role of ZEB1 and ZEB2 in a number of timely cancer topics (tumor microenvironment crosstalk, metabolic reprogramming, cancer stem cells).

The project will make use a wide array of in vitro and in vivo approaches including unique transgenic mouse models and high throughput techniques (RNAseq, ChIPseq, metabolomics). The post-holder will also participate in other projects currently under way in the lab.

REQUIREMENTS

Essential Requirements

- ★ PhD degree in Biology or related bio-medical discipline obtained not earlier than January 2014.
- ★ Strong publication record with at least 2-3 first-author articles in Decile 1 journals with high impact factor
- ★ Solid background in Molecular and Cellular Biology.

Desirable Experience

Although NOT required, candidates will receive higher consideration if they have previous experience in:

- ★ Molecular Oncology, mouse models of cancer, gene expression profiling, or transcriptional regulation.
- ★ Postdoctoral stays outside Spain

CONDITIONS

The selected candidate will apply to competitive postdoc calls in Spain/Europe.

For candidates with a strong CV, it will be possible to pay his/her salary until the results of the postdoctoral fellowship are announced. Salary will be commensurate with experience and publication record.

ADDITIONAL INFORMATION & APPLICATIONS

For further information about the work in the group visit www.icrea.cat/Web/ScientificStaff/Antonio-Postigo-379

Applications should include: a) complete CV and b) the names and contact details (phone and email) of three researchers that have supervised the candidate's work. Additional inquiries and applications should be sent to: idib412@clinic.cat indicating “**Postdoc Call 2019-CANCER**” in the subject of the email.

SELECTED PUBLICATIONS

(recent articles as corresponding author)

- ★ *Nature Commun* 10:1364. IF: 12.3
- ★ *Nature Commun.* 9:2424. IF: 12.3
- ★ *Nature Commun.* 5:5660. IF: 12.3
- ★ *Nature Commun.* 4:2650. IF: 12.3
- ★ *EMBO J* 36:3336. IF: 11.2
- ★ *Nucleic Acids Res* 46:10697. IF: 11.6
- ★ *Gut* 66:666. IF: 17.9
- ★ *Gut* (in press). IF: 17.9
- ★ *PNAS* 108:19204. IF: 9.6
- ★ *Clin Cancer Res* 19:1071. IF: 10.2

