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POSTDOCTORAL FELLOW AT IRB BARCELONA

POSTDOCTORAL POSITION IN NETWORK MEDICINE APPROACHES TO COMPLEX HUMAN DISEASES

Applications are invited for a postdoctoral position in the Structural Bioinformatics & Network Biology Group (Principal Investigator Prof. Patrick Aloy) at the Institute for Research in Biomedicine (IRB). The successful candidate will work in network biology approaches to complex human diseases, more precisely, in Alzheimer's disease (AD) and/or processes associated to breast cancer (BC).

The project is based on a novel network-based strategy able to reveal emerging complex patterns of pharmacological interactions in complex diseases, and suggest potential check and intervention points to monitor and fight the disease from a systemic global perspective. The main role of the postdoctoral fellow would be to provide experimental support to the network-based models generated and to validate the emerging hypothesis in *in vitro* and *in vivo* models.

Candidates should be highly motivated, enthusiastic about science, with an ability to think creatively and work independently. The applicant should have a strong background in cell and molecular biology, with reasonable exposure to high-throughput omics technologies. Previous experience in AD and BC research would be an asset.

To apply, please send a cover letter summarizing your past experience, research interests and career goals and CV including the names and contact information of 2-3 references.

Via email to: irbjobs@irbbarcelona.org (Ref.: PostdocNetMed PD/12/07)

Websites: sbnb.irbbarcelona.org ; www.irbbarcelona.org