# IBFG 2024 Postdoctoral Call

The Institute of Functional Biology and Genomics (IBFG-CSIC) is looking for candidates to apply for **postdoctoral positions** in the areas of **Systems Biology and Genome Biology**.

The IBFG is a joint research institute located in Salamanca (Spain) and jointly managed by the Spanish National Research Council (CSIC) and the University of Salamanca. The Institute fosters research groups covering a broad range of interests, from molecular biology to quantitative systems biology and biotechnology. Laboratories at IBFG are funded by regional, national, and international agencies, including the European Research Council (ERC).

Successful candidates will integrate in a highly interdisciplinary and collaborative environment and will benefit from:

- A work contract of up to 4 years with a competitive salary (38,000 - 42,000€/year).
- Integration into the Spanish Social Security System, including full health and occupational insurance coverage.
- Access to state-of-the-art laboratories and core facilities.
- Opportunities to mentor students at the undergraduate and graduate levels.

Candidates must be eligible for work in the European Union and hold a PhD in Biology, Biochemistry, Bioinformatics, Physics, Mathematics or related fields — degrees in different areas will also be considered provided that the candidate is able to justify their relevance to the advertised positions. Candidates must show a strong track record and an ability to work collaboratively with other members of the laboratory as well as with other groups at the Institute.

Positions are available for the research lines detailed below, each carried out by a different group at IBFG. More information about each group is available at the linked websites. A same candidate may apply for one or various lines, provided that they fulfill the specific requirements indicated below.

| Principal Investigator | Research Areas | Specific Requirements |
|---|---|---|
| **Dr. Olga Calvo (web)** | Transcription regulation and the connection with other cellular processes, Transcription and DNA repair, mRNA imprinting and mRNA buffering | Strong background in genetics, genomics and/or proteomics. Experience in the use of *C. elegans* as a model organism will be positively evaluated, as well as the use of microscopy techniques. |
| **Dr. Juan Diaz-Colunga (web)** | Systems & Computational Biology, Mathematical Models of Evolutionary Processes, Statistical Properties of Fitness Landscapes | Strong quantitative background in mathematics, physics, or related fields. Programming in R and/or Python, or a strong predisposition to learn. Wet lab experience (cell culture, isolation of bacterial strains, etc.) is not required but will be evaluated positively. |
| **Dr. Alvaro Sanchez (web)** | Biophysics, Statistical Physics, Mathematical Biology | Strong background in biophysics, mathematics and statistics. |
| **Dr. Cristina Vieitez (web)** | Systems and Molecular Biology, Protein Post-Translational Modifications and their crosstalk, Cell signaling, Chromatin & Epigenetics | Strong background in Protein biology, Protein PTMs or Epigenetics. Programming in R and/or Python. Experience with omics data analysis will be very positively evaluated. Experience with yeast genetics will be positively evaluated. |

Applications will be reviewed on a running basis. After an initial screening, pre-selected candidates will be invited to give a short presentation (virtually), after which there will be a brief Q&A session with the IBFG principal investigators. The tentative date for this first round of virtual interviews is March 2025. A reduced number of candidates may also be invited for in-person visits at the IBFG. Selected candidates will start their appointments around Fall 2025.

## How to apply

Use the link to the form below to submit your expression of interest. You will be asked to upload an **updated CV**, the names and emails of **two references**, and a one-page **motivation letter** where you briefly describe your scientific background and interests, and why you think you are a good fit for this call.

## CLICK HERE TO APPLY