

# Position Offered: POSTDOCTORAL RESEARCHER

Project: *IBGM bioinformatics and genomics unit for multiomic analysis and the development of predictive algorithms and computational biology in cancer, prevalent diseases and aging*

**Technological and scientific fields:** Biomedicine, Genomics, Computational Biology

**Location:** Valladolid, Castilla y León, Instituto de Biomedicina y Genética Molecular (IBGM)

<http://www.ibgm.med.uva.es/>

**Research Group/PI:** Pathophysiology of Intracellular Calcium @IBGM / PI Carlos Villalobos

## PROJECT SUMMARY

The project consists of the implementation of a bioinformatics and genomics unit or service at the Institute of Biomedicine and Molecular Genetics of Valladolid (IBGM), a joint center of the University of Valladolid and the CSIC. The postdoctoral researcher will lead this service will co-direct the doctoral thesis of the predoctoral researcher who will join under this same project. Finally, through the provision of service and/or scientific collaboration, it will contribute to the development of bioinformatics solutions to IBGM research groups that require it in topics of genomic and transcriptomic analysis, computational biology and massive analysis of biomedical data.

## PROFESSIONAL PROFILE

### Minimum requirements:

- PhD in Biomedical Research or similar
- Master in Bioinformatics and Biostatistics or similar
- Grade in Chemistry or similar
- Scientific publications in the area of transcriptomics

### Merits to be considered:

- Master in Biomedical Research
- Master in Present Techniques in Applied Statistics
- PhD topic in the area of transcriptomics

## WHAT IS OFFERED

The postdoctoral researcher will join the research groups in Pathophysiology of Intracellular Calcium and Molecular Genetics of Hereditary Cancer of the IBGM and develop with them a Bioinformatics and Genomics unit to provide biostatistical and bioinformatics solutions to the demands of the different groups of the center. The postdoctoral researcher will lead this service or unit and will carry out training stays at the Artificial Intelligence Center of the University of Valladolid, the Bioinformatics unit of the CNIC in Madrid, the Bioinformatics Unit of the CIEMAT in Madrid and the Medical Xenomics Unit in Santiago de Compostela. The postdoctoral researcher will have the opportunity to co-direct a doctoral thesis work and develop scientific collaborations with other IBGM research groups involved in Genomics, Computational Biology and massive analysis of biomedical data.

### Contract conditions:

Indefinite contract for a Postdoctoral Researcher associated to the Momentum Project of 4 years' duration according to Spanish science law. Gross annual salary (41.000 € - 52.000 €).

**Start of contract: before 31 December 2024**

## PRINCIPAL INVESTIGATOR CONTACT

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