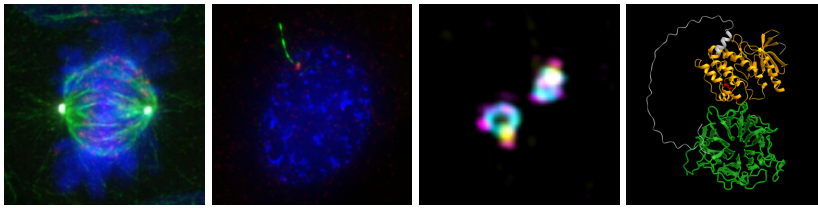


Cell Cycle and Signaling Group, IBMB-CSIC



We offer a **1-year contract** as a predoctoral researcher that, depending on performance and funding, may be extended into a full Ph.D. Thesis contract.

We are looking for candidates with a biology degree or similar that are interested in understanding biological processes at the molecular level. The project will study the **roles of the protein kinase NEK8 at the centrosome and primary cilia and how mutations in this protein result in severe developmental pathologies**. The project is directly funded by "*Una Vida Para Mateo*", *Asociación Española de Ayuda a Enfermos con Alteraciones en el Gen NEK8*.

Highly motivated Master students will be considered but candidates with a finished Master degree are preferred. The project will involve basic biochemistry, molecular and cellular biology techniques (including cell culture and differentiation and CRISPR/Cas9-based genetic engineering) as well as fluorescence microscopy (classical, confocal, super resolution and expansion microscopy). It will address the molecular effects of patient mutations and so it will have a clear clinical implication.

Send your CV, including a clear explanation of your relevant skills, to the email address below.

Start date: Between September 2024 and January 2025.

Occupation: research.

Professional level: Master in Biology, Biochemistry, Genetics, Biomedicine, Biotechnology or similar (Master students can be considered).

Contractual relationship: Temporary

Work modality: In-person

Contact person: Joan Roig (joan.roig@ibmb.csic.es)

<https://www.ibmb.csic.es/en/department-of-cells-and-tissues/cell-cycle-and-signaling/>