



UNIVERSIDAD
DE
CÓRDOBA



HR EXCELLENCE IN RESEARCH



PHD POSITION (FPI fellowship) Project Cyano-Photo-Relax

We are seeking a highly motivated **PhD candidate** to join the **Cyano-Light research team** led by Dr. María AgustINA Domínguez Martín at the University of Córdoba. The position is funded through the Spanish Ministry of Science and Innovation (“Proyectos de Generación de Conocimiento 2024” program).

Project: Cyano-Photo-Relax—Unraveling photoprotection and relaxation mechanisms in cyanobacteria

Host Institution: Department of Biochemistry and Molecular Biology at the Universidad de Córdoba (Spain).

Duration: 4 years (full-time).

Gross annual salary: according to the final resolution of *Proyectos de Generación de Conocimiento 2024* and the salary scales for the FPI statute.

Start Date: First Quarter 2026.

About the Project

Cyanobacteria are the most abundant photosynthetic organisms on Earth and key players in global carbon and oxygen cycles. They must continuously balance light-harvesting with photoprotection to thrive under fluctuating environmental conditions. This is a highly interdisciplinary project combining **molecular biology, biochemistry, photophysiology, and structural biology**, in collaboration with world-leading groups in Switzerland, USA and Spain.

Requirements for candidates

- 1) BSc and MSc in Biology, Biochemistry, Biotechnology or related field.
- 2) Candidates must have a strong commitment to scientific research and a good academic record.
- 3) Candidates must have a good working knowledge of English.
- 4) Candidates must not yet have been awarded a doctoral degree
- 5) Candidates must not have held a PhD contract exceeding twelve months by the beginning of the fellowship.
- 6) Good skills in communication, teamwork, proactivity, integrity, time management, critical thinking, precision and focus.
- 7) Desirable to have experience working with cyanobacteria, molecular biology, protein biochemistry and structural biology.

How to apply

Send the following documents as a single PDF to b32domam@uco.es: Motivation letter (max 1 page); CV (including grades and research experience) and contact details of at least 2 references.

Application deadline: 12th of October 2025.