PhD Thesis FPI Contract Offer

A **4-year contract** is offered to carry out the **doctoral thesis** in the **Protein Folding and Conformational Diseases laboratory**, directed by Salvador Ventura at the Institute of Biotechnology and Biomedicine of the **Autonomous University of Barcelona**.

The thesis is framed within the project:

PROTEIN AGGREGATION: IMPLEMENTATION OF NEW BIOMEDICAL, STRUCTURAL, AND NANOTECHNOLOGICAL STRATEGIES

REQUIREMENTS: Candidates should be EU citizens with a competitive academic record and a strong motivation for studying protein structure, who have completed an **Official Master's degree in Biochemistry, Biotechnology, Molecular Biology**, or related fields.

Interested candidates can submit their **academic transcripts, curriculum vitae**, and a **cover letter** as soon as possible to the email address: salvador.ventura@uab.es The application period is expected to begin in September 2023. Similarly, the contract is expected to start on January 1st, 2024 (subject to the timelines established by the respective institutions).

FOR MORE INFORMATION:

- ***About the lab:***

Protein Folding and Conformational Diseases Lab

- ***Recent publications related to the project:***

- 1. Garcia-Pardo J, & Ventura S. Chemical Targeting of Amyloids. ***Nature Chemical Biology*** in press (2023).
- 2. Garcia-Pardo J, et al. Cryo-EM structure of hnRNPDL-2 fibrils, a functional amyloid associated with limb-girdle muscular dystrophy D3. ***Nature Communications*** 14(1):239 (2023).
- 3. Santos J, Pallarès I, Ventura S. Is a cure for Parkinson's disease hiding inside us? ***Trends in Biochemical Sciences*** 47(8):641-644 (2022).
- 4. Santos J, et al. α-Helical peptidic scaffolds to target α-synuclein toxic species with nanomolar affinity. ***Nature Communications*** 12(1):3752 (2021)
- 5. Caballero M, et al. pH-Responsive Self-Assembly of Amyloid Fibrils for Dual Hydrolase-Oxidase Reactions. ***ACS Catalysis*** 11(2):595–607 (2021)