

Postdoctoral Position (DNA Repair) – University of Florida, Department of Biochemistry and Molecular Biology

The Caglayan lab in the Department of Biochemistry and Molecular Biology, University of Florida seek an outstanding individual with Ph.D. training in biochemistry and/or structural biology to study the DNA repair. The NIH-funded research project will focus on studying genome stability, DNA repair, and DNA damage processing (Caglayan M. 2020, *Nuc. Acids, Res.*; Caglayan M. 2020, *DNA Repair*; Caglayan M. 2019, *J. Mol. Biol.*, Caglayan M. et al., 2018 *Nat. Comm.*, Caglayan M. et al., 2017 *Nat. Comm.*, Caglayan M. et al., 2014 *Nat. Struc. Mol. Biol.*)

The Caglayan group is in both the Department of Biochemistry and Molecular Biology, and UF Health Cancer Center with investigators renowned for their contributions to the area of biochemistry and cancer biology. The lab utilizes a multi-disciplinary approach to investigate complex biological questions using X-ray structure (structure-function studies), biochemistry, enzymology, and molecular biology.

Minimum Requirements

PhD in a related discipline

Preferred Qualifications

- Experience in purifying recombinant proteins by affinity chromatography methods (IEX, HIC, SEC) is required.
- Experience in protein-protein and protein-DNA interaction assays (ITC, SPR with Octet and/or Biacore systems) is essential.
- Experience working with purified proteins and biochemical assays
- Prior experience in enzymology is an advantage (for biochemists).
- Experience in designing constructs for recombinant protein production of crystallographic studies (X-ray crystallography and/or Cryo-EM).
- Previous working experience with evidence of experimental skills and publication record with DNA repair is not required, but preferred.

Advertised Salary

The salary for this position is commensurate with experience as determined by NIH guidelines.

How to apply?

To apply, please send Curriculum Vitae, a cover letter, and contact information for three (3) letters of recommendations to Dr. Melike Caglayan (caglayanm@ufl.edu). To be considered for this position, the interested candidates must apply for the job posting at