

Postdoctoral Fellow – Structural Biology of the Ubiquitination Cycle.

University of Alberta, Department of Biochemistry.

Dr. Leo Spyropoulos invites applications for a Postdoctoral Fellowship in structural biology of the ubiquitination cycle, with a focus on protein NMR spectroscopy. This is a one-year position, with the possibility of extension. Salary will be commensurate with qualifications and experience.

The Department of Biochemistry offers an intensive, collaborative environment for research in structural biology, housing state-of-the-art research facilities, which include high field 600 and 800 MHz NMR spectrometers.

The successful applicant will be employed primarily to study the structure, dynamics, interactions, and kinetics of proteins and enzymes of the ubiquitination cycle, with an emphasis on determining the molecular basis underlying the recognition of polyubiquitin chains as well as the enzymatic catalysis of ubiquitin chain elongation. Experience with general biochemistry, protein expression and purification, protein NMR spectroscopy, protein structure determination, molecular dynamics simulations, enzyme kinetics, and familiarity with computer programming and software (UNIX, Linux, Mathematica) is an asset. Responsibilities of the postdoctoral fellow include coordinating and completing research projects, training and mentoring graduate students, participating in research discussions, and working closely and cooperatively with other members of the Department involved in structural biology. The postdoctoral fellow will be expected to participate fully in research, publication, and dissemination activities.

Qualified candidates will have a recent Ph.D. in protein NMR spectroscopy or a closely related field. Applications will be accepted from candidates who will complete their doctoral degree within one year.

Information about this position can be obtained by contacting Dr. Leo Spyropoulos (leo.spyropoulos@ualberta.ca).

Applicants should send a letter of application, a curriculum vitae, and an example of published research to Dr. Leo Spyropoulos by e-mail, or by regular mail:

Dr. Leo Spyropoulos  
Department of Biochemistry  
Room 416, Medical Sciences Bldg.,  
University of Alberta  
Edmonton, Alberta, T6G 2H7  
CANADA

The University of Alberta welcomes diversity and encourages applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

Additional Information:

Department of Biochemistry: <http://www.biochem.ualberta.ca>  
Postdoctoral Fellows Office: <http://www.postdoc.ualberta.ca>