POST-DOCTORAL POSITIONS AVAILABLE

MACROMOLECULAR MACHINES INVOLVED IN TRANSLATION AND mRNA TRANSPORT

Post-doctoral positions are available immediately to study two separate but related projects: 1) the structure and function of RNA and RNA-protein complexes involved in viral translation regulation on the ribosome and 2) structure and function of RNA-protein complexes required during messenger RNA recognition for processing and transport. Our group primarily uses the structural biology technique of X-ray crystallography in addition to complementary biochemical and biophysical techniques to address function in vitro.

The laboratory is located in the Department of Biochemistry at Emory University School of Medicine where we have state-of-the-art in-house crystallographic facilities and crystallization robots. We also have access to dedicated synchrotron beamtime at the Advanced Photon Source (APS) at Argonne National Laboratory in Chicago. Funding is provided by the NASA Astrobiology Institute as a collaborative project (http://astrobiology.nasa.gov/nai/teams/can5/gatech).

Interested applicants should have a Ph.D. degree in biochemistry, molecular biology or structural biology. X-ray crystallographic experience is preferred but not essential. The ideal candidate must be highly motivated, possess excellent communication skills and the ability to work in a collaborative and team-oriented environment.

To apply for this position, please e-mail a curriculum vitae including a list of publications, a brief statement describing your scientific interests and the names and contact information of three references to:

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