



Job Ref: 10025799

Postdoctoral Fellowship

Join the forefront of groundbreaking research at the [Beckman Research Institute of City of Hope](#), where we're changing lives and making a real difference in the fight against cancer, diabetes, and other life-threatening illnesses. Our dedicated and compassionate faculty and staff are driven by a common mission: Contribute to innovative approaches in predicting, preventing, and curing diseases, shaping the future of medicine through cutting-edge research.

The Thurmond Lab in the Arthur Riggs Diabetes & Metabolism Research Institute, within the Beckman Research Institute of City of Hope, is looking for a highly motivated and team-science minded Postdoctoral Fellow, to study the molecular mechanisms involved in regulating functional beta cell mass, skeletal muscle insulin action, whole body glucose homeostasis, and healthspan/lifespan. The lab specializes in detailed studies of signaling/trafficking/exocytosis, using primary human and rodent islet cells, skeletal muscle cells and adipocytes

The position will encompass a variety of techniques, including human islet functional and structural characterizations in vitro and in vivo, biosensors and live-cell imaging, analysis of protein-protein interactions, CRISPR/small interference RNA, post-translational modifications such as phosphorylation/glycosylation/nitrosylation, as well as use of a variety of inducible tissue-specific transgenic and knockout animal models. The trainee will benefit from a close interaction with world-class clinical and basic science faculty and staff, and gain experience in state-of-the-art genomics, molecular genetics, cell biology, and animal model manipulations.

Your qualifications should include:

Ph.D. degree in life or biomedical sciences, or a related discipline is required.

To apply: <https://www.cityofhopejobs.org/apply/5075/postdoctoral-fellow-molecular-mechanisms-of-diabetes-and-metabolism-postdoctoral-fellowships-us-ca-duarte/>