

Mentor: Joanne E. Murphy-Ullrich, Ph.D. Department of Pathology, University of Alabama at Birmingham, VH G001, 1720 2nd AVE South, Birmingham, AL 35294-0019.
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A post-doctoral position is available in the laboratory of Joanne Murphy-Ullrich, PhD, in the Department of Pathology at the Alabama at Birmingham. Our research examines the role of the endoplasmic reticulum stress protein calreticulin in regulating TGF-beta signaling and fibrosis through control of calcium-dependent signaling. This position is funded by a new grant to study the role of calreticulin in TGF-beta signaling in the kidney proximal tubule under diabetic conditions. The applicant will be expected to examine in vitro mechanisms of calreticulin-TGF-beta regulation under high glucose and oxidant conditions and also to perform in vivo studies using several novel mouse models of diabetic nephropathy.

Candidates must have a **recent** Ph.D. and/or M.D., or equivalent. Priority will be given to qualified candidates with a strong background in cell culture, molecular biology, biochemistry, animal models, and diabetes-related research. The candidate will be expected to write manuscripts and present his/her work at scientific meetings and assist with training of graduate level personnel in the lab. Salary (with benefits) will follow NIH guidelines commensurate with training and experience. Competitive applicants should have a proven track record with publications and the potential for career development. UAB is a highly collegial and interactive environment that has an active Office of Post-doctoral Education which provides mentoring and career guidance in addition to that provided by the mentor.

If interested, please send a letter describing your research experience/interest/future career goals, your CV, and contact information for three references electronically to murphy@uab.edu.