Post-Doctoral Fellow

A postdoctoral fellow position is currently available in Dr. Uma Sundaram’s laboratory at the Department of Clinical Translational Sciences at Marshall University Joan C. Edwards School of Medicine, Huntington WV, to study novel physiological and molecular mechanisms of altered intestinal nutrient and electrolyte transport in obesity and Inflammatory Bowel Disease. This research will involve the formulation and testing of hypotheses, animal experimentation and surgery, cell culture, and molecular biology techniques. The postdoctoral fellows will be expected to be current in the field literature, to plan and conduct experiments, interpret data and publish results. Successful candidates will have a significant record of accomplishment that demonstrates creativity and initiative, and will be working as a team closely with the PI in his well-equipped state-of- the- art research facility.

Applicants must have a Ph.D. degree in any field of biochemistry, biology, pharmacology and medicine. Candidates with a research experience of at least 2-3 years in the field of epithelial transport physiology research at the level of graduate school or post doctorate are highly preferred. The candidates should also have the basic skills in molecular biology techniques, mammalian cell culture, use of radioactivity, and in vitro functional assays. Experience with membrane proteins is desirable.

This fellowship appointment will be a 12-month appointment; however, the appointment may be renewed for an additional two, one-year increments, contingent upon funding availability and satisfactory performance. Applicants should attach a cover letter, curriculum vitae, a description of their research experience, and current contact information for three potential references.