

A postdoctoral position is available at the Penn State University College of Medicine

A postdoctoral NIH funded position is available immediately to study translational regulation of the human surfactant protein A, see *AJP Lung Cell Mol Physiol* 299:L5234-L534:2010.

Our major research interest is to gain insight into the basis of individual variability to disease susceptibility i.e. why certain individuals are more at risk (or protected) for a certain disease. Our experimental focus is on the surfactant proteins and the surfactant protein A (SP-A) in particular, because of its extensive natural genetic variation and its relevance to lung health. The former can serve as a tag to identify individuals at risk and study regulatory differences in order to identify potentially novel points for therapeutic intervention.

We are also interested in studying mechanisms of sexually dimorphic diseases with emphasis on innate immunity as well as the impact ozone-induced oxidative stress may have on these mechanisms. For these we use unique animal models we have generated that each carries a different human SP-A variant.

A successful candidate must have experience in molecular biology, ability of independent thinking, and work well with others. Please email your CV and 3 letters of recommendation to Joanna Floros, Ph.D. Evan Pugh Professor of Pediatrics, and Obstetrics and Gynecology, Director, CHILD Research in the Department of Pediatrics, H085. The Pennsylvania State University College of Medicine 500 University Drive, P.O. Box 850 Hershey, PA 17033-0850 Tel # 717 531 6972; Fax # 717 531 0215; email: jfloros@psu.edu