A fully funded postdoctoral fellow position is available immediately in the laboratory of Thomas J. Mariani, Ph.D., within the Division of Neonatology and the Pediatric Molecular and Personalized Medicine Program at the University of Rochester. This fellow will take a leadership role on a project focused at the intersection of lung biology, toxicology and genomics to identify biomarkers of exposure to tobacco and tobacco-related products, including electronic cigarettes. In particular, the project will involve the use of high-throughput methods to identify cellular regulatory responses to electronic and traditional cigarettes, focusing on both coding and non-coding RNAs, and evaluate whether responses are predictive or causal for exposure-related diseases. The ideal candidate will have a PhD, experience working in one of these fields, and an interest in cellular regulatory mechanisms mediating tobacco-related respiratory disease, particularly in pediatric populations. This project will provide an outstanding opportunity for a motivated, senior trainee to develop an independent area of research.

Interested applicants submit a CV and cover letter to…
Tom_Mariani@urmc.rochester.edu