



UNIVERSITY OF MARYLAND, BALTIMORE

**Postdoctoral Position(s) Available at the University of Maryland, Baltimore
Laboratory of Patrik Bavoil, PhD**

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**Project "Eco-Pathogenomics of Chlamydial Reproductive Tract Infection"
(EPCRTI, NIH NIAID STD-Cooperative Research Center, Bavoil & Ravel, co-PIs)**

EPRCTI is an ambitious collaborative effort including several laboratories at the University of Maryland Baltimore (UMB) (chlamydial pathogenesis, genomic diversity, vaginal microbiota diversity, bioinformatics and clinical resources), the Uniformed Services University (chlamydial antibiotic resistance and physiology), the University of Idaho (bacterial evolution), the University of Arkansas (animal modeling of chlamydial infection) and the University of New South Wales, Australia (biomathematics).

Postdoctoral projects available in Dr. Bavoil's laboratory will involve:

1. studies of the genetic and phenotypic diversity of the polymorphic membrane protein (*pmp*) families of *Chlamydia trachomatis* and the model strain *Chlamydia caviae* and of the Pmp-specific immune response;
2. studies of the genetic and functional diversity (development and pathogenesis) of the type III secretion system of *Chlamydia trachomatis* and *Chlamydia caviae* and its translocated effectors.

The laboratory of Dr. Patrik Bavoil is in the newly created Department of Microbial Pathogenesis located on the 9th floor of the new Dental School building of UMB, next to the UMB Medical School and the UMB Institute for Genome Sciences. The UMB campus is in downtown Baltimore near Camden Yards and the Inner Harbor of Baltimore.

Postdoctoral salaries are based on the NIH scale for postdoctoral fellows, are commensurate with prior postdoctoral experience and include the UMB medical insurance benefit package.

UMB is an equal opportunity employer committed to building an inclusive and diverse campus community and fostering a climate which promotes and values diversity and respect for the individual.

The position(s) is available immediately.

Please send your application including a statement of short and long-term professional interests, a copy of your CV, copies of representative publications (if possible) and the names and e-mail addresses of 3 references to Patrik Bavoil at pbavoil@umaryland.edu.