*ASSISTANT PROFESSOR - BASIC SCIENCES - Microbiology*

The Department of Molecular Biology and Biophysics (MBB) at UConn Health seeks exceptionally creative candidates for an early-to-mid career position (tenure-track Assistant Professor), who use molecular and translational approaches to elucidate the molecular basis of disease in the field of Microbiology/Infectious Disease.

Research in MBB integrates multiple approaches to molecularly define the proteins and pathways affected in human disease. Here, we specifically seek an investigator who has developed a research program studying microbial pathogens (viruses, bacteria or other pathogenic organisms). We are especially interested in researchers who focus on the function of microbial proteins, identification of novel drug targets for antimicrobial therapeutics or mechanisms of drug resistance. Organisms of interest include, but are not restricted to, pathogenic bacteria (e.g. *ESKAPE pathogens, E. coli, T. pallidum etc.*) and pathogenic viruses. The successful candidate will have established a strong research program that utilizes state-of-the-art molecular, genetic, cellular, biochemical, biophysical and/or structural methodologies. The candidate will augment existing strengths in the department and the larger UConn Health research community. Programs that focus on the identification and development of translational outcomes, including probes that will allow for in-depth analysis of key biological pathways or novel drug-like molecules, are also of particular interest.

#### MBB and UConn Health provide a rich and diverse research environment and is deeply committed to the development and success of its incoming faculty. The UConn Health School of Medicine is home to 30 departments and institutes, including Cell Biology, Genetics and Genome Sciences, the Richard D. Berlin Center for Cell Analysis and Modeling, among others. It is also closely affiliated with The Jackson Laboratory and the UConn School of Dental Medicine, both located on the same campus. Candidates will have access to 22 exceptional institutional core facilities, including Microscopy, Structural Biology, High-Performance Computing, EM, MS, FACS, Histology, transcriptomics and proteomics.

Successful applicants will have a PhD, MD or equivalent degree; a sustained record of exceptional scholarly success; and the promise of future innovative accomplishments via a proposed (early-career) or established (mid-career, including evidence of successful extramural grant funding) research programs. Candidates are also expected to be highly collaborative and integrate with the growing number of researchers and physician scientists in the basic and clinical departments at UConn Health.

Interested individuals please visit <https://jobs.uchc.edu/CSS_External/CSSPage_Welcome.asp> Search No: XXXX should submit a curriculum vitae, cover letter, statements of research plans (up to 3 pages) and teaching (up to 1 page).

Questions regarding this position should be addressed to Wolfgang Peti, Department Head, Molecular Biology & Biophysics at [peti@uchc.edu](mailto:peti@uchc.edu).

UConn Health is an affirmative action employer, in addition to an EEO and M/F/V/PWD/PV employer.