The laboratory of Dr. Eugene Koonin at the National Institutes of Health (NIH) in seeking highly motivated candidates for postdoctoral training in the field of bioinformatics, computational biology and evolutionary theory, to work on variety of projects, including, but not limited to, general theory of complexity evolution, evolution of the genomes of microbes and viruses, evolution of virus epidemics, and population genetics of cancer. We are particularly interested in candidates with strong computational skills and background in physics, mathematics, and bioinformatics who are passionate about understanding biological systems in the light of evolution. The ideal candidate should be familiar with both analytical and numerical techniques of solving integrodifferential equations and stochastic processes and have a strong background in statistics.

The NIH is the world leading institute for biomedical research, and Dr. Euegen's Koonin laboratory in particular is recognized as a world leading lab in Computational Biology, focused on genome biology and evolution. Among the discoveries in the lab are the CRISPR system that transformed genome editing in the last decade; massive horizontal gene transfer in the evolution of microbes; and the diversity of the viral world.

Interested candidate should contact Dr. Erez Persi (erezpersi@gmail.com) and/or Dr. Eugene Koonin (koonin@ncbi.nlm.nih.gov).