



New Positions are Available in Protein Engineering, Biophysics and Molecular Imaging

Following on an European Research Council (ERC) grant, new positions for Ph.D. and post-doctorate are available in the laboratory of Dr. Niv Papo in the Department of Biotechnology Engineering at Ben-Gurion University of the Negev. We are looking for highly qualified and motivated individuals who will take a leadership role in the laboratory.

Our research is focused on developing combinatorial and rational synthetic tools and applying them to engineer new biological agents capable of targeting the neovasculature for applications in regenerative medicine and cancer imaging and therapy. These tools include state-of-the-art, cell based directed evolution technology, which allows us to generate novel protein variants with new features such as improved expression, stability, affinity, and target specificity. Inherently interdisciplinary, our laboratory incorporates molecular biology, functional assays, biophysical studies, and *in vivo* imaging techniques (fluorescence, PET) for the development of protein variants valuable not only for their medical applications, but also for the significant insights into the principles of molecular recognition and protein structure-function relationships they generate.

Preferred Qualifications: Research in the Papo Lab is interdisciplinary and positions are available for motivated researchers from a wide variety of backgrounds. Experience in molecular biology, peptide and protein chemistry, cell biology and *in vivo* models are desired.

To apply for this position please submit a CV to papo@bgu.ac.il.

Dr. Niv Papo

Ben-Gurion University of the Negev

Department of Biotechnology Engineering

Marcus Campus, Bldg 29 Rm 004

Office: 972-8-6479623

Cell: 972-52-8689639

papo@bgu.ac.il