

Mechanism-Based Therapeutic Approaches for Neurodegenerative Diseases

The laboratory of Prof. Stanislav Engel (<https://engels45.wixsite.com/engelslab>) is looking for highly motivated students to participate in research aimed at deciphering the molecular mechanisms of neurodegenerative diseases (NDDs), such as amyotrophic lateral sclerosis (ALS), Alzheimer's disease and Parkinson's disease, and at developing mechanism-based approaches for treatment and prophylaxis that integrate immunotherapy, gene therapy, effector cell retargeting and small-molecule compounds. The laboratory's research employs cellular and rodent models of NDDs.

We welcome outstanding international students with an M.Sc. in life sciences or related disciplines to apply for Ph.D. studies and join the lab.

Prof. Engel's lab belongs to the Department of Clinical Biochemistry and Pharmacology at the Ben-Gurion University (BGU) Faculty of Health Sciences: <https://www.bgu.ac.il/en/u/faculties/health-sciences>

BGU is a prominent research and teaching center in Israel. The Ph.D. program lasts four years, during which students receive full fellowships. Dormitories near the campus are available.

The scientific environment at BGU is dynamic and collaborative, and the University has a large and supportive community of international students. Beer Sheva, where BGU is located, is the largest city in southern Israel, a cultural and technological center situated about 40 minutes' drive from the Mediterranean Sea, about one hour's drive from the Dead Sea and three hour's drive from the Red Sea.

To apply: please send a letter describing your research experience and interests, and a CV (including transcripts) to Prof. Stanislav (Stas) Engel: engels@bgu.ac.il.