



Prof. Gila Kahila Bar-Gal's laboratory is seeking a doctoral student candidate.

The research project focus on the evolution of a biodiversity in Israel.

Global climate change and rapid anthropogenic alterations to biotic and a-biotic conditions are accelerating biodiversity decline and changing ecosystems' functions. Loss of genetic diversity and ecological integrity might ultimately reduce the evolutionary potential of animal populations experiencing rapidly changing conditions. The proposed multidisciplinary research will focus in understanding the genetic changes among two species, the mountain gazelle (*Gazella gazella*) and the jungle cat (*Felis chaus*), which share the same habitat and ecosystem at the southern Levant. The genetic changes will be studied based on genomic analysis of samples from the Natufian period (~ 15,000 years ago) to the present day.

The candidate will receive a scholarship for the entire period of her/his PhD. study. The project will be carried out in collaboration with a laboratory in the United States, as well as with researchers from other institutions in France and Israel.

Please send CV and grades files until the 10th of September 2021.

The research starts October 2021

If you are interested, please contact: gila.kahila@mail.huji.ac.il