

Postdoctoral position in Circadian Physiology at Tel-Hai College and MIGAL - Galilee Research Institute, Israel

A four to a five-year postdoctoral position is currently available in the laboratory of Dr. Roe Gutman, Unit of Integrative Physiology, MIGAL – Galilee Research Institute, Kiryat Shmona, Israel (<http://www.migal.org.il/Roe-Gutman>, <https://www.linkedin.com/in/roee-gutman-0889208/>).

The successful candidate will lead a research project (funded for the following 5-years by The Israel Science Foundation) to evaluate the metabolic cost of entrainment of the endogenous circadian clock to the environmental photic cycle under obesogenic conditions (See our latest publication <https://doi.org/10.1080/07420528.2020.1869029>).

We plan to compare responses of wild-type mice to a high-fat and low-fat diet under several light regimens with different period lengths. Under these conditions, we will compare the rate of obesity and metabolic syndrome, along with parameters related to energy and circadian homeostases such as energy intake and expenditure, locomotor activity, circulating hormones and metabolites, and expression levels of genes related to energy and circadian homeostasis.

The successful candidate will be expected to produce first-authored papers, develop synergistic projects, and train graduate students in the lab. Applicants must have a Ph.D. in a relevant field (e.g., physiology and behavior) and a demonstrated experience in relevant skills, such as collecting and analyzing indirect calorimetry and locomotor activity circadian data.

This is a one-year full-time position with the possibility of renewal for a total of four to five years, pending satisfactory performance. The position start date is somewhat flexible, but we hope to employ someone by the end of 2021.

To apply for this position, please submit a PDF containing: 1) a letter of interest describing relevant experience, goals, and research interests, 2) curriculum vitae, and 3) names and e-mail addresses for three or more references. Please submit the PDF to Dr. Roe Gutman (roee@migal.org.il).