A postdoctoral position is available in the field of peripheral and central mechanisms of pain under the supervision of Dr. Alex Binshtok. The main raison d'être of Dr. Binshtok's lab is to study the changes along nervous system leading to chronic pain using a variety of electrophysiological, histological and in-vivo and in-vitro imaging approaches to follow the noxious signals. Our studies span from the peripheral level to the cerebral cortex. The candidate will join a project (1) identifying selective group of cortical neurons activated and modulated by noxious stimulation and (2) studying plastic changes in peripheral and central neurons underlying chronic pain.

Requirements:
Candidates must hold a PhD degree in Neurobiology or related disciplines (e.g. Physics, Chemistry, Computer sciences) and should been experienced in imaging and electrophysiology (experience in in-vivo approaches is an advantage). Candidates should be proficient in English.

Further details:
Possible start of employment: September 2020

For more information, please visit: elscl.huji.ac.il/binshtok/home
or contact via email: alexanderb@ekmd.huji.ac.il