A postdoctoral position is available in the field of CNS and Neural Crest development under the supervision of Prof. Chaya Kalcheim. The Kalcheim lab is using state of the art cellular, molecular and imaging techniques to investigate the mechanisms responsible for cell fate decisions during neural development, the dynamics of cell migration and the logic of signal integration during development. Successful candidates are expected to tackle questions concerning the formation of the embryonic roof plate that include performing single cell transcriptomic analysis of neural progenitors followed by elucidation of the function of selected genes and their integration into functional networks.

Requirements:
Candidates must hold a PhD degree in Neurobiology, Cell biology or Developmental biology and should have interests in in vivo manipulation of avian embryos, imaging and molecular techniques (experience is an advantage). Candidates should be proficient in English.

Further details:
Possible start of employment: July 2017
For more information, please visit URL: sites.google.com/site/kalcheimlab
Or email: kalcheim@cc.huji.ac.il