A **postdoc computational biologist** position is available at Dr. Roi Avraham laboratory, Weizmann institute of Science, Israel.

The Avraham lab is interested in host-pathogen genomics and how individual encounters between host and pathogenic bacteria can ultimately define the outcome of infection. This is achieved by applying cutting edge technology and single-cell analysis platforms that collectively enable us to extensively profile and precisely monitor host-pathogen interactions within the context of in vitro, in vivo and human infectious diseases. The candidate will be expected to conduct state-of-the-art single cell RNA-seq analysis and require expertise in machine learning, deconvolution models and big data analysis. The work is both independent and collaborative with other scientists in the lab and international collaborations.

Requirements:

Candidate must have a strong background in computational biology, statistics and bioinformatics.

Python, MATLAB or R programing experience is required.

We are seeking a highly motivated, creative scientist with excellent communication skills and the ability to be independent while also working in a multi-disciplinary team environment.

Experience with high-throughput sequencing data analysis is strongly preferred.

Degree Required: Ph.D. in computational biology, bioinformatics, systems biology, or related field.

To apply send a curriculum vitae and a cover letter explaining relevant work experience to **roi.avraham@weizmann.ac.il**