

## Open M.Sc. student position at the Medical Genetics Research Lab (Rambam Health Care Campus)

### About our lab:

- Our lab focuses on understating the molecular and biochemical basis of rare genetics syndromes.
- We aim to help families with rare Mendelian disorders reach an accurate diagnosis, provide information on the clinical spectrum, establish management guidelines, and identify potential treatments.
- We study neurodevelopmental syndromes, hereditary cancer syndromes and hereditary gut disorders.

### Project for M.Sc. student:

We are looking for an M.Sc student for a project on a specific neurodevelopmental syndrome with transcriptional dysregulation. The same gene is also associated with certain malignant tumors in adults. The project will include collection of clinical data and samples from patients around the world, and cell based studies on gene and protein expression.

The student will gain experience in molecular biology methods such as PCR, DNA and RNA extraction, sequencing, western blot, immunofluorescence, cell culture and additional methods.

### Contact information

Dr. Hagit Baris & Dr. Karin Weiss: K\_weiss@health.gov.il , 0545449098

**Examples of previous work:** PMID: 29875123, 28657861, 27773429, 27616479  
30089087.

