



NAME OF LABORATORY: Research laboratory in cerebrovascular diseases and dementia

PI: Dr. Einor Ben Assayag PhD

Director of Division: Prof. Nir Giladi MD

Research Objectives: Evaluation of early markers for cognitive and functional outcome in cerebrovascular diseases

Methods: Longitudinal cohort studies using multi-modal approach, combining neuroimaging analyses, biochemical parameters, psychological measures and gene expression profiles.

Main Research topics:

- Inflammatory responses and their involvement in cognitive decline or dementia associated with cardio- and cerebrovascular diseases.
- Mechanisms of stress vulnerability to develop accelerated brain ageing, as well as cerebrovascular cognitive and affective deterioration.

Staff:

- Dr. Efrat Kliper – neuroimaging
- Viki Volfson – RNA, cognition
- Saly Usher – genetics
- Anat Mor – Database

Active Grants:

- Israel Binational Science Foundation (**BSF**)
- BRAIN Center Fund - TASMC internal funding

Collaborations:

- Prof. Esti Shohami, The Hebrew University, Israel
- Prof. Clemens Kirschbaum, Dresden University of Technology, Germany
- Prof. Alcino Silva and Prof. Bruce H. Dobkin, UCLA, USA; Prof. Michael Chopp, Henry Ford Health System, Detroit, USA
- Prof. Gary Rosenberg, University of New Mexico, USA;

Contact us:

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