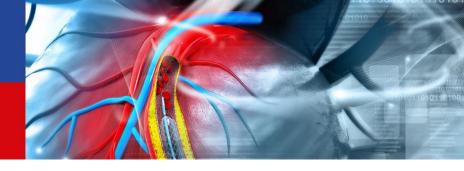
Research at Tel Aviv Sourasky Medical Center



## Vascular & Metabolic Diseases

## **NAME OF LABORATORY:** Tel Aviv Medical Center Inflammation Survey

PI: Dr. Shani Shenhar-Tsarfaty PhD

Director Department: Prof. Shlomo Berliner MD, Prof. Ori Rogowski, MD, Prof. David Zeltser MD, Prof. Izhak Shapira MD.

**Research Objectives:** The Tel Aviv Medical Center Inflammation Survey (TAMCIS) is a long-term, ongoing cardiovascular cohort study evaluating stress and inflammation in 20,000 apparently healthy working adults admitting to our medical center for routine annual medical check-ups. It is designed to evaluate the association between physiological and psychological measures and their additive effect on cardiovascular risk.

Research methods include basic molecular biology as well as sophisticated statistical models.

## Main Research Topics:

- Cholinergic regulation of stress and inflammation.
- Exercise-induced urinary protein secretion as a risk for metabolic syndrome.
- Determination of new set of control limits for the identification of patients at risk.
- The influence of work characteristics (burnout and stress) on employees' physical health

**Staff:** Study team includes study coordinate, lab technician, medical science MSc. Student and medical interns doing basic research.

## **Collaborations:**

- Multidisciplinary research with the collaboration with Prof. Sharon Toker from the school of management, Tel Aviv University.
- Prof. Hermona Soreq, department of Biological Chemistry of the Hebrew university and with the neurology and cardiology departments of our medical center.

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