



NAME OF LABORATORY: Tel Aviv Medical Center Inflammation Survey

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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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