



TECHNION
Israel Institute
of Technology

rticc
Rappaport
Technion Integrated Cancer Center

*Cancer
Cure is
Born Here*



D. DAN AND BETTY KAHN
HUMAN HEALTH BUILDING

Prof. Alexander Birbrair

Department of Dermatology
University of Wisconsin-Madison

Host
Prof. Amir Orian
Director, RTICC

RTICC

INTERNATIONAL GUEST SEMINAR

24th February
10:30-11:30



**4th Floor seminar Room, The Ruth and
Bruce Rappaport Faculty of Medicine**

"Identifying the role of nervous system in Melanoma arising outside the CNS"

Recent studies by our group and others have demonstrated that cancer and the nervous system bear a close, entangled relationship. Melanoma-infiltrating nerves affect tumor progression, but the cellular and molecular mechanisms underlying these findings remain poorly understood. Nerves signal to other cell types via neuropeptide receptors. We found the expression of specific neuropeptide receptors (RAMP1 and PAC1) present within melanoma tumors associated with increased risk of death. We are defining their mechanistic and therapeutic significance in melanoma. Our data suggest them as promising therapeutic targets to obtain anti-melanoma responses.