



Simposio Internacional / *International Symposium:*

**Nuevas perspectivas en la investigación sobre el cáncer**  
*New insights in cancer discovery*

Madrid, 26 y 27 de octubre de 2017 / *October 26-27, 2017*

## ITAY TIROSH



**Dr. Itay Tirosh**, a member of the Department of Molecular Cell Biology, is a computational systems biologist who is enhancing the range of medically-significant data that can be derived through the use of single-cell genomic techniques. Specifically, he has pioneered the application of single-cell RNA-sequencing to solid human tumors in melanoma and glioblastoma—an

aggressive form of brain cancer.

His advances are making it possible to better characterize complex interactions between heterogeneous populations of cancer cells within tumors on the one hand, and diverse type of immune cells on the other. Dr. Tirosh's work is contributing to advances in personalized medicine, an approach that will someday give doctors the data needed to match the best treatment to each individual cancer patient.

Dr. Tirosh, who completed both his MSc and PhD at the Weizmann Institute, returned to campus to join the faculty after completing postdoctoral research at the Broad Institute of MIT and Harvard.