

DSV

Seminars

2019



UNIVERSITÀ
DEGLI STUDI DI TRIESTE



DIPARTIMENTO DI
SCIENZE DELLA VITA



PhD Program in Molecular Biomedicine

Friday, 8 November 2019 - 11:00

Room L, Building C1 – main campus
University of Trieste

Dr. Sue Haupt PhD

Peter MacCallum Cancer Centre
Melbourne, Australia

Host: Giannino del Sal

A case for the p53-axis in cancer sex-disparity

The incidence of non-reproductive cancers in the western world is higher in men than women. We investigated whether the major tumour suppressor *TP53* may contribute to this phenomena, informed by our findings of sex-disparity in disease manifestation, in a compound mutant p53 mouse model that we generated. In this mouse model males developed more aggressive cancers with reduced lifespan compared with females, arguing that these discrepancies cannot be adequately explained by environment and lifestyle. Our recent bioinformatics study explored molecular alterations focusing on a novel *TP53*-network with peculiar advantages associated with extended female survival. In this presentation these new findings will discussed.

