

DSV

2019

Seminars



UNIVERSITÀ
DEGLI STUDI DI TRIESTE



DIPARTIMENTO DI
SCIENZE DELLA VITA



PhD Program in Molecular Biomedicine

Friday, 8 November 2019 - 9:30

Room L, Building C1 – main campus
University of Trieste

Prof. Ygal Haupt PhD

Head Tumour Suppression Laboratory
Peter MacCallum Cancer Centre
Melbourne, Australia

Host: Giannino del Sal

Restoration of tumour suppression to treat wt and mutant p53 hormone related cancers

The function of key tumour suppressors, such as p53 and PML, is universally compromised in cancers. With p53, in half the cases it is mutated, while in the remainder, alternative regulatory pathways are deregulated, such as excessive degradation/inhibition by the MDM proteins. Similarly, excessive E6AP expression promotes the destruction of other tumour suppressors.

In breast cancer (BrCa), p53 mutations varies across the different sub-types. Likewise, in prostate cancer (PC), p53 mutations vary markedly between primary localized disease and castration resistant metastatic disease. I will present data describing new approaches to treat wt and mutant p53 cancers. I will also present data on the restoration of tumour suppression by targeting E6AP.

