

# DSV Seminars

# 2015



UNIVERSITÀ  
DEGLI STUDI DI TRIESTE



DIPARTIMENTO DI  
SCIENZE DELLA VITA

## *PhD Program in Molecular Biomedicine*

**Friday, 2 October 2015 - 9:30**

Room 3A, H3 Building – Via Valerio, 12/2

### **Dr. Andrea LUNARDI**

Group Leader  
Armenise/Harvard Laboratory  
of Cancer Biology & Genetics  
Centre for Integrative Biology (CIBIO)  
University of Trento

*Plenary lecture opening the  
students mid-term presentations event*

### **A GENETIC PLATFORM TO MODEL SARCOMAGENESIS**

The paucity of therapeutic options for the treatment of sarcoma calls for a rapid and effective preclinical assessment of new therapeutic modalities. However, the regulatory circuits governing adult mesenchymal stem cells (MSCs) transformation and sarcomagenesis are still largely unknown, which substantially delays the identification of effective therapeutic approaches. Here we present a novel platform to faithfully deconstruct in vitro and in vivo the molecular genetics responsible for adult MSCs-derived sarcomagenesis and, ultimately, evaluate the efficacy of targeting the identified oncopathways.

