

# 1<sup>st</sup> IFOM-CSI|NUS Joint Symposium

## Novel View-points of the Nucleus in Cancer

Milan, May 11, 2017  
IFOM, Conference Room - Bldg 9

### Program

#### Thursday May 11

08:30	09:00	<i>Registration &amp; Welcome coffee</i>
<b>Session 1: Nucleus structure-function</b>		
09:00	09:30	Marco Foiani, IFOM Scientific Director
		<i>An integrated ATR, ATM and mTOR-mechanical network controlling nuclear plasticity and cell migration</i>
09:30	10:00	Francesco Blasi, IFOM Deputy Director for Science
		<i>PREP1: a new Nuclear Lamina player connecting shape and stiffness of the nucleus to Lamins, DNA replication symmetry and timing</i>
10:00	10:30	Paolo Maiuri, IFOM PI
		<i>Nuclear polarity: does it exist?</i>
10:30	11:00	<i>Coffee break</i>
<b>Session 2: The DNA damage response</b>		
11:00	11:30	Dana Branzei, IFOM PI
		<i>Roles of the Warsaw Breakage Syndrome helicase DDX11 in replication stress and chromosome structure integrity</i>
11:30	12:00	Kristina Havas Cavalletti, IFOM PI
		<i>Metabolic Dysregulation in Minimal Residual Disease Drives Breast Cancer Recurrence</i>
12:00	12:30	Anand Jeyasekharan, CSI PI
		<i>Phenotypic markers of homologous recombination deficiency in cancer</i>
12:30	13:30	<i>Lunch at Campus Bar</i>

### Session 3: Chromatin

13:30	14:00	Wee Joo Chng, CSI Deputy Director and NCIS Director
		<i>Non-canonical EZH2 function in NK/T-cell lymphoma</i>
14:00	14:30	Sudhakar Jha, CSI PI
		<i>Chromatin remodeling in transcription, repair, and oncogenesis</i>
14:30	15:00	Francesco Ferrari, IFOM PI
		<i>Chromatin 3D organization and regulation of transcription</i>

### Session 4: RNA

15:00	15:30	Daniel Tenen, CSI Director
		<i>RNA regulation of epigenetic marks</i>
15:30	16:00	Fabrizio d'Adda di Fagagna, IFOM PI
		<i>DNA damage response in ageing and cancer and the role of non coding RNA</i>
16:00	16:30	Yvonne Tay, CSI PI
		<i>MicroRNA-638 regulates iron storage via a gene: pseudogene network in prostate cancer</i>
16:30	17:00	Coffee break

### Session 5: Cancer

17:00	17:30	Stefano Casola, IFOM PI
		<i>The B cell antigen receptor as fitness determinant in aggressive MYC-driven lymphomas</i>
17:30	18:00	Phillip Koeffler, CSI PI
		<i>What do we mean when we say preleukemia</i>
18:00	18:30	Nils Gauthier, IFOM PI
		<i>Membrane cytoskeleton cross-talk during cell motility</i>