

# 3<sup>rd</sup> IFOM Symposium Evolution, Resistance and Cancer

October 29-30, 2018

IFOM, Milan - Italy  
Conference Room (Bldg. 9)

## Program

Monday, October 29	
13:30 - 13:45	Registration
13:45 - 14:00	Welcome introduction - Andrea Ciliberto
	1 <sup>st</sup> session - chairman Marco Cosentino Lagomarsino
14:00 - 14:45	<b>Jamie Blundell</b> CRUK Cambridge Center and University of Cambridge - UK <i>The evolutionary dynamics of blood production</i>
14:45 - 15:30	<b>Gilles Fischer</b> Sorbonne Université – CNRS, Paris - FR <i>Genome evolution in Yeast</i>
15:30	Speaker picture
15:30 - 16:00	Coffee break
16:00 - 16:20	<b>Kristina Havas</b> IFOM, Milan - IT <i>Tumour Ecology: Investigating Mechanisms of Intratumoral Heterogeneity</i>
16:20 - 17:05	<b>Giulia Rancati</b> Institute of Medical Biology, A*STAR - SGP <i>Environmental perturbations cause genome instability in mammalian cells</i>
17:05 - 17:25	<b>Dávid Szüts</b> Hungarian Academy of Sciences, Budapest - HU <i>The genomic imprint of cancer therapies helps timing the formation of metastases</i>
17:25 - 18:10	<b>Samra Turajlic</b> The Francis Crick Institute; the Royal Marsden Hospital and the Institute of Cancer Research, London - UK <i>Tracking renal cancer evolution through time and space</i>
18:10 - 18:30	<b>Giuseppe Rospo</b> Candiolo Cancer Institute IRCCS - IT <i>Genomic and neoantigens profile in mismatch repair deficient cancer cells</i>

## Tuesday, October 30

	<b>2<sup>nd</sup> session - chairman Stefano Casola</b>
09:00 - 09:45	<b>Alberto Bardelli</b> <i>IFOM, Milan - IT</i> <b><i>Cancer evolution as a therapeutic target</i></b>
09:45 - 10:30	<b>Gianni Liti</b> <i>Université Côte d'Azur, CNRS, INSERM, IRCAN, Nice - FR</i> <b><i>Evolution of drug resistance across distinct evolutionary timescales</i></b>
10:30 - 10:50	<b>Igor Rouzine</b> <i>CNRS-UPMC, Paris - FR</i> <b><i>Universal footprint of epistasis and the window of detectability</i></b>
10:50 - 11:15	<i>Coffee break</i>
11:15 - 12:00	<b>Maria Rodriguez Martinez</b> <i>IBM Research, Zürich - CH</i> <b><i>Chimaera: Inferring clonal composition from multiple tumor biopsies</i></b>
12:00 - 12:20	<b>Giovanni Crisafulli</b> <i>Candiolo Cancer Institute IRCCS - IT</i> <b><i>Genomic evolution of individual metastases in HER2+ patient</i></b>
12:20 - 13:15	<i>Lunch @ Campus Bar</i>
13:15 - 14:00	<b>Francesca Ciccarelli</b> <i>The Francis Crick Institute and King's College London - UK</i> <b><i>Cancer evolution: is positive selection all that matters?</i></b>
14:00 - 14:45	<b>Tobias Bollenbach</b> <i>University of Cologne - DE</i> <b><i>Perturbing antibiotic resistance evolution</i></b>
14:45 - 15:00	<b>Conclusions</b>