the giovanni ARMENISE HARVARD foundation

Giovanni Armenise Harvard Foundation 17th Symposium
Quantifying Biology in Space and Time
June 9 – 12, 2019
Park Hotel ai Cappuccini, Gubbio, Italy

PROGRAM

SUNDAY, JUNE 9, 2019

Arrivals and Check-in

5:30 PM Registration

6:30 PM Welcome and Introduction
George Daley, Dean, Harvard Medical School (HMS)

6:45 PM Keynote Address
Karen Adelman, BCMP, HMS
Controlling transcription at coding and non-coding RNA loci

7:30 PM Welcome Reception and Opening Dinner

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MONDAY, JUNE 10, 2019

7:00 - 8:30 AM	Breakfast
Session 1	**Session Title: Cell circuits in space and tIme** Session Chair: Steve Blacklow, BCMP, HMS *20 minute talks plus 10 minutes for Q & A*
8:30 AM	Tommy Kirchhausen, Cell Biology, HMS *Imaging subcellular dynamics from molecules to multicellular organisms*
9:00 AM	Andrea Ciliberto, IFOM, FIRC Institute of Molecular Oncology, Milan *Stopping the unstoppable: why and how cells escape from a mitotic arrest*
9:30 AM	Andrew Kruse, BCMP, HMS *Structural basis for rapid desensitization of GPCR signaling*
10:00 AM	Break
10:15 AM	Diego di Bernardo, Telethon Institute of Genetics and Medicine, Naples *Cybergenetics: engineering and control of transcriptional circuits*
10:45 AM	Adrian Salic, Cell Biology, HMS *Lipid-dependent regulation of a developmental morphogen*
11:15 AM	Francesca Ciccarelli, The Francis Crick Institute, London *Systems Biology to Study Cancer Evolution*
11:45 AM	Break
12:00 PM	Steve Blacklow, BCMP, HMS *A molecular mechanism for feedback inhibition of notch signaling*
12:30 PM	Alberto Bardelli, Oncology, Candiolo Cancer Institute IRCCS, University of Turin *Cancer evolution as a therapeutic target*
1:00 PM	Lunch
Session 2	**Session Title: Single-molecule measurement of transcriptional circuits** Session Chair: Michele Caselle, University of Turin *20 minute talks plus 10 minutes for Q & A*
2:30 PM	Kevin Struhl, BCMP, HMS *Extensive structural differences of closely related 3' mRNA isoforms: links to Pab1 binding and mRNA stability*
3:00 PM	Marie-Laure Baudet, Center for Integrative Biology, University of Trento *microRNAs: gatekeepers of space and time in brain wiring*

MONDAY, cont'd

3:30 PM	Luigia Pace, Italian Institute of Genomic Medicine *Epigenetic and transcriptional control during T cell fate commitment*
4:00 PM	Davide Cacchiarelli, Telethon Institute of Genetics and Medicine, Naples *Understanding transcription factors through quantitative biology*
4:30 PM	Break (15 minutes)
4:45 PM	Luca Giorgetti, Friedrich Miescher Institute for Biomedical Research, Basel *Towards a quantitative understanding of chromosome structure and transcriptional regulation*
5:15 PM	Gioacchino Natoli, European Institute of Oncology & Humanitas, Milan *Access to the genomic regulatory information and the control of inflammatory gene expression*
6:00 PM	Poster Session, with Wine/Prosecco and Hors d'oeuvres
8:00 PM	Dinner

TUESDAY, JUNE 11, 2019

6:30 - 8:30 AM	Breakfast
7:45 AM	Guided Excursion to Assisi (optional) Free morning for those not participating in the excursion
1:30 PM	Lunch
Session 3	**Session Title: Detecting biological mishaps one molecule at a time** Session Chair: Rosa Bernardi, San Raffaele Scientific Institute, Milan *20 minute talks plus 10 minutes for Q & A*
2:30 PM	Johannes Walter, BCMP, HMS *The acrobatics of replication-coupled DNA repair*
3:00 PM	Luca Fava, Center for Integrative Biology, University of Trento *How do cells count centrosomes?*
3:30 PM	David Pellman, Pediatric Oncology, Dana-Farber Cancer Institute *Rapid genome evolution from catastrophic cell division errors*
4:00 PM	Francesca Demichelis, Center for Integrative Biology, University of Trento *Synthetic lethal candidates nominated through orthogonal data driven search*
4:30 PM	Break

TUESDAY, cont'd

4:45 PM	Susan Shao, Cell Biology, HMS *Mechanism of ribosome-associated quality control*
5:15 PM	Sun Hur, BCMP, HMS *Ubiquitin E3 ligases in innate immunity*
5:45 PM	Federico Forneris, University of Pavia *Molecular mechanisms of collagen lysyl hydroxylases and glycosyltransferases*
6:15 – 7:00 PM	Closing Keynote Pier Paolo Di Fiore, European Institute of Oncology, University of Milan *Subverted endocytosis and cancer: much more than meets the eyes*
8:00 PM	Dinner

WEDNESDAY, JUNE 12, 2019

6:30 - 10:30 AM	Breakfast
11:00 – All Day	Hotel check-out and Departures