

Summer School per ShanghaiTech

Thursday, 25 August 2016

Biology, genetics and physiology - Sala Archivio Antico (10:00 - 12:00)

time	[id] title	presenter
10:00	[25] The end of genetics?	Prof. DANIELI, Gian Antonio
11:00	[26] Transcriptional landscape of the Genome	Prof. LANFRANCHI, Gerolamo

Saturday, 27 August 2016

Biology, genetics and physiology - Astronomical Observatory (09:00 - 12:00)

time	[id] title	presenter
09:00	[39] Cocaine: from dependence to addiction, from optogenetics to rTMS	Prof. GALLIMBERTI, Luigi
10:30	[40] Molecular control of cancer stemness and metastasis	Prof. PICCOLO, Stefano

Biology, genetics and physiology - Astronomical Observatory (14:00 - 17:30)

time	[id] title	presenter
14:00	[41] Host-□pathogen interaction: the paradigmatic case of Helicobacter pylori and its role in gastroduodenal pathologies with particular reference to China	Prof. MONTECUCCO, Cesare
16:15	[42] Host-□pathogen interaction: the story of tetanus and its toxin	Prof. MONTECUCCO, Cesare

Sunday, 28 August 2016

Biology, genetics and physiology - Astronomical Observatory (09:00 - 12:00)

time	[id] title	presenter
09:00	[43] Exploring cellular Calcium homeostasis with recombinant probes	Prof. CALI', Tito
10:15	[44] Engineering stem cell potential	Prof. ELVASSORE, Nicola

Monday, 29 August 2016

Biology, genetics and physiology - Astronomical Observatory (09:00 - 12:00)

time	[id] title	presenter
09:00	[45] Biochemistry and Biophysics of communication between cells	Prof. MAMMANO, Fabio

Tuesday, 30 August 2016

Biology, genetics and physiology - Astronomical Observatory (09:00 - 12:00)

time	[id] title	presenter
09:00	[48] On the evolution of humankind: the branching tree of the genus Homo	Prof. PIEVANI, Telmo

Wednesday, 31 August 2016

Biology, genetics and physiology - Astronomical Observatory (09:00 - 12:00)

time	[id] title	presenter
09:00	[49] The evolutionary choice of cellular signals: why calcium?	Prof. CARAFOLI, Ernesto
10:15	[50] Scientific frauds and errors: the dark side of Science	Prof. CARAFOLI, Ernesto

Biology, genetics and physiology - Astronomical Observatory (14:00 - 17:00)

time	[id] title	presenter
14:00	[51] Visual perception and colour illusion	Prof. DA POS, Osvaldo

Friday, 2 September 2016

Biology, genetics and physiology - Astronomical Observatory (09:00 - 12:00)

time	[id] title	presenter
09:00	[52] Mechanisms and significance of apoptotic cell death	Prof. SANDRI, Marco
10:15	[53] Autophagy: elimination of dysfunctional cell components	Prof. SANDRI, Marco

Biology, genetics and physiology (14:00 - 17:00)

time	[id] title	presenter
14:00	[54] Optogenetics: a tool to investigate heart functions	Prof. MONGILLO, Marco

Biology, genetics and physiology - Astronomical Observatory (18:00 - 19:15)

time	[id] title	presenter
18:00	[62] From single cells and single columns to cortical networks	Prof. SAKMANN, Bert

Saturday, 3 September 2016

Biology, genetics and physiology - Astronomical Observatory (09:00 - 12:00)

time	[id] title	presenter
09:00	[55] Mirror cognition	Prof. BERTAMINI, Marco
10:15	[56] A life detector in the newborn brain	Prof. REGOLIN, Lucia

Sunday, 4 September 2016

Biology, genetics and physiology - Astronomical Observatory (08:30 - 10:00)

time	[id] title	presenter
08:30	[59] Keeping mitochondria in shape, a matter of life and death	Prof. SCORRANO, Luca

Biology, genetics and physiology - Astronomical Observatory (17:30 - 19:00)

time	[id] title	presenter
17:30	[60] The discovery of blood circulation at the University of Padova	Prof. THIENE, Gaetano

Tuesday, 6 September 2016

Biology, genetics and physiology - Astronomical Observatory (09:00 - 12:30)

-Conveners: Giuseppe Longo

time	[id] title	presenter
09:00	[65] Homo technologicus comes of age: an ongoing revolution	Prof. LONGO, Giuseppe
10:15	[63] Natural-□Artificial: continuity or discontinuity?	Prof. LONGO, Giuseppe
11:15	[64] Body and Technology: continuity or discontinuity?	Prof. LONGO, Giuseppe

Biology, genetics and physiology - Astronomical Observatory (17:00 - 18:15)

Biology, genetics and physiology - Astronomical Observatory (17:00 - 18:15)

-Conveners: Rosario Rizzuto

time	[id] title	presenter
17:00	[66] From the laboratory bench to the management of research	Prof. RIZZUTO, Rosario