December 4th, 2018

9:00- 9:15 Welcome and opening remarks of the Director of the PhD Programme Prof. Paolo Visca

XXXI PhD Programme STB (20 min presentation; 5 min discussion)

Microbiology and Biotechnology Session
Chairs: Prof. Antonini, Prof. Visca

9:15 - 9:40 HIJAZI SARAH
“Virulence determinants in Pseudomonas aeruginosa for the development of antibacterial agents” (tutors VISCA-FRANCIPIANI)

9:40 - 10:05 DE SABATO LUCA
“Novel approaches to investigate zoonotic infectious agents in animal reservoirs, food and the environment” (tutors AFFABRIS-DI BARTOLO-VACCARI)

10:05 - 10:30 SECCHI VALERIA
“Smart biomaterials for tissue engineering: structural and biological properties” (tutor BATTOCCHIO)

Biochemistry, Cell Physiology and Pharmacology
Chairs: Prof. Acconcia, Prof. Ascenzi

10:30 - 10:55 BRANDI VALENTINA
“Study of the ordered and disordered domains of Huntingtin” (tutor POLTICELLI)

10:55 - 11:20 TORTOSA VALENTINA
“Structure-function relationships in members of the Major Facilitator Superfamily Transporters” (tutor POLTICELLI)

11:20 - 11:40 Coffee Break

11:40 - 12:05 DE SIMONE GIOVANNA
“Structural and functional properties of non-canonical heme-proteins” (tutor ASCENZI)

12:05 - 12:30 SAGGESE PASQUALE
“Role of non-coding RNAs in breast cancer and other tumors” (tutors ACCONCIA-WEISZ)

12:30 - 12:55 SELLITTO ASSUNTA
“piRNAs: emerging biomarkers for diagnosis and prognosis” (tutors ACCONCIA-WEISZ)

12:55 - 13:20 BUSONERO CLAUDIA
“Selective modulation of the estrogen receptor alpha levels and degradation in the breast cancer” (tutor ACCONCIA)

13:20 - 13:45 MELANCIA FRANCESCA
“Preclinical studies on novel pharmacological targets for autism spectrum disorders” (tutor TREZZA)

13:45 - 15:00 Lunch
XXXII PhD Programme STB (15 min presentation; 5 min discussion)

Cell Physiology, Immunology and Pharmacology Session
Chairs: Prof. Marino, Prof. Trezza
15:00 - 15:20 VIRDIA ILARIA
“Dissecting the contribution of p53-mitotic centrosomal localization in spindle pole integrity” (tutors AFFABRIS-SODDU)
15:20 - 15:40 DI SEGNI MICOL
“HIPK2 as a prognostic biomarker in colorectal cancer” (tutors AFFABRIS-SODDU)
15:40 - 16:00 GIONFRA FABIO
“Extra-nuclear effects of thyroid hormones and their analogues in different cell types” (tutor INCERPI)
16:00 - 16:20 SCHIAVI SARA
“Role of the endocannabinoid system in preclinical models of neurodevelopmental disorders” (tutor TREZZA)
16:20 - 16:40 Coffee Break

Microbiology and Biotechnology Session
Chairs: Prof. Affabris, Prof. Leoni
16:40 - 17:00 AIELLO ALESSANDRA
“The HIV-1 viral protein Nef and the Type I Interferon production in human macrophages and plasmacytoid dendritic cells” (tutor AFFABRIS)
17:00 - 17:20 BALDELLI VALERIO
“Development of high-throughput screening systems for the identification of anti-virulence compounds active against bacterial pathogens” (tutor RAMPIONI)
17:20 - 17:40 MURGIA LORENZA
“Development of a new medical device for the diagnosis and management of Urinary Tract Infections (UTIs)” (tutor ANTONINI)

December 5th, 2018

XXXIII PhD Programme STB (10 min presentation; 5 min discussion)

Microbiology and Biotechnology Session
Chairs: Prof. Imperi, Prof. Rampioni
9:00 - 9:15 PIROLO MATTIA
“Meticillin-resistant Staphylococcus aureus (MRSA) in intensive animal husbandry; public health implications” (tutor VISCA)
9:15 - 9:30 FORTUNA ALESSANDRA
“Studying the link between zinc starvation response and other global regulatory networks controlling Pseudomonas aeruginosa virulence” (tutor LEONI)
9:30 - 9:45 MELLINI MARTA
“Functional characterization of anti-virulence molecules targeting Pseudomonas aeruginosa quorum sensing” (tutor RAMPIONI)
9:45 - 10:00 GIANESSI FLAVIA
“Signaling and functions of extracellular vesicles transporting microbial molecules” (tutor AFFABRIS)
Biochemistry and Physiology Session
Chairs: Prof. Pallottini, Prof. Polticelli

10:00 - 10:15 MACARI GABRIELE
“Study of the structural bases of protein-ligand molecular recognition for the development of novel bioinformatics tools for drug design” (tutor POLTICELLI)

10:15 - 10:30 SOLAR FERNÁNDEZ VIRGINIA
“Dissecting the molecular mechanisms at the root of Neuroglobin survival effect in estrogen-related breast cancers” (tutor MARINO-FOICCHETTI)

10:30 - 10:45 MONTALESI EMILIANO
“Biomedical consequences of 17-β estradiol/neuroglobin pathway modulation by natural and synthetic molecules” (tutor MARINO)

10:45 - 11:00 TONINI CLAUDIA
“Effects of xenobiotics on Cholesterol metabolism” (tutor PALLOTTINI)

11:00 - 11:15 PECORARO GIOVANNI
“Molecular and functional characterization of the RNAs within the ribonucleoproteic complex Estrogen Receptor β (ERβ) – Argonaute 2 (AGO2)” (tutor MARINO-WEISZ)

11:15 - 11:35 Coffee Break

XXXIV PhD Programme STB (6 min presentation; 4 min discussion)

Chairs: Prof. di Masi, Prof. Gasperi

11:35 - 11:45 ALBANESI JACOPO
11:45 - 11:55 ARTUSO IRENE
11:55 - 12:05 BARTOLONI STEFANIA
12:05 - 12:15 COLLALTO DILETTA
12:15 - 12:25 D’ELIA ANNUNZIATA
12:25 - 12:35 PASQUADISCEGLIE ANDREA
12:35 - 12:45 PIMENTEL DE ARAUJO FERNANDA
12:45 - 12:55 SPINNATO MARIA CONCETTA
12:55 - 13:05 TESCARDI MARCO
13:05 - 13:15 VITA GIAN MARCO

13:15 - 13:30 Concluding remarks of the Director of the PhD Programme Prof. Paolo Visca

13:30 - 13:45 Awarding Ceremony

13:45 - 15:00 Lunch

15:00 - 16:30 Meeting of the “BIOMEDICAL SCIENCES AND TECHNOLOGIES” (STB) Scientific Board