

PhD Program in “Systems Biology in Immunity and Infectious Pathologies”

PhD Student Day

October 28, 2016

ROOM 8

Piazzale Gambuli, Building B, Floor -2

AGENDA

- 10.30 Welcome/Opening Remarks: **Prof. Vincenzo Nicola Talesa** (Director of the Department of Experimental Medicine) and **Prof. Ursula Grohmann** (Coordinator of the PhD Program)

1st Session

Chairs: Dr. Maria Teresa Pallotta and Dr. Giada Mondanelli

- 10.45 **Giulia Scalisi** (XXXI ciclo) – Supervisor: Prof. Francesca Fallarino
“Installing FVIII-specific tolerance in hemophilia A via the aryl hydrocarbon receptor (AhR) operated by tryptophan catabolites”
- 11.00 **Alberta Iacono** (XXIX ciclo) – Supervisor: Prof. Ursula Grohmann
“Characterization and role of IDO1 binding by PI3K”
- 11.15 **Elisa Albini** (XXIX ciclo) – Supervisor: Dr. Ciriana Orabona
“In vivo efficacy of different immunotherapeutic approaches in a diet-induced model of obesity”

2nd Session

Chairs: Dr. Alessia Cagnetti and Dr. Matthew Peirce

- 11.30 **Anastasia Accoti** (XXXI ciclo) – Supervisor: Prof. Roberta Spaccapelo
“Transgenesis and Paratransgenesis: alternative approaches for fighting Malaria”
- 11.45 **Chrysanthi Taxiarchi** (XXX ciclo) – Supervisor: Prof. Roberta Spaccapelo
*“Genome wide transcriptomic profiling of the distinct stages of spermatogenesis in the malaria vector *A. gambiae*”*
- 12.00 **Francesco Papa** (XXX ciclo) – Supervisor: Prof. Roberta Spaccapelo/Dr. Filippos Aris Papathanos
*“Rapid evolution of female-biased genes among four species of *Anopheles malaria* mosquitoes”*
- 12.15 **Paolo Scarpelli** (XXX ciclo) – Supervisor: Prof. Flaminia Catteruccia/Dr. Matthew Peirce
*“Pathways controlling egg-development in the malaria mosquito *Anopheles gambiae*”*
- 12.30 **Simona Ferracchiato** (XXX ciclo) – Supervisor: Prof. Flaminia Catteruccia/Dr. Matthew Peirce
*“Investigation of Ecdysone-dependent signaling pathways in adult female mosquitoes of *An. Gambiae*”*

12.45 – 13.45 **Lunch break (offered by the Department of Experimental Medicine) ***

3rd Session

Chairs: Dr. Teresa Zelante and Dr. Silvia Moretti

- 13.45 **Marilena Pariano** (XXXI ciclo) – Supervisor: Prof. Vincenzo Nicola Talesa
"The Glyoxalase System In Cystic Fibrosis"
- 14.00 **Giorgia Renga** (XXX ciclo) – Supervisor: Prof. Luigina Romani
"A Mast Cells/ILC2/Th9 pathway promotes lung inflammation in Cystic Fibrosis"
- 14.15 **Giuseppe Paolicelli** (XXX ciclo) – Supervisor: Prof. Luigina Romani
"Indigenous Bacterial Tryptophan Metabolite 3-IAld Regulates Host Serotonin Biosynthesis by Limiting Inflammation in the Central Nervous System"
- 14.30 **Monica Borghi** (XXIX ciclo) – Supervisor: Prof. Luigina Romani
"IL-22-dependent IL-18 activates host antifungal resistance"
- 14.45 **Melissa Ida Palmieri** (XXIX ciclo) – Supervisor: Prof. Luigina Romani
"Airway microbiota controls fungal infectivity in the lung"

4th Session

Chairs: Dr. Sara Chiappalupi and Dr. Leonardo Gatticchi

- 15.00 **Maya Petricciuolo** (XXXI ciclo) – Supervisor: Prof. Lanfranco Corazzi
"Functional alterations of enteric glial cells treated with Clostridium difficile Toxin B"
- 15.15 **Sabrina Utrio Lanfaloni** (XXXI ciclo) – Supervisor: Prof. Rosario Francesco Donato/Prof. Francesca Riuzzi
"Role of Rage and its ligands in 'in vitro' and 'in vivo' models mimicking cancer cachexia"
- 15.30 **Carmen Mecca** (XXX ciclo) – Supervisor: Dr. Cataldo Arcuri
"PI3K/Akt/mTOR pathway in Glioblastoma Multiforme: an in vitro study of TORKinib, a novel mTORC1/2 inhibitor"
- 15.45 **Laura Salvadori** (XXIX ciclo) – Supervisor: Prof. Guglielmo Sorci
"Mdx/Ager-/- mice reveal a role of RAGE in sustaining inflammatory and degenerative processes in dystrophic muscles"
- 16.00 **Collegio dei Docenti del Dottorato di ricerca in "Biologia dei Sistemi in patologie immunitarie e infettive"**

* Registration is required for participants excepting PhD students, their tutors and chairpersons.