



UNIVERSITÀ  
DI SIENA  
1240

# PhD DAY 2019

## PhD in Life Sciences

Department of Life Sciences

Polo Didattico S. Miniato

Class Room 13

12 September 2019

08.45  
09.00

**Welcome Reception**  
**Opening Cerimonies**

Greetings from the Magnificent Rector of the University of Siena Francesco Frati and opening of the works

09.15 – 10.15

**Oral Presentations (Third Year Students)**

**I Session:**

A morphofunctional study of Golgi apparatus in the human prostatic tumor cell line DU145

**PhD Student: Domenico Nolfi**

Valorising non-commercial Tuscan varieties of sweet cherry as functional foods: back to the wild

**PhD Student: Roberto Berni**

*Drosophila melanogaster*: a model system to study the mechanisms of procentriole assembly, centriole to basal body conversion and ciliogenesis

**PhD Student: Veronica Persico**

10.15 – 11.00

**Poster Session (Second Year Students)**

Coffee break during Poster Session

11.20 – 12.20

**Oral Presentations (Third Year Students)**

**II Session:**

Molecular tools applied to study the past and future evolutionary trajectory of Antarctic springtails

**PhD Student: Chiara Leo**

Evaluation of antioxidant and anti-inflammatory properties of Tuscany cherry extract with different nanosystems on human endothelial cells

**PhD Student: Denise Beconcini**

Females are not males: evolutionary strategies of the two sexes in chamois

**PhD Student: Antonella Cotza**

Immunogenicity evaluation of a novel plant-derived quadrivalent influenza vaccine through microneutralization and single radial haemolysis assays

**PhD Student: Edoardo Cherubini**

12.20 - 13.30

*«Mucosal and cell-driven recognition drug delivery by biofunctionalized nanomedicines»*

**Prof. Bruno Sarmento (University of Porto)**

13.30 – 14.30

Lunch Break

14.30 – 16.30

**Oral Presentations (Third Year Students)**

**III Session:**

Comparison between different serological assays for influenza virus

**PhD Student: Donata Martinuzzi**

Comparison of Reassortant virus-based, Triton-X100-treated virus-based, and Lentiviral Pseudotypes-based Enzyme-Linked Lectin Assay (ELLA) for measurement of Influenza Neuraminidase Inhibiting Antibodies

**PhD Student: Giulia Piccini**

p66Shc deficiency in a CLL mouse model enhances disease aggressiveness by altering the chemokine/chemokine receptor landscape

**PhD Student: Noemi Manganaro**

Imbalance of redox status in *Pseudomonas fluorescens* ATCC 13525 exposed to selected oxidizing agents and surfactants

**PhD Student: Osama Hussein Bekhet**

Astrocytes-T cells interactions in the pathogenesis of Experimental Autoimmune Encephalomyelitis (EAE) and multiple sclerosis.

**PhD Student: Domiziana De Tommaso**

In vitro profiling of human pre-existing immunity to *Staphylococcus aureus* and evaluation of its impact on the T cell response induced by vaccination.

**PhD Student: Bruna Clemente**