

FEM FIRS>T Ph.D. Award Ceremony 2017

Thursday the 11th of May 2017, 8.30am – 3.00pm Room 6302 PRC

MORNING

08:30 Opening remarks, Dr. Annapaola Rizzoli, CRI Director

08:45 Matteo Marcantonio*, *“Invasive mosquitoes, not just a buzz in your ears!”*.

09:00 Alexis Marchesini*, *“Relationships among the three levels of biodiversity – genes, species and ecosystems: an empirical study with alpine amphibians of from Trentino”*.

09:15 Giovanni Marini, *“The importance of climatic and ecological factors for vector-borne infections: Culex pipiens and West Nile virus”*.

09:30 Juan Sebastian Lopez Fernandez*, *“Molecular ecological interactions of bacterial endophytes with their host Vitis vinifera L”*.

09:45 Athanasios Koutsos *, *“Effects of apples on cardiovascular disease risk factors and gut microbiota”*.

10:00 Francesco Reyes*, *“Carbon Allocation of the Apple Tree: from Field Experiment to Computer Modeling”*.

10:15 Sajid Pareeth *, *“Warming trends of perialpine lakes from homogenised time series of historical satellite and in-situ data”*.

10:30 Coffee break

10:45 Camilla Capelli*, *“Toxin-producing cyanobacteria in the large lakes south of the Alps: detection of new producers and molecular identification methods”*

11:00 Valentina Cappelletti*, *“Epigenetic rewiring of cellular morphology and physiology associated with nutrient sensing”*.

11:15 Irene Criscuoli, *“Charcoal (biochar) impact on soil carbon stocks, productivity and nutrient cycles of alpine grasslands”*.

11:30 Alessandro Franzoi, *"Animal Ecology through stable isotope analyses"*.

11:45 Andrea Mancini, *"Microbiota modulation in human health and disease: focus on the gut:liver:brain axis"*.

12:00 Greetings and remarks
Prof. Andrea Segrè, President
Dr. Sergio Menapace, General Director
Dr. Annapaola Rizzoli

12:30 Light buffet lunch

AFTERNOON

13:30 Giulia Molinatto, *"Study of the genome of Bacillus amyloliquefaciens subsp. plantarum S499 and role of its plasmid (pS499) in rhizosphere interactions"*.

13.45 Rachele Nieri, *"Insect vibrational communication: description, decoding, and manipulation"*.

14.00 Selena Tomada, *"A genomic and trascriptomic approach to characterize a novel biocontrol bacterium Lysobacter capsici AZ78 "*.

14:10 Daniele Buonassisi, *"A comparative study of plant-pathogen interaction in different genotypes and organs of grapevine (Vitis spp.), based on optimized and new screening methods for resistance to downy mildew (Plasmopara viticola - Berk. & Curt.)"*.

14:20 Haile Mehari Zeraye, *"A molecular study of the Botrytis cinerea - Vitis vinifera interaction:from inflorescence to ripe berry"*.

14.30 Francesco Strati, *"The microbiota-gut-brain axis: characterization of the gut microbiota in neurological disorders"*.

14.40 Michele Poli, *" Genomic resources development and functional characterization of Arundo donax L. under stress conditions"*.

*videoconference