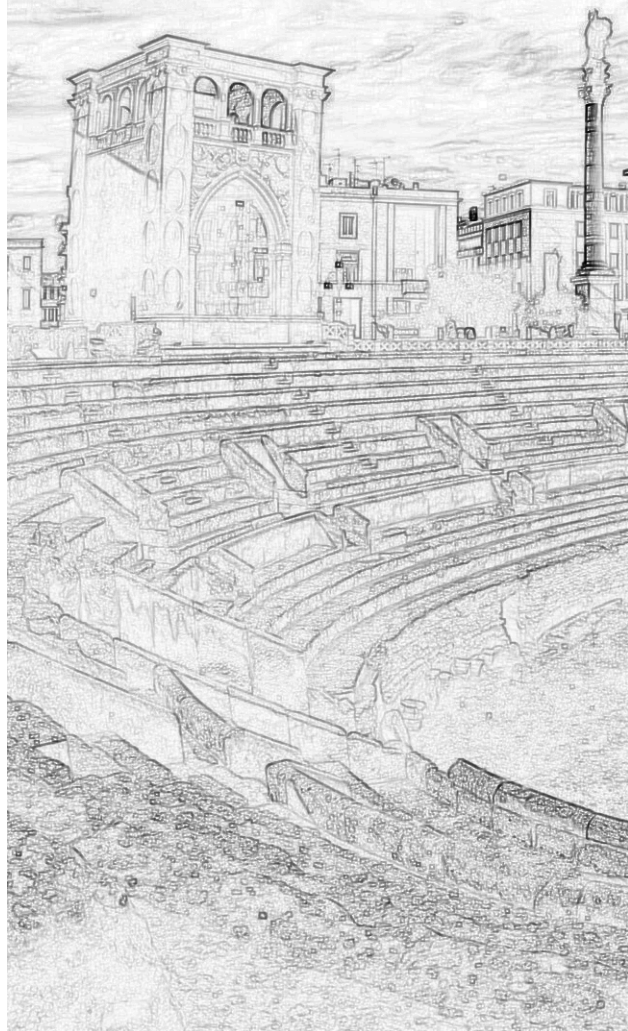




June 11th 2018

Rettorato, Sala Conferenze
Piazza Tancredi, 7 - Lecce



WORKSHOP ON

New frontiers in systems biology: technological, computational and biological aspects

Congress Venue

Rettorato, Sala Conferenze
Piazza Tancredi, 7 - 73100 Lecce

Official Language

The official language of the
Congress is English

Workshop organizer

Daniele Vergara

Organizing committee

Capobianco Loredana
Danieli Antonio
De Riccardis Lidia
Ferramosca Alessandra
Fournier Isabelle
Franck Julien
Giudetti Anna
Lunetti Paola
Maffia Michele
Ragusa Andrea
Salzet Michel
Verri Tiziano

Invited speakers

Andrea Ragusa
Damiana Pieragostino
Gianluca Storci
Isabelle Fournier
Julien Franck
Marco Trerotola
Massimiliano Bonafè
Michel Salzet
Pietro Roversi
Simona Bettini

Congress Information

daniele.vergara@unisalento.it

Certificate of attendance

Certificates of attendance will
be available upon request.
Participation will be limited to
a maximum of 90 registered
participants.

Program at Glance

MONDAY 11 JUNE

Conference hall of the Rectorate

08:30 – 9:00 Opening

SESSION I: SYSTEMS BIOLOGY - biological aspects

9:00 – 9:30 Shedding new light on Spinal Cord and Trauma Brain Injury
Michel Salzet

9:30 – 10:00 Exosome-based immunomodulation during aging: a nano-perspective on inflamm-aging
Massimiliano Bonafè

10:00 – 10:30 Inflamm-ageing and the RNA:DNA hybrid degrading enzyme RNaseH2 expression in people of different ages
Gianluca Storci

10:30 – 11:00 Proteomics characterization of sorted extracellular microvesicles from cerebrospinal fluid and tears of Multiple Sclerosis patients
Damiana Pieragostino

11:00 – 11:30 Trop-2 in cancer progression: from membrane signaling to exosome functions
Marco Trerotola

SESSION II: SYSTEMS BIOLOGY – technological and computational aspects

11:30 – 12:00 Spatially-resolved top down proteomics bridged to MALDI MS Imaging reveals evidence of a ghost proteome
Julien Franck

12:00 – 12:30 Amazing SPiderMass tracing the future of intra-operative surgery
Isabelle Fournier

12:30 – 13:00 A structural approach to the development of ERQC inhibitors with therapeutic potentials
Pietro Roversi

13:00 – 13:30 Multifaceted physical chemical approaches in sensing of targeted analytes
Simona Bettini

13:30 – 14:00 NMR-based metabolomics for the analysis of clinical samples
Andrea Ragusa

14:00 Closing of the Workshop