Quinta Edizione della Giornata Toscana di Bioinformatica e Systems Biology

9.00-9.30 Registrazione
9.30 - 9.45 Introduzione

Proteomics:
10.00-10.20 New approach to Molecular Dynamics using Monte Carlo Methods and Quaternions - CLAUDIA CAUDAI (CNR-ISTI)
10.20-10.40 Sitting, walking or running on DNA rails: a structural bioinformatics view of protein-DNA interaction - SIMONE GARDINI (UNISI)

Coffe break

Target Identification:
11.30-11.50 Identification of Inhibitors Binding Site of Ebola L-Polymerase Based on its Homology Model - SILVIA GALDERISI (UNISI)
11.50-12.10 Towards an integrated interactive database for the search of stratification biomarkers in Alkaptonuria - VITTORIA CICALONI (UNISI)
12.10-12.30 Constraint-based modeling identifies new putative targets to fight 1 colistin-resistant A. baumannii infections - LUANA PRESTA (UNIFI)

12.30-14.30 Lunch & Poster Session

Modelling:
14.30-14.50 Riboswitches: a new computational approach for prediction - MARCO BARSACCHI (UNIPI)
14.50-15.10 Environmental variables and the computer assisted design of minimal cells: some insights - SIMONE MOZZACHIODI (UNIPI)
15.10-15.30 Identification of Inhibitors Binding Site of Ebola L-Polymerase Based on its Homology Model - ALFONSO TREZZA (UNISI)

Coffe break

Genomics:
16.00-16.20 A new morphological approach for synthetic genomic samples generation - ROBERTO SEMERARO (UNIFI)
16.20-16.40 Enhancing copy number variants detection from whole-exome and target sequencing data using EXCAVATOR2 - ROMINA D'AURIZIO (CNR-IIT)

17:00 Tavola Rotonda "I percorsi formativi della bioinformatica in Toscana: presente e futuro"

Venerdì 28 Ottobre 2016, Sede di Confindustria Firenze - Via Valfonda 9, Firenze