



*Summer School on High-throughput
phenomics*

Florence, September 2-6, 2019



UNIVERSITÀ
DEGLI STUDI
FIRENZE

***Summer School on “High-Throughput Phenomics”, September 2-6,
2019, Florence, Italy***

We are pleased to announce that the 1st "Summer School on High-Throughput Phenomics" is scheduled to be held from Monday, September 2nd to Friday, September 6th, 2019. The main objective is training young researchers to develop and handle data analysis for phenomics characterization using Phenotype MicroArray technology (PM) of microbial cells, and learn how to characterize mitochondrial metabolism. Since PM projects requires rigorous statistical design and analysis, related data analysis will be evaluated and discussed in depth.

The Summer School will provide an opportunity for young scientists to deepen Phenotype MicroArray applications, discuss the most recent protocols and discover novel technological developments in the cell phenotyping field. Moreover, the Summer School facilitates the integration of Phenotype MicroArray data into systems biology for the study of microbial cell biology. Specific protocol will be applied on yeast to monitor the mitochondrial activity.

The course is open to twelve (12) young researchers (i.e. PhD students or postdocs). Eight spots will be reserved to members of SIMTREA or applicants sponsored by a SIMTREA member. Four (4) spots will be open to international young researchers.

Course registration, coffee breaks and accommodation costs for participants will be covered by the subscription to the SIMTREA society or by the grants sponsored Biolog Inc. The 12 participants will be accommodated at a University residence for students or a hotel in Florence (double room).

For all participants touristic tax, travel costs and meals are not included.

Successful applicants will be selected on the basis of their CV and research motivation statement by a dedicated SIMTREA committee.