

External seminar



# Biometra seminars

JUL 12, 2022 – 1:30 PM  
AULA C, LITA Segrate

MACHINE LEARNING FOR IN-SILICO DRUG  
DISCOVERY AND PRECISION MEDICINE

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Machine Learning (ML) is a field of computer science which is a blend of several disciplines including but not limited to statistics, data science and high performance computing. The aim of ML methods is to find regularities in the data and devise predictive models. It bears similarities with the classical physical approach, yet the highly non parametric nature of the modeling confers it a remarkable flexibility allowing to devise efficient automated learning methods. This seminar will introduce basic concepts of ML and discuss recent applications of ML techniques in the field of in-silico (simulative) drug discovery and in the emerging field of precision medicine. The seminar will also discuss the several criticalities that ML has to face to allow a systematic application of these methodologies in real-world scenarios, including ethical aspects.



Scan **this** or click **HERE** to join the seminar  
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