

Scientific Interest Group (SIG) Meeting

15 SW 202
11:30-13:00 CET

Machine Learning SIG Meeting

Moderated by



Philip
Gribbon

FRAUNHOFER ITMP

Chaired by



Frederik
Deroose

Asclepia
Outsourcing
Solutions

The **Machine Learning Scientific Interest Group** will focus on the practical application of **Artificial Intelligence (AI)** and **Machine Learning (ML)** methods in **antimicrobial drug discovery (ADD)**. Artificial intelligence concerns the study and development of machines that are capable of learning and problem-solving, thus natural intelligence. A "worked example" will be presented by Andrea Zaliani on the following topic: "ML analyses of in-vitro MC data sets from CoADD initiative".

- review the needs of the projects in the AMR Accelerator community with respect to **ML analyses**
- identify if and how existing public **ML resources** and associated **training data** may be able to cover the needs of the AMR Accelerator community
- identify requirements for additional data for **training ML models**, including competency, access and interoperability
- specify if and how additional ML analyses should be developed by the group

For additional information please contact
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