# AI³ Science Discovery Network+

## Artificial Intelligence & Augmented Intelligence for Automated Investigations for Scientific Discovery

# PREDICTING THE ACTIVITY OF DRUG CANDIDATES WHEN THERE IS NO TARGET

ROYAL SOCIETY OF CHEMISTRY | CHEMICAL INFORMATION AND COMPUTER APPLICATIONS GROUP

**WHAT**: A one-day meeting in London on the application of machine learning/artificial intelligence (ML/AI) approaches to drug discovery, specifically cases where the biological target is not clearly established - so-called *phenotypic* drug discovery.

**WHEN**: Friday Jan 31st 2020, 10am—4pm

**WHERE**: The Royal Society of Chemistry, Burlington House, Piccadilly, London, W1J 0BD

**WHY**: We will be conducting a post-mortem on a predictive modeling competition run by Open Source Malaria (OSM) to which speakers at the conference submitted solutions. We will be reviewing which approaches worked and which did not − i.e. **a real-world case study of AI/ML in drug discovery**.

**HOW MUCH**: Free, but registration is essential.

*Register*: https://www.eventbrite.co.uk/e/ai-and-ml-in-drug-discovery-predicting-bioactive-molecules-when-there-is-no-target-tickets-88690015223

*GitHub Repository*: https://github.com/OpenSourceMalaria/Series4_PredictiveModel

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