



Einladung zum Vortrag von

Claire O'Donovan

EMBL-EBI Cambridge, UK

***Metabolomics at EMBL-EBI: New and planned
developments***

The main activity of the metabolomics team is the MetaboLights database for metabolomics experiments and derived information. The database is cross-species, cross-technique and covers metabolite structures and their reference spectra as well as their biological roles, locations and concentrations, and experimental data from metabolic experiments. MetaboLights is the recommended metabolomics repository for a number of leading journals and Elixir. We have been redeveloping the MetaboLights database in order to improve the submission processes and functionality. We also have plans for our metabolite knowledgebase and a workspace for researchers to process their data and how to relate this data to other 'omics. I will outline these developments and plans and welcome insights from the audience on their needs and requirements.

Claire O'Donovan leads the Metabolomics team at EMBL-EBI and is particularly interested in how the scientific community can exploit the interoperability of genomics, transcriptomics, proteomics and metabolomics which are constantly evolving. Prior to stepping into this role in early 2017, Claire led the Protein Function Content team at EMBL-EBI for many years, providing essential resources to the biological community through the biocuration of UniProt, the Gene Ontology Annotation project (GOA) and the Enzyme Portal. Claire joined EMBL in 1993, and has been integral to the evolution of the biocuration field.

Mittwoch, 22. Mai 2019, 15:00 Uhr
Seminarraum 3 der Fakultät für Chemie
Boltzmannngasse 1, 1090 Wien

Benedikt Warth
Institut für Lebensmittelchemie und Toxikologie

Veronika Somoza
Vizedekanin

Bernhard Keppler
Dekan

Lothar Brecker
Vizedekan