The Role of Metabolomics in Medicinal Chemistry

Aims & Scope:

The aim of this issue is to highlight the potential role of metabolomics in medicinal chemistry with a special focus on the aspects related to precision medicine. The themed issue will features papers from the members of EXCEMET, the Expert Center for METabolomics. This newborn consortium combines the essential analytical and informatics/computational expertise in the field with the main objective to strengthen the relationships between the metabolomics community and biobanks.

Sub topics:

1. Individual metabolic phenotype and its derangement upon disease onset
2. Metabolomics of cancer
3. Metabolic profiling and insulin resistance
4. Biobanks and the impact of preanalytical procedures in metabolomics

Keywords: Metabolic profiling, disease signature, individual metabolic phenotype, cancer, diabetes, metabolomics databases, biobanks.

Submission timelines: June-July 2016