How are new medicines discovered?

- Are they invented by medical doctors, then just manufactured and distributed by the pharmaceutical industry?
- Are they designed by super computers and synthesized by robots?
- Is the New Molecular Entity the result of a single “brainy” individual or a big team effort?
- What is the role of the Pharmaceutical Chemist in the quest for new drugs?

These questions and myths will be addressed by three experienced scientists with a track record of success in drug discovery.

Starting with an introduction to the major approaches used for hit and lead finding, this lecture series will give you an overview of state-of-the-art structure-based design and screening technologies/approaches taking chemical space into consideration. Recent case studies of drugs already on the market will be used to illustrate the pros and cons of the various approaches.