



Trends in organic chemistry: How are drugs born?

29 September 2015
Gard-Aulan, Folkhälsomyndigheten
Nobels Väg 18, Solna

This Trends in organic chemistry symposium is a one-day meeting arranged by the Division for organic chemistry and SciLifeLab Drug Discovery & Development Platform.

Development of new drugs is an important research area and the outcome has a large impact on mankind. Currently pharmaceutical research is in a phase of significant change where large pharmaceutical companies tend to become fewer and larger. In addition, companies move and reorganize themselves frequently. In Sweden, Pharmacia has disappeared and AstraZeneca has radically reduced their research. Furthermore, most mid-sized companies that could support themselves have disappeared.

The purpose of this TOC symposium is to demonstrate that innovative research is vital and ongoing in academic groups and small companies both in Sweden and abroad. We will also discuss the conditions for drug research in today's society. We have invited organic chemists, who have played important roles in their projects' success and who have extensive experience from drug development in different disease areas, to share their knowledge with us. The speakers will tell us about their projects, past and present. They have been asked to speak not only about success, but about challenges and obstacles during their journey.

After the lectures there will be a panel discussion with the speakers.

08:30 - 09:00	Registration
09:00 - 09:10	Welcome
09:10 - 10:00	CPP-115 A novel GABA aminotransferase inactivator and potential treatment for multiple indications Richard B Silverman , Northwestern University, USA
10:00 - 10:40	Coffee break and exhibition
10:40 - 11:10	Discovery and development of simeprevir, an approved protease inhibitor from treatment of hepatitis Åsa Rosenquist , Medivir AB, Sweden
11:10 - 12:00	Challenges and opportunities for biopharmaceutical R&D Uli Hacksell , Glionova Therapeutics, Sweden
12:00 - 13:00	Lunch and exhibition
13:00 - 13:30	The fascinating chemistry of G-lactone Olov Sterner , Lund University, Sweden
13:30 - 14:00	Drug candidates born in academia: Galectin-3 antagonist attenuating fibrosis Ulf Nilsson , Galecto Biotech AB, Sweden
14:00 - 14:40	Coffee break and exhibition <i>Annual meeting: Division of organic chemistry</i>
14:40 - 15:30	The role of CXCR4 modulators in controlling HIV entry, stem cell mobilization and certain types of cancer Dennis Liotta , Emory University, USA
15:30 - 16:10	Discussion
16:10 - 16:20	Closing remarks
16:20 -	TOC-mingle with refreshments

Return bus to Uppsala departs Nobels väg 18, Solna, at 16:45.



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