

NBO-Workshop: Reinforcing the links between industry, research and biotechnology education

Day: Tuesday, 13.06.2017

Time: 9:00 to 12:00

Lunch: from 12:00 (individual)

Room: Balling Hall, National Technical Library

9:00 - 9:10 – Welcome and introduction to the NBO-workshop

Karin Kovar, Zurich University of Applied Sciences ZHAW, Wädenswil, CH

Mike Cook, Cook Business Consulting, Wädenswil, CH

09:10 - 09:30 – NBO-analysis: course alumni perspectives

Marcel Straumann & Iwo Zamora, Zurich University of Applied Sciences ZHAW, Wädenswil, CH

09:30 - 09:40 – Collaborating on the NBO-programme: an industry perspective

Diego Schmidhalter, Lonza AG, Visp, CH

09:40 - 10:00 – Discussion I: What is the future of university education?

10:00 - 10:30 – Changing perspectives: a biologist as entrepreneur and political consultant

Christine Lang, ORGANOBALANCE GmbH & German Bioeconomy Council, Berlin, DE

10:30 - 10:50 – Spinning-off from academia: visions versus reality based on the story of FGen

Andreas Meyer, FGen GmbH, Basel, CH

10:50 - 11:05 – Discussion II: What are the needs of society and industry?

11:05 - 11:30 – SynBiT: a novel biological engineering platform for producing chemicals by biosynthesis

Beat Christen and Matthias Christen, Experimental Systems Biology, ETH Zürich, CH Karin Kovar, Zurich University of Applied Sciences ZHAW, Wädenswil, CH

11:30 - 12:00 – Discussion III: How should we proceed?

(NBO-topics 2017/18 and future collaboration)

from 12:00 – end (individual lunch)

Target group: This workshop is open to everybody. In particular, students making decisions about their future careers and SMEs seeking collaboration with universities are encouraged to participate in the discussions.

Scope: The objective of this workshop is to facilitate a discussion on the future of university education in biotechnology and to stimulate the mutually beneficial links between research, education and industry (encompassing both global corporations and SMEs). The implications for current biotechnology students completing Master's or PhD programmes as well as future graduates will be explored. Scientists from universities and industry, students and lecturers, experienced European entrepreneurs, key opinion leaders and policymakers will discuss their personal experience of scouting out and developing new business opportunities in (microbial) biotechnology.

New Business Opportunity (NBO) Analysis represents an innovative, cross-disciplinary teaching/learning format that uniquely combines the development of entrepreneurial skills with in-depth subject-specific knowledge. Current stakeholders in the NBO-programme at the ZHAW in Wädenswil will share their vision and experience, paving the way for a discussion on future collaboration between academia and industry on biotechnology education.

Further information and registration on the NBO is available at: www.zhaw.ch/icbt/nbo