



Organisers:

Institute of Microbiology and Biotechnology, University of Latvia

FP7 ERA-net ERASysAPP project "Systems biology platform for the creation of lean-proteome Escherichia coli strains" (LEANPROT)

Latvian Biotechnology Association

Latvian Society of Microbiology

Latvia University of Agriculture

7-th June 2017

Academic Center for Natural Sciences of the University of Latvia,
room 401,

Jelgavas iela 1, LV 1004, Riga, Latvia

Technology transfer workshop "Lean-proteome towards improved biotechnological processes"

15:00 Registration and coffee

15:30 Introduction by the coordinator of the project LEANPROT

Raivo Vilu, director of Competence Center of Food and Fermentation Technologies, Tallinn, Estonia

15:40 Collaboration of academia and industry

Juris Vanags, Chairman of the Board of Latvian Biotechnology Association, member of Cleantech Latvia, Riga, Latvia

15:50 New biotechnological strain design approaches using modeling

Andrus Seiman, Competence Center of Food and Fermentation Technologies, Tallinn, Estonia
Agris Pentjuss, Latvia University of Agriculture, Jelgava, Latvia

16:10 Implementation of modeling based strain designs

Peter Neubauer, Technical University Berlin, Berlin, Germany
Agnieszka Gawin, Norwegian University of Science and Technology

16:30 Work in groups

- engineered strains related bottle-necks and hurdles in biotechnology
- process control related collaboration potential
- ways to improve industry-academia collaboration in biotechnology
- perspectives of *E.coli* strains in biotechnology

17:20 Group reports

