



FINNISH ACADEMY OF SCIENCE AND LETTERS 100 YEARS

Discipline of Agricultural and Forestry Sciences has the pleasure of hosting the seminar

Biotechnology: experiences and visions in agriculture, food processing, forestry and environment

Seminar is held 9th of January 2008 at University of Helsinki, Viikki Campus
Address: Latokartanonkaari 9, Lecture room B1

Seminar is free of charge and open to all. Presentations are given in English.

WELCOME

**Obligatory registration and more information:
viikki.helsinki.fi/acadscimm**



"Biotechnology: experiences and visions in agriculture, food processing, forestry and environment"

Programme

Chair Prof. Jari Valkonen

9:00 Opening

Prof. Aarne Kurppa, Chair of the Discipline of Agricultural and Forestry Sciences, Finland

9:15 Molecular regulation of flowering and growth cessation in Aspen trees - some practical applications.

Prof. Ove Nilsson, Umeå Plant Science Center, Sweden

9:55 The challenges from plant breeding to biotechnology

Prof. Teemu Teeri, University of Helsinki, Department of Applied Biology, Finland

10:25 Coffee

10:50 A new era in plant metabolism research a bright future for biofortification and human nutrition

Prof. Christine Foyer, School of Agriculture, University of Newcastle Upon Tyne, UK

11:30 Rhizoremediation - new approaches for a cleaner environment

Dos. Kristina Lindström, University of Helsinki (Department of Applied Chemistry and Microbiology), Finland

12:00 Lunch

Chair Dos. Johanna Vilkki

13:15 Livestock genomics: bridging the gap between mice and man

Prof. Dirk-Jan de Koning, Roslin Institute, Edinburgh, UK

13:55 Biotechnological applications in dairy processes and products

Prof. Knut J. Heller, Federal Research Centre for Nutrition and Food, Kiel, Germany

14:35 Coffee

15:00 RNA silencing: a mechanism for virus resistance and gene regulation

Prof. David Baulcombe, Sainsbury Laboratory, Norwich, UK

15:40 Vegetative propagation of forest trees and cloning techniques

Dr. Agric. For. Tuija Aronen, Forest Research Institute, Joensuu

16:10 Conclusions and closure of the seminar

Prof. Jari Valkonen, University of Helsinki, Dept. of Applied Biology, Finland