



**Meeting COST 853
Agricultural Biomarkers for Array-Technology**

**Working Group 3: Bioinformatics and
Information Dissemination**

September 18-19, 2006

Zurich, Switzerland

Meeting site:

University of Zurich, Irchel Campus; Building Y17 M05

AGENDA

Monday, September 18

13:30 Registration and Welcome

Gene Expression Microarray Data Analysis

14:00 – 14:30 Introduction U. Wagner

14:30 – 15:15 J. Jäger, MPI Berlin:

Selecting normalization genes for small diagnostic microarrays.

15:15 – 16:00 S. Barkow, FGCZ:

Clustering methods in gene expression analysis

16:00 – 16:30 Coffee Break

16:30 – 17:15 P. Zimmermann, ETHZ:

Geneinvestigator: A microarray database and tool box

17:15 – 18:00 Z. Trajanoski, TU Graz :

Can molecular mechanisms be revealed by gene expression profiling?

18:00 – 18:30 Discussion

Tuesday, September 19

Diagnostic Microarrays: Probe Design, Data Analysis and Data Management

9:00 – 09:30 Introduction J. Frey

09:30 – 10:15 P. Peyret, U Clermont-Ferrand :
New algorithms development for microarray probe design to identify microorganisms and characterize metabolic pathways

10:15 – 10:45 Coffee Break

10:45 – 11:30 H. Meier, TU München:
Phylogenetic Oligonucleotide Probe Design using ARB

11:30 – 12:15 C. Gautier, U Lyon
Interactive Microarray Data Management Systems.

12:15 – 13:00 H. Rehrauer, FGCZ:
Analysis of a Diagnostic Microarray- The Burkholderia Phylochip.

13:00 – 14:00 Lunch

14 :00 – 14:45 H. Meier, TU München:
Chipanalyser: Computational Analysis of Data from Microbial Diagnostic Microarrays.

14 :45 – 15:30 Seminar Session:
Dr. Marusa Pompe Novak:
Gene expression microarray data analysis in plant – pathogen interaction studies
Dr. Irina S. Druzhinina
An oligonucleotide barcode for species identification in *Trichoderma* the basis for DNA microarray development.

15:30 – 16:15 Coffee Break and Poster Session

16:15 – 17:00 N.N.

17:00 – 17:30 Discussion

17:30 Closing