



Tentative program

**COST meeting**

**14 – 16 September 2011, Gent, Belgium**

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**Wednesday, 14 September 2011 (FSVM building, VIB)**

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| 14.00 – 15.00 | Registration   |
| 15.00 – 15.30 | Ann Depicker (VIB, UGent): Welcome   |
| 15.30 – 16.00 | <b>Alain Goossens (VIB, UGent, Belgium) : Production of novel bioactive molecules by combinatorial biosynthesis in plant cells</b>   |
| 16.00 – 16.30 | <b>Wout Boerjan (VIB, UGent, Belgium) : Bio-energy from poplar</b>   |
| 16.30 – 17.30 | Guided tour in the Shell/Fiers/VanMontagu VIB building   |
| 17.30 – 18.00 | Bus trip to ILVO (Merelbeke)   |
| 18.00 – 19.00 | Marc De Loose (ILVO, Belgium) : Maize coexistence field trial<br>Bart Van Droogenbroeck (ILVO, Belgium) : Field trial with transgenic potatoes<br><i>Possibly extended with a visit to the trial, depending on the weather and crop status</i> |
| 19.30         | Reception and Welcome Diner in het “Kasteel van Zwijnaarde”  |

**Thursday, 15 September 2011 (Hotel Monasterium)**

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| 08.30 – 09.00        | Registration   |
| 09.00 – 09.15        | Introduction Ann Depicker and Kirsi Marja Oksman   |
| <b>09.15 – 10.00</b> | <b>Nico Callewaert (VIB, UGent, Belgium): Which glycans in which expression system for which therapeutic application?</b>                      |
| 10.00 – 10.15        | Herta Steinkellner (Vienna, Austria): Plant glycoengineering: an advantage over mammalian cell based systems?                                  |
| 10.15 – 10.30        | Alexandra Castilho (Vienna, Austria): In planta sialylation of recombinant proteins  |
| 10.30 – 10.45        | Bieke Nagels (UGent, Belgium):   |
| 10.45 – 11.15        | Coffee break (and poster viewing)  |
| <b>11.15 – 12.00</b> | <b>Peter Casteels (Ablynx, Belgium): Manufacture of Nanobodies: from Pipeline into the Clinic</b>  |
| 12.00 – 12.15        | Sylvie De Buck (VIB, UGent, Belgium): Production of VHH and VHH-Fc antibodies in Arabidopsis thaliana seeds                                    |
| 12.15 – 12.30        | Vikram Viridi (VIB, UGent, Belgium): Passive immunization of piglets against post weaning diarrhoea via anti-EPEC antibodies produced in seeds |
| 12.30 – 13.45        | Lunch  |
| 13.45 – 14.45        | Guided STSM poster tour  |

14.45 – 15.30	<b>Anni Van Broeckhoven (Crea Bio Support, Ghent, Belgium): GMP Processing and purification of recombinant proteins</b>
15.30 – 15.45	Geert Angenon (VUB, Belgium)
15.45 – 16.05	<b>Siva Reddi (New Delhi, India): Tobacco chloroplast transformation for over production of antibodies and cellulolytic enzymes</b>
16.05 – 16.30	Coffee break (and poster viewing)
16.30 – 16.45	Kristiina Makinen (Helsinki, Finland): Methods to enhance protein expression from Potato virus A gene vector in plants
16.45 – 17.00	George Lomonosoff (Norwich, UK): Production of virus-like particles for therapeutic applications
17.00 – 17.15	Anders Kvarnheden (Uppsala, Sweden): Begomovirus-associated DNA-satellites and their potential as expression vectors in plants
17.15 – 17.30	Catherine Navarre (UCLouvain, Belgium): Expression of different antibody isotypes in suspension cell cultures
17.30- 17.45	Henrik Brinch-Pedersen (Slagelse, Denmark): A cereal platform for the production of phytases
17.45- 18.00	Udo Conrad (Gatersleben): Production of very large spider silk proteins by posttranslational fusions <i>in vivo</i> .
18.30 – 20.00	Guided tour in Gent
20.00	Dinner

### **Friday, 16 September 2011 (Hotel Monasterium)**

<b>09.00 – 09.45</b>	<b>Jan Desomer (Bayer BioScience N.V., Belgium): From "green juice" to "galactosylated plantibodies": IP landscape of molecular farming</b>
09.45 – 10.00	Harry Thangaraj (United Kingdom):
10.00 – 10.15	Stefan Schillberg (Aachen, Germany): Recent progress of the EU FP7 CoMoFarm project
10.15 – 10.30	Dirk Bosch: Molecular farming database feedback and update on target products (WP3)
10.30 – 10.45	Julian Ma: Headlines from the plant produced vaccines and antibody meeting in Porto June 2011
10.45 – 11.15	Coffee break (and poster session)
<b>11.15 – 12.00</b>	<b>Marc Zabeau (Tech Transfer, UGent): Tech transfer from academics</b>
12.00 – 12.15	Stefan Schilberg and Einar Mantyla: update on plant production platforms and downstream processing
12.15 – 12.30	Paul Christou and Bart van Droogenbroeck: Update on the social economic position of molecular farming
12.30 – 13.00	Discussion – chaired by the WP leaders Concluding remarks: Julian Ma and Kirsi-Marja Oksman
13.00 – 14.00	Lunch
14.00 – 17.00	<b>Management committee meeting</b>