



## Plant genome modification and the regulatory framework for GM plants in Europe

*Training school supported by EU COST Action FP0905 “Biosafety of Forest Transgenic Trees: improving the scientific basis for safe tree development and implementation of EU policy directives”*

**Target audience:** Early stage researcher (ESR) at the PhD or postdoctoral level with research interest in plant genetics, genomics and the regulatory implications of applied plant genetics. Financial support is available for up to 15 students (see selection below) .

### Scientific Management Team (STM)

Kaare M. Nielsen, Detlef Bartsch, Boet Glandorf, Marja Ruohonen-Lehto, Jeremy Sweet.

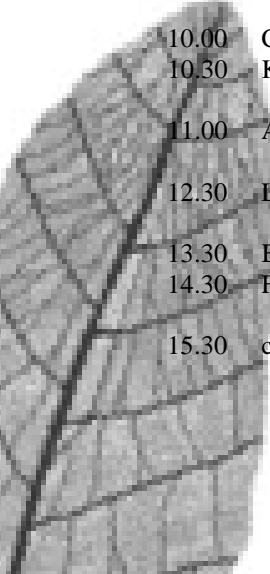
**Location:** University of Tromsø, Faculty of health Sciences, Pharmacy building, Breivika Campus, Tromsø, Norway (Tromsø/Tromsø airport).

**Topic:** New developments in plant breeding and the regulatory implications of applied plant genetics

### Monday April 29, Tabletten auditorium, Farmasibyget, UIT, Breivika

#### Session 1

*Chairman: Kaare Magne Nielsen*




10.00	Coffee and registration	
10.30	Kaare M. Nielsen	Welcome and introduction
11.00	A. Harfouche (tbc)	Tree breeding, genomics and transgenesis
12.30	Lunch	
13.30	Boet Glandorf	Introduction new plant breeding techniques
14.30	Fabien Nogué	New plant breeding techniques (focus on SDN)
15.30	coffee	

16.00	Huw Jones	New plant breeding techniques, Wheat
17.15	Presenters	Summary
18.00		Return to hotel / dinner

### Tuesday April 30, Tabletten auditorium

#### Session 2

*Chairman: Detlef Bartsch*



09.15	Marja R.-Lehto	Why regulate, international guidance (CPB, WHO, OECD etc).
10.15	tbc	EU guidance tools; review of applicable documents in the EU
11.15	coffee	
11.45	Jeremy Sweet	Environmental Risk assessment and management methods: (The EFSA Guidance) Including ‘Areas of concern’, ‘Four pillar approach’, Six steps within risk assessment’
13.15	Lunch	

#### Session 3

*Chairman: Jeremy Sweet*

14.15	Detlef Bartsch	Environmental Risk assessment cont. Areas of concern, six steps. Intro. practical exercise: Bt and Ht plants. (tiered approaches, analysis of contradicting data, etc.).
15.45	coffee	
16.15	Detlef Bartsch	Practical exercise cont. Final discussion: ‘Risk assessment’ and ‘Biosafety research’ - two sides of the same medal?
17.30		Summary
18.00		Return to hotel / dinner

## Wednesday May 1st, Tabletten auditorium

### Session 4

*Chairman: Fabien Nogue*

09.15 Boet Glandorf Field trials in the EU, case studies of field trials with GM trees in NL

11.00 coffee

11.30 Boet Glandorf - Post-market environmental monitoring (case-specific monitoring & general surveillance, examples, practical approach for GS)

13.00 Lunch

### Session 5

*Chairman: Marja Ruhonen-Lehto*

14.00 tbc Protection goals and measurement end points

15.00 Fern Wickson Uncertainty analysis (and management ? )

16.00 Coffee

16.30 Harfouche (tbc) Intellectual property rights

17.30 Kaare M. Nielsen Summary and evaluation of course

18.00 Return to hotel / dinner

### Application

To be filled in and submitted online with enclosures

1. Curriculum Vitae (download template)
2. A motivation letter (1 page) clearly explaining the benefit of attending the Training School.

### Submission

The application with enclosures must be submitted by this **link <http://www.cost-action-fp0905.eu/training-school>**

### Deadline

for application is 31/03/ 2013. Successful applicants will be advised before 10/04/2013 by e-mail.

### Selection

Sponsored participants is limited to 15 from the COST Countries participating at the COST Action FP0905 (see participation list at [http://www.cost.eu/domains\\_actions/fps/Actions/FP0905?parties](http://www.cost.eu/domains_actions/fps/Actions/FP0905?parties)) .

If more than 15 applications are received, the Scientific Management Team will rank them according to the following criteria:

- Early Stage Researchers (ESR), preferentially a PhD with less than 8 years of Post Doctoral experience or active PhD students.
- Gender balance
- Regional spread
- Benefit from/necessity of training

### Further information

EU Cost actions and FP0905 Biosafety of forest transgenic trees can be found at [www.cost.eu/domains\\_actions/fps/Actions/FP0905](http://www.cost.eu/domains_actions/fps/Actions/FP0905)

### Costs and Expenses

Expenses for infrastructure on site and materials for lessons are covered for all applicants by the University of Tromsø (local organiser).

Participants will be reimbursed from COST Action FP0905. Maximum granted amount is 800€ per attendee covering travel and subsistence. The reimbursement will be made directly to each applicant from the Grant Holder of the COST Action FP0905 within 1 month after the end of the Training School.