

Evoltree Meeting

Re-sequencing in *Populus*

Organised by Gail Taylor and Michele Morgante

Nazionale dei Lincei, Palazzo Corsini - Via della Lungara, 10 - 00165
ROMA

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ROME, 15-16 March 2009

REGISTRATION before 9 March 2009

Contact persons: Gail Taylor, University of Southampton g.taylor@soton.ac.uk

Objective of the workshop/training course

The main objective of this meeting is to bring together those working on *Populus nigra* from three con-current projects – EVOLTEE, ENERGYPOPLAR and NOVELTREE and to agree a strategy for re-sequencing in *Populus* during WP3 and WP4 within EVOLTREE. Our focus will be on which genotypes should be sequenced? What technologies should we use? Do we need to use Illumina golden gate genotyping technologies? Which services will be used for this work? What is the timescale? Can we benefit from experience in the USA?

Date: We meet on evening of 15 March in Rome, for supper and discussion and then spend Monday 16th March 2009 with presentations and discussion.

Teachers/Lecturers: Name (Organization)

10:30 - Introduction Gail Taylor

10:45 - Overview of energypoplar and re-sequencing - **Michele Morgante**

11:10 - Overview of NOVELTREE - poplar re-sequencing - **Veronique Jorge**

11:35 - Overview of EVOLTREE – poplar re-sequencing - **Jenn DeWoody**

12:00 - CNG – Technologies and approaches available

12:20 - Experiences with grape – IGA

12:40 - Current national poplar re-sequencing in France - **Patricia Faivre-Rampant**

13:00 - 14:00 LUNCH

14:00 - 14:30 **Invited external speaker Jerry Tuskan (Oak Ridge and JGI)**

Experiences of re-sequencing in *Populus trichocarpa*

14:30 DISCUSSION

Available Pre-meeting

1. Circulation of document of *P. nigra* genotypes considered appropriate in three projects – **Veronique Jorge**
2. Circulation of document on 'genome hotspots' for budset (VJ), Rust (VJ), Biomass (GT), Saccharification/wood quality (GT), WUE (MV).

Discuss: **Leader Michele Morgante**

Technologies

Approaches

Plant material

Costs

Service provision

Timescale

16:30 Final wrap up and action points identified from the meeting: **Gail Taylor**

Location:

Rome, Italy, see above

Credit for students:

NA this course isn't suitable for credits

Outline of the course:

A one-day workshop to determine future strategy for re-sequencing in *Populus*

Housing:

One suggestion: Donna Camilla Savelli Hotel (Via Garibaldi 27 - 00153 Roma - Tel +39.06.588861 - Fax +39.06.5882101 - directly next to the Academy)

There are many other hotels in the area as this one is quite expensive. We suggest that if accommodation is required, that you make your own arrangements.