

2st *Tuber* Genome Consortium Workshop

Génoscope – Evry & INRA - Nancy, May 21-22-23, 2008

Wednesday, May 21 (Génoscope – Evry)

9:30 – Welcome address

P Wincker (Génoscope) & F Martin (INRA-Nancy)

9:40 – Biology and ecology of *Tuber* species

C Murat (University of Torino)

10:00 – *Tuber* Genome sequencing, assembly and annotation at the CNS Génoscope

(Génoscope-Evry)

10:35 – *Coffee Break*

11:00 – The genome annotation pipeline and databases for the ascomycete *Botrytis cinerea*

MH Lebrun (UMR INRA AgroParisTech BIOGER-CPP)

11:20 - Analysis of repetitive DNA distribution patterns in the *Tuber melanosporum* genome

S Ghignone (University of Torino)

11:40 – Simple sequence repeats in *Tuber melanosporum* genome

C Murat (University of Torino) & A Rubini (University of Perugia)

12:00 –Multigene families in *Tuber melanosporum* genome

B Hilselberger (INRA-Nancy)

12:20 – *Lunch*

13:30 – The transcriptome of *Tuber melanosporum*: EST sequencing, annotation & database

E Morin (INRA-Nancy)

14:00 – High density oligonucleotide microarray and 454 pyrosequencing of *Tuber*

A Kohler (INRA-Nancy)

14:15 – Sex & vegetative compatibility genes in *Tuber melanosporum* genome

A Rubini (CNR-Perugia) & M Iotti (University of Bologna)

14:35: Carbohydrate-active enzymes in *Tuber melanosporum* genome

P Coutinho (University of Marseilles)

15:00 - *Coffe Break*

15:30 – Wrap-up session & Open discussion by members of the *Tuber* Genome Consortium:

Other follow-up programs (proteomics, metabolomics, genome-based phylogeography and comparative analysis with other truffles) and potential grant applications. **Plan for future meetings**

16:30 - End of the meeting

Thursday, May 22 (INRA-Nancy) – Annotation Jamboree

9:00 – The Génoscope Tuber portal: step by step tutorial and description of tools

B Porcel-Setterblad (Génoscope-Evry)
Practicals

10:00 – The INRA TuberDB portal: : step by step tutorial and description of tools

B Hilselberger (INRA-Nancy)

10:30 - *Coffe break*

11:00 - Manual curation: The Artemis Genome Annotation Curation Tool, first steps in expert annotation curation and gene model validation

E Morin, A Kohler, S Duplessis (INRA-Nancy)
Practicals

12:30 - *Lunch*

13:30: Secondary metabolism in Ascomycetes

J Collemare (UMR INRA AgroParisTech BIOGER-CPP)

14:00 – 16:00 - Manual curation by the different annotation groups (Practicals)

16:00 - *Coffe break*

16:30 – 18:30 - Manual curation by the different annotation groups (Practicals)

19:00 – *Get together and buffet at INRA.*

21:00 – *Back to Nancy*

Friday, May 23 (INRA-Nancy) – Annotation Jamboree

9:00 – Data presentation by the differents annotators

10:45 - *Coffe Break*

11:15 – The [Apollo Genome Annotation Curation Tool](#)

J Anselem (URGI-Evry)

12:00 – End of the meeting