



**Agenda of the
1st transPLANT user training workshop
from 12-13 November 2012
in Versailles/France**



Nov 12th – Day1 (Monday)

10:30 Welcome, computer setup and introduction of workshop objectives and agenda (Hadi Quesneville, Manuel Spannagl)

11:00 Introduction: about the transPLANT project (Paul Kersey)

11:30 Introduction to the public transPLANT web hub at EBI (Dan Bolser, Paul Kersey) including a short introduction on search engines developed in transPLANT (IPK Gatersleben: Uwe Scholz, Jinbo Chen)

<http://transplantdb.eu/>

12:15 Introduction into triticeae (data) analysis concepts and generation (Klaus Mayer)

13:00 Lunch

14:00 Introduction into triticeae (data) analysis concepts and generation (Klaus Mayer), **evtl. Follow-up/questions**

14:30 Triticeae data@ENSEMBLplants: introduction+data access (Dan Bolser, Paul Kersey)

<http://plants.ensembl.org/>

15:30 Coffee break

17:00 Triticeae data@MIPS (Manuel Spannagl, Klaus Mayer):

Concept of and interactive data access to the barley and wheat genome zippers

The barley genome: integration of physical and genetic map, data access and use cases

UK wheat 5x WGS+analysis results: concepts to use this new data resource

Comparative genomics – from models to crops: exploring synteny, visualization tools (CrowsNest)

<http://mips.helmholtz-muenchen.de/plant/triticeae/index.jsp>

18:00 Close of day 1

Nov 13th – Day2 (Tuesday)

09:30 GnpIS tool training session

Quicksearch tool, Advanced search tool (Biomart) and links between Biomart and Galaxy tool

Main focus on Wheat data@URGI Versailles (Delphine Steinbach, Aminah-Olivia Keliet, Nacer Mohellibi, Michael Alaux): introduction, data access, tools, use cases to define : (search by marker, by gene, qtl, snp), graphical viewers: all data centered on genome browser, links to genetic map viewers.. <http://urgi.versailles.inra.fr/gnpis>

In between this session: **Coffee break**

13:00 Lunch

14:00 Annotating triticeae sequences: the triANNOT pipeline (Phillipe Leroy – external speaker-, INRA Clermont-Ferrand): introduction, use cases

<http://clermont.inra.fr/triannot>

15:30 Coffee break

16:00 Wrap-up, time for questions and discussion (also after and during the individual sessions)

17:00 End of workshop

Required user skills: none

Required user hardware/software: PC or laptop with any operating system and web browser...best option is you bring your own laptop with WLAN internet access but we may also provide local workstations if required (please indicate if required!).

Please contact Manuel Spannagl in case of any questions regarding this workshop.

On behalf of the transPLANT consortium we are looking forward to welcome you in Versailles,

Manuel Spannagl&Klaus Mayer
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Institutions teaching in workshop:
INRA URGI Versailles
INRA Clermont
EMBL-EBI
IPK Gatersleben
MIPS – Helmholtz Center Munich

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