

# **Workshop on data analysis with statistical, pathway-based and integrative approaches (WP7)**

**Time:** January 19-20<sup>th</sup>, 2009

**Where:** Max-Planck-Institute for Molecular Genetics, Berlin, Germany

**Organisation:** Atanas Kamburov (kamburov@molgen.mpg.de) and Ralf Herwig (herwig@molgen.mpg.de)

**Registration:** please fill in the registration form at <http://www.molgen.mpg.de/~kamburov/WSregistrationForm.doc> and send it to kamburov@molgen.mpg.de by January 4th, 2008.

The workshop is divided in three parts:

1. Primary data analysis and statistical approaches for marker identification;
2. Identification of functional network modules, pathway integration tools;
3. Integrative data analysis approaches;

Some of the important topics included are primary analysis of microarray, MS and protein interaction data, integration of interaction and reaction data, reverse engineering of gene regulatory networks, and meta-analysis approaches for biomarker identification.

Participants will be introduced into relevant software applications including e.g. R/Bioconductor for primary statistical data analysis and ConsensusPathDB for network-based analysis. These applications will be used by the participants in according practical sessions.

The workshop agenda will be announced shortly.