

Symposium: Bioinformatics for Metabolomics and Fluxomics

March 11, 2011, 9.00h-11.45h, VU University Amsterdam, room HG-07A02.

Program

9.00-9.30h: Predicting metabolic functions of Creatine Kinase: a multiscale "sloppy" modeling approach.

Hannes Hetling, M.Sc., Ph.D. student Bioinformatics, Centre for Integrative Bioinformatics, VU University Amsterdam.

9.30-10.00h: Metabolomics studies for identification of drug induced side effects in rheumatoid arthritis

Wynand Alkema, Dr., Head of Bioinformatics EU, Merck Sharpe & Dohme.

10.00-10.30h: Burning fat - understanding the role of PPAR-delta in regulating systemic metabolism.

Jules Griffin, Dr., Senior Lecturer in Biochemistry, University of Cambridge.

10.30-10.45h: Coffee break

10.45-11.15h: TBA

Thomas Hankemeier, Prof. Dr., Professor of Analytical Bioscience, University of Leiden, Scientific Director Netherlands Metabolomics Centre.

11.15-11.45h: Isotopic analysis of cellular glutamine metabolism: linking fluxes and enzymatic reactions.

Joanne Kelleher, Prof. Dr., Emeritus Professor of Physiology, George Washington University School of Medicine and Health Sciences. Research Scientist / Lecturer, Department of Chemical Engineering, Massachusetts Institute of Technology. Associate Physiologist, Massachusetts General Hospital.