

8th Meeting
German / Russian Virtual Network
on Computational Systems Biology
Datamining and metabolic network reconstruction
5th and 6th November 2007

Meeting at ttz Bremerhaven November 5th 2007



13:00 **Welcome / Lunch**

14:00 Prof. Dr. Ralf Hofestädt (University of Bielefeld)
The German/Russian Network on Computational System Biology



14:15 Werner Mlodzianowski (ttz Bremerhaven; Executive Director)
Introduction of ttz Bremerhaven



14:30 Prof. Dr. Carsten Harms (ttz Bremerhaven)
Molecular Diagnostics- Identification of Food Pathogens



14:50 Dr. Uta Bohnebeck (ttz Bremerhaven)
Bioinformatics at ttz: Introduction of the EU project "MetaFunctions"

15:10 ***Visit of the pilot plant, sensors lab, pilot plant at the European Institute of Baking Technology***



16:10 Prof. Dr. Falk Schreiber (IPK Gatersleben)
Bioinformatics at the IPK Gatersleben



16:30 Prof. Dr. Nikolay A. Kolchanov; Institute of Cytology and Genetics, Siberian Division of the Russian Academy of Sciences
Introduction of the biotechnology-scene in Novosibirsk, involved companies and potential cooperation fields



17:15 **Final discussion**



18:15 **End/Departure**



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COMPUTATIONAL SYSTEMS BIOLOGY



german/russian virtual network of bioinformatics



INSTITUTE OF CYTOLOGY AND GENETICS
The Siberian Division of the Russian Academy of Sciences

Meeting at Bielefeld University November 6th 2007

Room D5-113



10:00 Opening



10:05 Dr. Vladimir Ivanisenko (Institute of Cytology and Genetics, RAS; Novosibirsk)
Protein Structure Discovery: a software tools for Facilitating search of targets for drugs, drug design and evaluation of molecular toxicity



10:30 Phd. E. Aman (Institute of Cytology and Genetics, RAS; Novosibirsk)
Associative Network Discovery: Computer System for the Automated Reconstruction of Molecular Interaction Networks

Die Landesregierung
Nordrhein-Westfalen



11:00 Phd. P. Demenkov (Institute of Cytology and Genetics, RAS, Novosibirsk)
Prediction in changes of protein thermodynamic stability upon Single mutations

Coffe Break



11:30 Phd. S. Hariharaputran (University of Bielefeld)
Bio-silico Systems

12:00 Dr. I. Lavrik (DKFZ Heidelberg)
Life/death decisions on CD95 (Fas/APO-1) by systems biology approach



Lunch



14:00 Phd. C. Klukas (IPK Gatersleben)
Analysis and visualization of high-throughput data in the context of relevant networks

14:30 Phd. V. Egelhofer (Braunschweig)
Title N.N.



15:00 *AndVisio Tool Presentation*



Coffe Break

16:30 Final discussion

19:30 Social Event



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