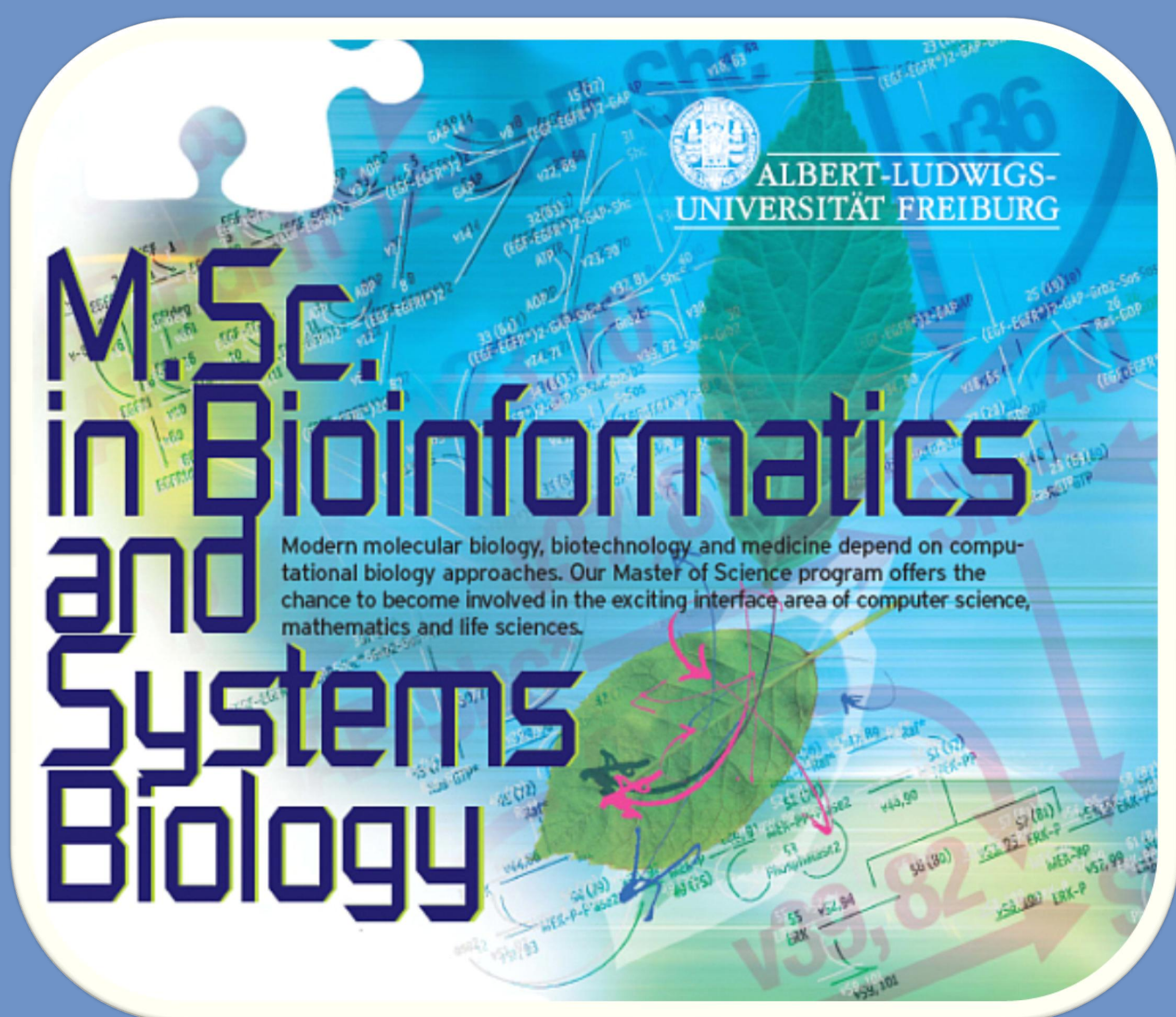
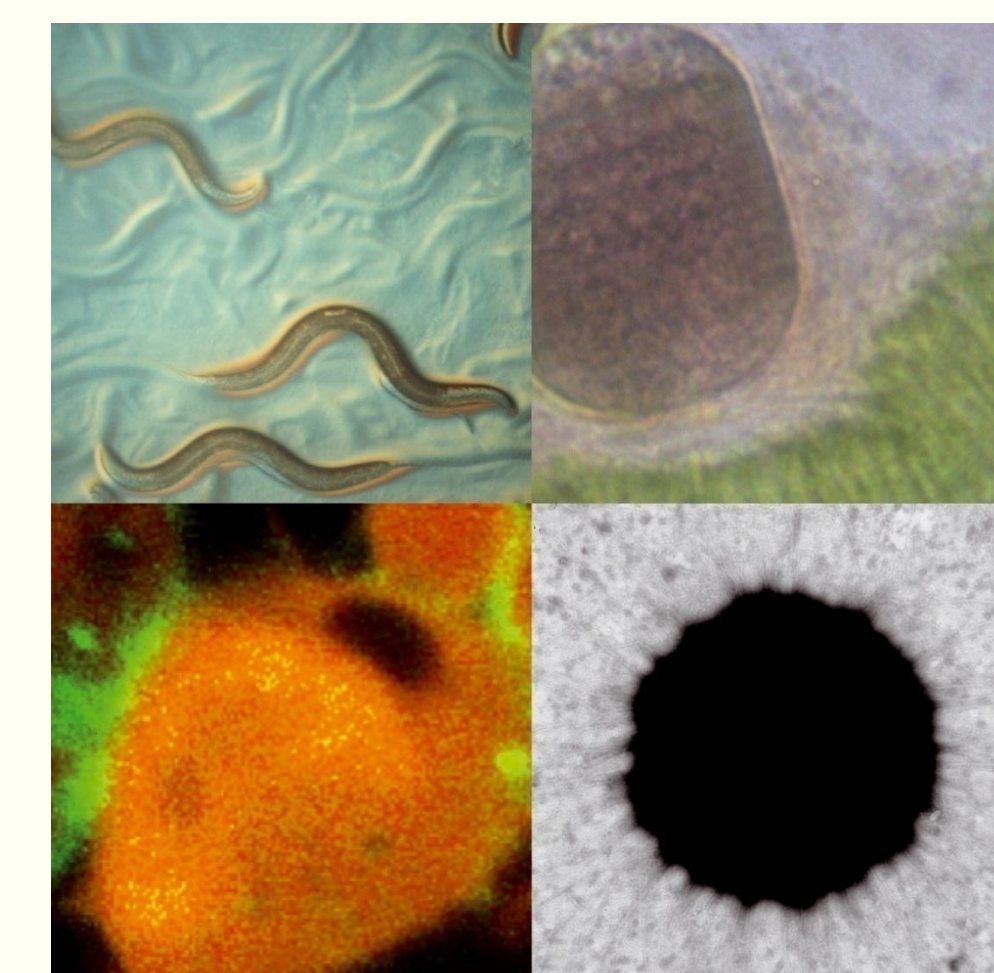


frisys

Lecture „Introduction to Systems Biology“
 M.Sc. in Bioinformatics and Systems Biology
Guests are cordially invited.....



Winter term 2009/2010

Monday & Thursday

09:00 c.t.

Lecture Hall
 Institute of Biology I

Hauptstr. 1

79104 Freiburg

2009		
Oct – 29	Prof. Jens Timmer	Modelling of the JAK/STAT Signaling Pathway
Nov – 02	PD Dr. Stefan Rensing	Transcriptomics, Genomics, Phylogenomics for Systems Biology
Nov – 05	Prof. Wolfgang Hess	Systems Biology of RNA: Basics and Regulation
Nov – 09	Prof. Rolf Backofen	Systems Biology of RNA: Modelling and Computation
Nov – 12	Dr. Christian Fleck	Pattern Formation in Biology I
Nov – 16	Dr. Christian Fleck	Pattern Formation in Biology II
Nov – 23	PD Dr. Arnd Brandenburg	Systems Toxicology
Nov – 26	Dr. Tilman Brummer	Signal Transduction Networks and Cancer Biology
Nov – 30	Prof. Ralf Reski	Moss Systems Biology for Translational Research
Dec – 03	Dr. Jörn Dengjel	Quantitative Mass Spectrometry-based Proteomics
Dec – 07	PD Dr. Dirk Lebiedz	Optimal Control in Biomedicine I
Dec – 10	PD Dr. Dirk Lebiedz	Optimal Control in Biomedicine II
Dec – 14	Prof. Wolfgang Driever	Analysis of Transcriptional Networks Controlling Growth and Differentiation in Animals
Dec – 17	PD Dr. Wolfgang Schamel	Signal Transduction Networks in Immunology
2010		
Jan – 11	Prof. Peter Pfaffelhuber	Chemical Reaction Network Theory
Jan – 14	Prof. Wilfried Weber	Synthetic Biology: Basics, Design Principles, Modelling of Gene Networks
Jan – 18	Dr. Hauke Busch	Self-organisation, Emergence and Attractors in Complex Cellular Networks
Jan – 21	Dr. Hauke Busch	Modeling Dynamic Gene Regulatory Networks
Jan – 25	Dr. Enrico Schmidt	Systems Biology of <i>C. elegans</i>
Jan – 29	Dr. Daniel Lang	Tools for Large-scale Computational and Systems Biology
Feb – 01	Prof. Stefan Rotter	Structure and Dynamics of Neuronal Networks in the Brain
Feb – 04	Prof. Anke Becker	Autosignalling in Bacteria
Feb – 08	Prof. Jens Timmer	Robustness of Bacterial Chemotaxis

