

Program of the 22th TBI Winterseminar in Bled 2007

Mo	1	Hackermüller, Jörg	Transcriptom projects, ENCODE, Affymetrix small RNA Maps, an Introduction.
	1	Washietl, Stefan	Lessons from the ENCODE Pilot Project.
	1	Gruber, Andreas	RNAz for the Masses: The RNAz Web Server.
	2	Steigele, Stephan	Evolving (New) Functionality.
	2	Findeiß, Sven	A Trip to the Desert: <i>Drosophila melanogaster</i> & Co.
	2	Rose, Dominic	Computational RN(Az)omics of <i>Drosophilides</i> .
	2	Hiller, Michael	Influence of mRNA Secondary Structure on Splicing.
	2	Keller, Stephanie	Discovery of Splicing Regulatory Elements.
Di	1	Stadler, Peter	Why should Biologists be interested in Product Graphs?
	1	Imrich, Wilfried	Approximate Graph Products.
	1	Klöckl, Werner	Local Algorithm for Strong Graph Products.
	1	Leydold, Josef	Largest Eigenvalues of Graphs with given Degree Sequence.
	1	Hellmuth, Marc	Constrained RNA Folding - New Results.
	2	Kretzschmar, Antje	Transcriptional Control of non-coding RNA genes by <i>Stat3</i> emerges as a major Contribution to its Oncogenicity.
	2	Ullmann, Kerstin	Establishment of a Method for RNA-RNA interaction and miRNA Target Gene Detection.
	2	Schultz, Christine	Functional analysis of non-coding RNAs in Tumor Cell Lines.
	2	Donath, Alexander	<i>In Silico</i> Evolution of Attenuated Parasites in Catalytic Regulatory Networks.
	2	Liu, Yuanning	Research Introduction and Ideas of a Cooperation between Austria and China.
Mi	1	Gorodkin, Jan	Analysis of Porcine Transcriptome from 1 Million EST sequences.
	1	Seemann, Stefan	Detection of non-coding RNAs in pig EST data
			Combined probabilistic evolutionary and thermodynamic model to predict conserved RNA secondary structures.
	1	Havgaard, Jakob	Structural Alignment of RNA with the FOLDALIGN algorithm.
	1	Reiche, Kristin	RNAstrand: Reading direction of structured RNAs in Multiple Sequence Alignments.
	1	Stephan, Bernhart	RNAalifold: Bits and Pieces.
	1	Mann, Martin	The Energy Landscape Library – A Platform for Generic Algorithms.
	2	Obernosterer, Gregor	Regulation of Neuronal Plasticity by microRNAs.
	2	Santana, Clara	Evolution of microRNAs: A comprehensive Study to trace the microRNA ancient Origin.
	2	Heine, Christian	Ideas for visualizing RNA Secondary Structure with Pseudoknots.
	2	Hakim Tafer	RNAplex : seed search with suffix trees, does the effort really payback?
	2	Brücker, Jan	Predicting Transcription Factor Binding Sites using Statistical Potentials
Do		11:00-18:00	Bioinformatics Afternoon in Ljubljana
	A	Hertel, Jana	Computational Identification of snoRNAs with unknown Targets
	B	Wolfinger, Michael	Wang-Landau Sampling for discrete Biopolymer Models
	2	Dittrich, Peter	On the Evolution of Chemical Reaction Networks
	2	Merkle, Daniel	Solving the Perfect Reversal Median Problem with PQ-trees
Fr	1	Anke Busch	INFO-RNA – A Fast Approach to Inverse RNA Folding
	1	Axel Krinner	Modelling Cell Motion
	1	Machne, Rainer	Evolution of the Bifurkation Phenotyp
	1	Geis, Michael	Kinwalker – Kinetic Backtracking of RNA folding
	2	Tanja Gesell	Simplicity versus Complexity: Examples of Evolution Models and Structure
	2	Stadler, Bärbel	The Vertebrate YRNA Cluster
	2	Yusufujiangaili, Dilimulati	In search of the RNaseP RNA gene in <i>A. Aeolicus</i>
	2	Riester, Markus	A survey of Natural Antisense Transcripts in the bacteria and archaea kingdoms