Universitätsmedizin Göttingen
Publikationen und Hochschulschriften 2013
Bioinformatik

Journalbeiträge

1. Bhar A, Haubrock M, Mukhopadhyay A, Maulik U, Bandyopadhyay S, Wingender E (2013) Coexpression and coregulation analysis of time-series gene expression data in estrogen-induced breast cancer cell. ALGORITHM MOL BIOL, 8(1): 9.
2. Deyneko IV, Kel AE, Kel-Margoulis OV, Deineko EV, Wingender E, Weiss S (2013) MatrixCatch--a novel tool for the recognition of composite regulatory elements in promoters. BMC BIOINFORMATICS, 14: 241.
3. Dönitz J, Grossmann D, Schild I, Schmitt-Engel C, Bradler S, Prpic NM, Bucher G (2013) TrOn: an anatomical ontology for the beetle Tribolium castaneum. PLOS ONE, 8(7): e70695.
4. Fuchs M, Beißbarth T, Wingender E, Jung K (2013) Connecting high-dimensional mRNA and miRNA expression data for binary medical classification problems. COMPUT METH PROG BIO, 111(3): 592-601.
5. Stegmaier P, Kel A, Wingender E, Borlak J (2013) A discriminative approach for unsupervised clustering of DNA sequence motifs. PLOS COMPUT BIOL, 9(3): e1002958.
6. Wingender E (2013) Criteria for an updated classification of human transcription factor DNA-binding domains. J BIOINF COMPUT BIOL, 11(1): 1340007.
7. Wingender E, Schoeps T, Dönitz J (2013) TFClass: an expandable hierarchical classification of human transcription factors. NUCLEIC ACIDS RES, 41(Database issue): D165-70.

Buchbeiträge

1. Bhar A, Haubrock M, Mukophadhyay A, Maulik U, Bandyopadhyay S, Wingender E (2013) delta-TRIMAX: Extracting Triclusters and Analysing Coregulation in Time Series Gene Expression Data. In: Ben Raphael (Hg.) Algorithms in Bioinformatics. Springer, 165-177.
2. Eggeling R, Gohr ABPY, Wingender E, Grosse I (2013) Inhomogeneous Parsimonious Markov Models. In: Hendrik Blockeel (Hg.) Machine Learning and Knowledge Discovery in Databases. Springer, 321-336.

Naturwiss. u.a. nichtmed. Diss.

1. Zeidler S, Dr. rer. nat. (2013) Detektion und Ánalyse synergetischer Einflüsse multipler Stimuli auf zelluläre Signaltransduktionsnetzwerke. Dissertation Universität Göttingen.

Masterarbeiten

1. Wlochowitz D, MSc (2013) Characterization of cis-regulatory modules based on the colocalization of transcription factor binding sites. Masterarbeit Universität Göttingen.