

**Abteilung "Bioinformatik"**

**Journalbeiträge**

1. Dönitz J, Goemann B, Lizé M, Michael H, Sasse N, Wingender E, Potapov AP (2008) EndoNet: an information resource about regulatory networks of cell-to-cell communication. *NUCLEIC ACIDS RES*, 36: 689-94.
2. Kel A, Voss N, Valeev T, Stegmaier P, Kel-Margoulis O, Wingender E (2008) ExPlain: finding upstream drug targets in disease gene regulatory networks. *SAR QSAR Environ Res*, 19(5-6): 481-94.
3. Michael H, Hogan J, Kel A, Kel-Margoulis O, Schacherer F, Voss N, Wingender E (2008) Building a knowledge base for systems pathology. *BRIEF BIOINFORM*, 9(6): 518-31.
4. Potapov AP, Goemann B, Wingender E (2008) The pairwise disconnectivity index as a new metric for the topological analysis of regulatory networks. *BMC BIOINFORMATICS*, 9: 227.
5. Wingender E (2008) The TRANSFAC project as an example of framework technology that supports the analysis of genomic regulation. *BRIEF BIOINFORM*, 9(4): 326-32.
6. Zubarev RA, Nielsen ML, Fung EM, Savitski MM, Kel-Margoulis O, Wingender E, Kel A (2008) Identification of dominant signaling pathways from proteomics expression data. *Journal of proteomics*, 71(1): 89-96.

**Buchbeiträge**

1. Potapov AP (2008) Signal Transduction and Gene Regulation Networks. In: Björn H. Junker and Falk Schreiber (Hg.) *Analysis of Biological Networks*. Wiley-VCH Verlag, Hoboken, New Jersey, 183-206.

**Medizinische Dissertationen**

1. Bleckmann A, Dr. med., Struktur-Aktivitäts-Relationen kleiner Moleküle am Beispiel von Epothilon und mGluR5-Modulatoren. Dissertation Universität Göttingen 2008.

**Diplomarbeiten**

1. Vogler H, Dipl.-Biol., Vorhersage phänotyp-spezifischer Effektor-Moleküle durch Verknüpfung von Genexpressionsdaten mit Informationen über biomolekulare Netzwerke. Diplomarbeit Universität Göttingen 2008.