

Publikationen

Balázs Györffy, Iwona Stelnic-Klotz, Christian Sigler, Yu Qian, Torben Redmer, Katharina Kasack and Reinhold Schäfer. *Effects of RAL signal transduction in KRAS- and BRAF-mutated cells and prognostic potential of RAL signature in colorectal cancer*. *Oncotarget*. 2015 May 30;6(15):13334-46.

Kristin Reiche, Katharina Kasack, Stephan Schreiber, Eldri U. Due, Torben Lüders, Vessela N. Kristensen, Bjørn Naume, Friedemann Horn, Anne-Lise Børresen-Dale, Jörg Hackermüller and Lars O. Baumbusch. *Long non-coding RNAs differentially expressed between normal versus primary breast tumor tissues disclose non-synonymous transcription to breast cancer related mRNAs*. *PLoS One*. 2014 Sep 29;9(9).

Jörg Hackermüller, Kristin Reiche, Christian Otto, Nadine Höslér, Conny Blumert, Katja Brocke-Heidrich, Levin Böhlig, Katharina Kasack, Peter Ahnert, Wolfgang Krupp, Kurt Engeland, Peter F. Stadler, Friedemann Horn. *Cell cycle, oncogenic and tumor suppressor pathways regulate numerous long and macro ncRNAs*. *Genome Biol*. 2014 Mar 4;15(3):R48.

Kerstin Boll, Kristin Reiche, Katharina Kasack, Nora Mörbt, Antje K. Kretschmar, Janina Tomm, Gerald Verhaegh, Jack Schalken, Martin von Bergen, Friedemann Horn, and Jörg Hackermüller. *MiR-130a, miR-203 and miR-205 jointly repress key oncogenic pathways and are downregulated in prostate carcinoma*. *Oncogene*. 2013 Jan 17;32(3):277-85.

Kristin Reiche, Katharina Schutt, Kerstin Boll, Friedemann Horn, and Jörg Hackermüller. *Bioinformatics for RNomics*. *Methods Mol Biol*. 2011; 719:299-330.

Dominic Rose, Michael Hiller, Katharina Schutt, Jörg Hackermüller, Rolf Backofen, and Peter F. Stadler. *Computational discovery of human coding and non-coding transcripts with conserved splice sites*. *Bioinformatics*. 2011 Jul 15;27(14):1894-900. Epub 2011 May 26.

Peter F. Stadler, Julian J-L Chen, Jörg Hackermüller, Steve Hoffmann, Friedemann Horn, Phillip Khaitovich, Antje K. Kretschmar, Axel Mosig, Sonja J Prohaska, Xiaodong Qi, Katharina Schutt, and Kerstin Ullmann. *Evolution of vault RNAs*. *Mol Biol Evol*, 26(9):1975-1991, Sep 2009.

Posterpräsentationen

Differential expression of non-protein coding transcripts in breast cancer cells. Kasack K, Reiche K, Horn F, Hackermüller J. 10. Research Festival Leipzig, 16. Dezember 2011

Nicht kodierende RNAs in Brustkrebs-initiiierenden Zellen (BCIC). Kasack K, Reiche K, Boll K, Horn F, Hackermüller J. 2.LIFE Science Day, Leipzig, 29./30. November 2011

Non-protein coding RNAs in breast cancer initiating cells. Kasack K, Reiche K, Boll K, Horn F, Hackermüller J. RNA and Disease, Jena, 8.-10. September 2011

Non-protein coding RNAs in breast cancer initiating cells. Schutt K, Reiche K, Boll K, Horn F, Hackermüller J. 9. Research Festival Leipzig, 17. Dezember 2010

Nicht kodierende RNAs in Brustkrebs-initiierenden Zellen (BCIC). Schutt K, Reiche K, Boll K, Horn F, Hackermüller J. LIFE Science Day, Leipzig, 27. / 28. September 2010

Long non-coding RNAs in Prostate Cancer. Schutt K, Verhaegh G, Schalken J, Reiche K, Hackermüller J, Boll K, Horn F. The Non-Coding Genome, Heidelberg, 13-16. Oktober 2010

Non-protein coding RNAs in breast cancer initiating cells. Schutt K, Ullmann K, Reiche K, Horn F, Hackermüller J. 8. Research Festival Leipzig, 18. Dezember 2009

Non-protein coding RNAs as highly specific biomarkers for cancer. Schutt K, Horn F, Ullmann K, Kretzschmar AK, Hackermüller J. Sächsischer Biotechnologietag, Leipzig, 26. Mai 2009

The STAT3 enhancer of microRNA-21 a novel target for therapeutic strategies in inflammatory diseases, autoimmune diseases and cancer. Schutt K. BioVaria München, 8. Mai 2009

Vorträge

Localizing long non-coding RNAs using RNA-FISH. ESF-LIFE Doktorandenseminar, Leipzig, 7. Mai 2012

Breast cancer and non-coding RNAs. Doktorandenseminar, Fraunhofer IZI Leipzig, 2. November 2010

Non-protein coding RNAs in breast cancer initiating cells. Doktorandenseminar, Fraunhofer IZI Leipzig, 22. Oktober 2009

nONCOchip - a tool for the discovery of non-protein coding RNA biomarkers in oncology. BioVaria 2009 'Germany's Next Top Technologies', München, 8. Mai 2009

Analysis of microRNA-targets: Bioinformatical prediction and experimental validation using differential expression of microRNAs. 23. TBI Winterseminar - Computational Mathematics and Theoretical Biology. Bled, Slowenien, Feb 2008.