Marcus Oswald

Alumni

Publications

Ast V, Kordaß T, Oswald M, Kolte A, Eisel D, Osen W, Eichmüller SB, Berndt A, König R (2018) MiR-192, miR-200c and miR-17 are fibroblast-mediated inhibitors of colorectal cancer invasion. *Oncotarget* 9(85), 35559-35580.

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Minner S, Lutz J, Hube-Magg C, Kluth M, Simon R, Höflmayer D, Burandt E, Tsourlakis MC, Sauter G, Büscheck F, Wilczak W, Steurer S, Schlomm T, Huland H, Graefen M, Haese A, Heinzer H, Jacobsen F, Hinsch A, Poos A, Oswald M, Rippe K, König R, Schroeder C (2018) Loss of CCAAT/Enhancer binding protein alpha (CEBPA) is linked to poor prognosis in PTEN deleted and TMPRSS2:ERG fusion type prostate cancers. *Prostate* 79(3), 302-311.

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Saraiva JP, Oswald M, Biering A, Röll D, Assmann C, Klassert T, Blaess M, Czakai K, Claus R, Löffler J, Slevogt H, König R. (2017) Fungal biomarker discovery by integration of classifiers. *BMC Genomics* 18, 601.

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Kordaß T, Weber CEM, Oswald M, Ast V, Bernhardt M, Novak D, Utikal J, Eichmüller SB, König R. (2016) SOX5 is involved in balanced MITF regulation in human melanoma cells *BMC Medical Genomics, 9(1):10.* ,

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Poos AM, Maicher A, Dieckmann AK, Oswald M, Eils R, Kupiec M, Luke B, König R (2016) Mixed Integer Linear Programming based machine learning approach identifies regulators of telomerase in yeast *Nucleic Acids Res* 44(10), e93.

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biomarker predictions in sepsis. In: Proceedings of the 6th IFAC Conference on Foundations of Systems Biology in Engineering IFAC-PapersOnLine, Magdeburg, 10/09/2016-10/12/2016, 49, pp. 95-102.Elsevier ScienceDirect.

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Piro RM, Wiesberg S, Schramm G, Rebel N, Oswald M, Eils R, Reinelt G, König R (2014) Network topology-based detection of differential gene regulation and regulatory switches in cell metabolism and signaling. *BMC Syst Biol* 8, 56.

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Schacht T, Oswald M, Eils R, Eichmüller SB, König R (2014) Estimating the activity of transcription factors by the effect on their target genes. *Bioinformatics* 30(17), i401-i407.

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Suratanee A, Schaefer MH, Betts MJ, Soons Z, Mannsperger H, Harder N, Oswald M, Gipp M, Ramminger E, Marcus G, Männer R, Rohr K, Wanker E, Russell RB, Andrade-Navarro MA, Eils R, König R (2014) Characterizing Protein Interactions Employing a Genome-Wide siRNA Cellular Phenotyping Screen. *PLOS Comput Biol* 10(9), e1003814.

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Ummanni R, Mannsperger HA, Sonntag J, Oswald M, Sharma AK, König R, Korf U (2014) Evaluation of reverse phase protein array (RPPA)-based pathway-activation profiling in 84 non-small cell lung cancer (NSCLC) cell lines as platform for cancer proteomics and biomarker discovery. *Biochim Biophys Acta* 1844(5), 950-959.

Details

Publication list as PDF