

[Short communication: asymmetric dimethylarginine impairs angiogenic progenitor cell function in patients with coronary artery disease through a microRNA-21-dependent mechanism.](#)

Fleissner F, Jazbutyte V, Fiedler J, Gupta SK, Yin X, Xu Q, Galuppo P, Kneitz S, Mayr M, Ertl G, Bauersachs J, Thum T. *Circ Res*. 2010 Jul 9;107(1):138-43. doi: 10.1161/CIRCRESAHA.110.216770. Epub 2010 May 20. PMID: 20489163

[Functional variants of TSPAN8 are associated with bipolar disorder and schizophrenia.](#)

Scholz CJ, Jacob CP, Buttenschon HN, Kittel-Schneider S, Boreatti-Hümmer A, Zimmer M, Walter U, Lesch KP, Mors O, Kneitz S, Deckert J, Reif A. *Am J Med Genet B Neuropsychiatr Genet*. 2010 Jun 5;153B(4):967-72. doi: 10.1002/ajmg.b.31057. PMID: 20052686

[Expression of microRNA-221 is progressively reduced in aggressive prostate cancer and metastasis and predicts clinical recurrence.](#)

Spahn M, Kneitz S, Scholz CJ, Stenger N, Rüdiger T, Ströbel P, Riedmiller H, Kneitz B. *Int J Cancer*. 2010 Jul 15;127(2):394-403. doi: 10.1002/ijc.24715. PMID: 19585579 Free article.

[Modelling cross-hybridization on phylogenetic DNA microarrays increases the detection power of closely related species.](#)

Engelmann JC, Rahmann S, Wolf M, Schultz J, Fritzilas E, Kneitz S, Dandekar T, Müller T. *Mol Ecol Resour*. 2009 Jan;9(1):83-93. doi: 10.1111/j.1755-0998.2008.02199.x. Epub 2008 Oct 6. PMID: 21564570

[KINK-1, a novel small-molecule inhibitor of IKKbeta, and the susceptibility of melanoma cells to antitumoral treatment.](#)

Schön M, Wienrich BG, Kneitz S, Sennefelder H, Amschler K, Vöhringer V, Weber O, Stiewe T, Ziegelbauer K, Schön MP. *J Natl Cancer Inst*. 2008 Jun 18;100(12):862-75. doi: 10.1093/jnci/djn174. Epub 2008 Jun 10. PMID: 18544741

[Immediate mineralocorticoid receptor blockade improves myocardial infarct healing by modulation of the inflammatory response.](#)

Fraccarollo D, Galuppo P, Schraut S, Kneitz S, van Rooijen N, Ertl G, Bauersachs J. *Hypertension*. 2008 Apr;51(4):905-14. doi: 10.1161/HYPERTENSIONAHA.107.100941. Epub 2008 Feb 25. PMID: 18299485

[Proinflammatory response of immature human dendritic cells is mediated by dectin-1 after exposure to \*Aspergillus fumigatus\* germ tubes.](#)

Mezger M, Kneitz S, Wozniok I, Kurzai O, Einsele H, Loeffler J. *J Infect Dis*. 2008 Mar 15;197(6):924-31. doi: 10.1086/528694. PMID: 18279049

[Biostatistical analysis of gene microarrays reveals diverse expression clusters between macaque subspecies in brain SIV infection.](#)

Kneitz S, Meisner F, Sopper S, Kaiser F, Grünblatt E, Scheller C, Riederer P, ter Meulen V, Koutsilieris E. *J Neural Transm Suppl*. 2007;(72):317-22. doi: 10.1007/978-3-211-73574-9\_39. PMID: 17982909

[Memantine upregulates BDNF and prevents dopamine deficits in SIV-infected macaques: a novel pharmacological action of memantine.](#)

Meisner F, Scheller C, Kneitz S, Sopper S, Neuen-Jacob E, Riederer P, ter Meulen V, Koutsilieris E; German Competence Network HIV/AIDS. *Neuropsychopharmacology*. 2008 Aug;33(9):2228-36. doi: 10.1038/sj.npp.1301615. Epub 2007 Oct 31. PMID: 17971830

[MicroRNAs in the human heart: a clue to fetal gene reprogramming in heart failure.](#)

Thum T, Galuppo P, Wolf C, Fiedler J, Kneitz S, van Laake LW, Doevendans PA, Mummery CL, Borlak J, Haverich A, Gross C, Engelhardt S, Ertl G, Bauersachs J. *Circulation*. 2007 Jul 17;116(3):258-67. doi: 10.1161/CIRCULATIONAHA.107.687947. Epub 2007 Jul 2. PMID: 17606841

[Ependymoma gene expression profiles associated with histological subtype, proliferation, and patient survival.](#)

Lukashova-v Zangen I, Kneitz S, Monoranu CM, Rutkowski S, Hinkes B, Vince GH, Huang B, Roggendorf W. *Acta Neuropathol*. 2007 Mar;113(3):325-37. doi: 10.1007/s00401-006-0190-5. Epub 2007 Jan 31. PMID: 17265049

[CEACAM engagement by human pathogens enhances cell adhesion and counteracts bacteria-induced detachment of epithelial cells.](#)

Muenzner P, Rohde M, Kneitz S, Hauck CR. *J Cell Biol*. 2005 Aug 29;170(5):825-36. doi: 10.1083/jcb.200412151. Epub 2005 Aug 22. PMID: 16115956 Free PMC article.

[Quantitative analysis of the cardiac fibroblast transcriptome-implications for NO/cGMP signaling.](#)

Smolenski A, Schultess J, Danielewski O, Garcia Arguinzonis MI, Thalheimer P, Kneitz S, Walter U, Lohmann SM. *Genomics*. 2004 Apr;83(4):577-87. doi: 10.1016/j.ygeno.2003.10.002. PMID: 15028281

[Genetic programs of epithelial cell plasticity directed by transforming growth factor-beta.](#)

Zavadil J, Bitzer M, Liang D, Yang YC, Massimi A, Kneitz S, Piek E, Bottinger EP. *Proc Natl Acad Sci U S A*. 2001 Jun 5;98(12):6686-91. doi: 10.1073/pnas.111614398. PMID: 11390996 Free PMC article.

[Myoepithelial sialadenitis versus low-grade non-Hodgkin's lymphoma of the salivary gland in FNAB: is discrimination by means of an image processing system possible?](#)

Ruschenburg I, Kneitz S, Brinck U, Korabiowska M, Harms H, Droese M. *In Vivo*. 1999 Nov-Dec;13(6):515-8. PMID: 10757047

There is a dense lymphocytic infiltration in the gland and discrimination between a hyperimmune reaction and a low grade non-Hodgkin's lymphoma (NHL) of B-cell origin may be impossible. To get additional diagnostically helpful criteria, texture feature analysis on routine ...

[A 1-Mb BAC/PAC-based physical map of the autosomal recessive polycystic kidney disease gene \(PKHD1\) region on chromosome 6.](#)

Park JH, Dixit MP, Onuchic LF, Wu G, Goncharuk AN, Kneitz S, Santarina LB, Hayashi T, Avner ED, Guay-Woodford L, Zerres K, Germino GG, Somlo S. *Genomics*. 1999 Apr 15;57(2):249-55. doi: 10.1006/geno.1999.5777. PMID: 10198164

[Differentiation of low-grade non-Hodgkin's lymphomas using paraffin sections by image processing.](#)

Kneitz S, Ott G, Albert R, Müller-Hermelink HK, Harms H. Cytometry. 1998 Apr 15;34(2):75-81. doi: 10.1002/(sici)1097-0320(19980415)34:2<75::aid-cyto3>3.0.co;2-b. PMID: 9579604

In a previous study, we were able to demonstrate that the differentiation of low-grade non-Hodgkin's lymphomas (NHLs) using digital image analysis of touch imprints obtained from native tumor tissue is feasible. ...

[New method of nuclear grading of tissue sections by means of digital image analysis with prognostic significance for node-negative breast cancer patients.](#)

Albert R, Müller JG, Kristen P, Schindewolf T, Kneitz S, Harms H. Cytometry. 1996 Jun 1;24(2):140-50. doi: 10.1002/(SICI)1097-0320(19960601)24:2<140::AID-CYTO6>3.0.CO;2-N. PMID: 8725663

[Differentiation of low grade non-Hodgkin's lymphoma by digital image processing.](#)

Kneitz S, Ott G, Albert, Schindewolf T, Müller-Hermelink HK, Harms H. Anal Quant Cytol Histol. 1996 Apr;18(2):121-8. PMID: 8744501