

## Literaturverzeichnis

- Akiyama H, Hiraki Y, et al.: Molecular Cloning and Biological Activity of a Novel Ha-Ras Suppressor Gene Predominantly Expressed in Skeletal Muscle, Heart, Brain, and Bone Marrow by Differential Display Using Clonal Mouse EC Cells, ATDC5, The Journal of Biological Chemistry 1999;274:32192-32197
- Anantharaman V, Aravind L: Evolutionary history, structural features and biochemical diversity of the NlpC/P60 superfamily of enzymes, Genome Biology 2003;4:R11
- Asao H, Fu XY: Interferon- $\gamma$  Has Dual Potentials in Inhibiting or Promoting Cell Proliferation, The Journal of Biological Chemistry 2000;275:867-874
- Baselga J: Why the Epidermal Growth Factor Receptor? The Rationale for Cancer Therapy, The Oncologist 2002;7:2-8
- Bird A: DNA methylation patterns and epigenetic memory, Genes and Development 2002;16:6-21
- Böcker W, Denk H, Heitz PU: Böcker/Denk/Heitz Pathologie, München-Wien-Baltimore, 1996
- Bustin SA: Absolute quantification of mRNA using real-time reverse transcription polymerase chain reaction assays, Journal of Molecular Endocrinology, 2000;25:169-193
- Casanova B, de la Fuente MT, et al.: The class II tumor-suppressor gene RARRES3 is expressed in B lymphocytic leukemias and down-regulated with disease progression, Leukemia 2001;15:1521-1526
- Chelbi-Alix MK, Pelicano L: Retinoic acid and interferon cross talk in normal and RA-resistant APL cells, Leukemia 1999;13:1167-1174
- Civin CI, Loken MR: Cell surface antigens on human marrow cells: dissection of hematopoietic development using monoclonal antibodies and multiparameter flow cytometry, International Journal of Cell Cloning, 1987;5:267-88
- Collins, et al., Nature 1977;270:347-349, in DSMZ - Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH, Braunschweig, www.dsmz.de 2003
- DeMaeyer E, DeMaeyer-Guignard J: Interferons, in Thomson A (Hrsg.): The cytokine handbook, Academic Press, San Diego, USA, 1998
- Deucher A, Nagpal S, et al.: The carboxy-terminal hydrophobic domain of TIG3, a class II tumor suppressor protein, is required for appropriate cellular localization and optimal biological activity, International Journal of Oncology 2000;17:1195-1203
- Dilloo D, Hanenberger H, et al.: IL-2inhibits proliferation of K562 cells and reduces accumulation of bcr/abl mRNA an oncoprotein, Leukemia 1995;9:419-424

- Dimberg A, Nilsson K, et al.: Phosphorylation-deficient Stat1 inhibits retinoic acid-induced differentiation and cell cycle arrest in U-937 monoblasts, *Blood*. 2000;96:2870-2878
- DiSepio D, Ghosn C, et al.: Identification and characterization of a retinoid-induced class II tumor suppressor / growth regulatory gene, *Proceedings of the National Academy of Sciences, USA* 1998;95:14811-14815
- Druker BJ, Sawyers CL, et al.: Chronic Myelogenous Leukemia, *Hematology* 2001:87-112
- Dudley DT, Pang L, et al.: A synthetic inhibitor of the mitogen-activated kinase cascade, *Proceedings of the National Academy of Sciences, USA*, 1995;92:7686-7689
- Duvic M, Helekar B, et al.: Expression of a retinoid-inducible tumor suppressor, Tazarotene-inducible gene-3, is decreased in psoriasis and skin cancer, *Clinical Cancer Research* 2000;6:3249-3259
- Esteller M, Corn PG, et al.: A Gene Hypermethylation Profile of Human Cancer, *Cancer Research* 2001;61:3225-3229
- Foley, et al., *Cancer* 1965;18:522-529, in DSMZ - Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH, Braunschweig, [www.dsmz.de](http://www.dsmz.de) 2003
- Gaffen SL, Goldsmith MA, et al.: Interleukin-2 and the Interleukin-2 Receptor, in Thomson A (Hrsg.): *The cytokine handbook*, Academic Press, San Diego, USA, 1998
- Geissler D, Gastl G, et al.: Recombinant Interferon-alpha-2c in chronic myelogenous leukemia: relationship of sensitivity of committed haematopoietic precursor cells in vitro (BFU-E, CFU-E, CFU-Meg) and clinical response, *Leukemia Research* 1990;14,7:629-636
- Gianni M, Terao M, et al.: Stat1 Is Induced and Activated by All-Trans Retinoic Acid in Acute Promyelocytic Leukemia Cells, *Blood* 1997;89:1001-1012
- Goyert SM, Wright SD: CD14, *Protein Reviews On The Web*, <http://www.ncbi.nlm.nih.gov/prow/guide>, modified 14.10.1999
- Hajnal A, Klemenz R, et al.: Up-regulation of lysyl oxidase in spontaneous revertants of H-ras-transformed rat fibroblasts, *Cancer Research* 1993;53:4670-4675
- Hajnal A, Klemenz, et al.: Subtraction cloning of H-rev107, a gene specifically expressed in H-ras resistant fibroblasts, *Oncogene* 1994;9:479-490
- Hanahan D, Weinberg RA: The Hallmarks of Cancer, *Cell*, 2000;100:57-70
- Hansen LA, Sigman CC, et al.: Retinoids in chemoprevention and differentiation therapy, *Carcinogenesis*, 2000;21:1271-1279
- Harris H, Miller OJ, et al: Suppression of malignancy by cell fusion, *Nature* 1969;223:363-369
- Herbst RS, Kies MS: ZD1839 (Iressa™) in Non-Small Cell Lung Cancer, *The Oncologist* 2002;7:9-15

- Higuchi E, Chandraratna RAS, et al.: Induction of TIG3, a putative class II tumor suppressor gene, by retinoic acid in head and neck and lung carcinoma cells and its association with suppression of the transformed phenotype, *Oncogene* 2003;22:4627-4635
- Huang SL, Shyu RY, et al.: Cloning and characterization of a novel retinoid-inducible gene 1 (RGI1), deriving from human gastric cancer cells, *Molecular Cell Biologie* 2000;159:15-24
- Huang SL, Shyu RY, et al.: The retinoid-inducible Gene I: Effect on Apoptosis and Mitogen-activated Kinase Signal Pathways, *Cancer Research* 2002;22:799-804
- Hughes J, Stanway G: The 2A proteins of three diverse picornaviruses are related to each other and to the H-rev107 family of proteins involved in the control of cell proliferation, *Journal of General Virology* 2000;81:201-207
- Hunter T: Signaling-2000 and Beyond, *Cell* 2000;100:113-127
- Husmann K, Sers C, et al.: Transcriptional and translational downregulation of H-REV107, a class II tumor suppressor gene located on human chromosome 11q11-12, *Oncogene* 1998;17:1305-1312
- Ibelgaufts H: COPE (Cytokines Online Pathfinder Encyclopaedia), Horst Ibelgaufts' Hypertext Information Universe of Cytokines Version 4.0, <http://www.copewithcytokines.de/cope/cgi>, August 1999
- Kiess M, Scharm B, et al.: Expression of ril, a novel LIM domain gene, is down-regulated in HRAS-transformed cells and restored in phenotypic revertants, *Oncogene* 1995;10:61-68
- Klein U, Tu YH, et al.: Transcriptional analysis of the B cell germinal center reaction *PNAS* 2003;100:2639-2644
- Kobata T, Morimoto C: CD27, Protein Reviews On The Web, <http://www.ncbi.nlm.nih.gov/prow/guide>, modified 14.10.1999
- Krause DS, Fackler MJ, et al.: CD34 Structure, Biology, an Clinical Utility, *Blood* 1996;87:1-13
- Kuchinke W, Hart RP, et al.: Identification of mRNAs regulated by interferon-gamma in cultured rat astrocytes by PCR differential display, *Neuroimmunomodulation* 1995;2:347-55
- Le Beau MM, Larson RA: Cytogenetics and Neoplasia, in Hoffmann R, et al. (Hrsg.): *Hematology : basic principles and practice*, Philadelphia, 2000
- Lee SW, Tomasetto C, et al.: Positive selection of candidate tumor-suppressor gene by subtractive hybridization, *Proceedings of the National Academy of Sciences, USA* 1991;88:2825-2829

- Lee WMF, Dang CV: Control of Cell Growth and Differentiation, in Hoffmann R, et al. (Hrsg.): Hematology : basic principles and practice, Philadelphia, 2000
- Lin TS, Mahajan S, et al.: STAT signaling in the pathogenesis and treatment of leukemias, *Oncogene* 2000;19:2496-2504
- Lottspeich F, Haralabos Z (Hrsg.): Bioanalytik, Heidelberg-Berlin, 1998
- Lozzio, et al., *Journal of National Cancer Institute* 1973;50:535-538, in DSMZ - Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH, Braunschweig, [www.dmsz.de](http://www.dmsz.de) 2003
- Lubbert M, Miller CW, et al.: Changes of DNA methylation and chromatin structure in the human myeloperoxidase gene during myeloid differentiation, *Blood* 1991;78:345-56
- Mackay CR: The Concept of Memory T Cells, in Snow EC (Hrsg.): Handbook of B and T lymphocytes, San Diego, Californien, USA, 1994
- Matikainen S, Ronni T, et al.: Retinoic Acid activates Interferon Regulatory Factor-1 Gene Expression in Myeloid Cells, *Blood* 1996;88,1:114-123
- Melki JR, Vincent PC, et al.: Concurrent DNA Hypermethylation of Multiple Genes in Acute Myeloid Leukemia, *Cancer Research* 1999;59:3730-3740
- Meydan N, Grunberger T, et al.: Inhibition of acute lymphoblastic leukaemia by a Jak-2 inhibitor, *Nature* 1996;379:645-648
- Mizuno S, Chijiwa T, et al.: Expression of DNA methyltransferase DNMT1, 3A and 3B in normal hematopoiesis and in acute and chronic myelogenous leukemia, *Blood* 2001;97:1172-1179
- Murakami H, Nagata S: Granulocyte Colony Stimulating Factor, in Thomson A (Hrsg.): The cytokine handbook, Academic Press, San Diego, USA, 1998
- Nagumo H, Agematsu K, et al.: The different process of class switching and somatic hypermutation; a novel analysis by CD27<sup>+</sup> naive B cells, *Blood* 2002;99:567-575
- Nielsen M, Kaltoft K, et al.: Constitutive activation of a slowly migrating isoform of Stat3 in mycosis fungoides: Tyrphostin AG490 inhibits Stat3 activation and growth of mycosis fungoides tumor cells, *Proceedings of the National Academy of Sciences, USA* 1997;94:6764-6769
- Nishio H, Tada J, et al.; Civin CI, Fackler MJ: CD34, Protein Reviews On The Web, <http://www.ncbi.nlm.nih.gov/prow/guide>, modified 14.10.1999
- Osborn MT, Berry A, et al.: Phorbol ester induced MDR1 expression in K562 cells occurs independently of mitogen-activated proteinkinase signaling pathways, *Oncogene* 1999;18:5756-5764

- Pelicano L, Li F, et al.: Retinoic acid enhances the expression of Interferon-induced proteins: evidence of multiple mechanisms of action, *Oncogene* 1997;15:2349-2359
- Piatier-Tonneau D, Sattentau Q: CD4, Protein Reviews On The Web, <http://www.ncbi.nlm.nih.gov/prow/guide>, modified 14.10.1999
- Platanias LC, Uddin S, et al.: CrkL and CrkII participate in the generation of the growth inhibitory effects of interferons on primary hematopoietic progenitors, *Experimental Hematology* 1999;27:1315-1321
- Poggi A, Lanier LL: CD56, Protein Reviews On The Web, <http://www.ncbi.nlm.nih.gov/prow/guide>, modified 14.10.1999
- Querol S, Cancelas JA, et al.: Effect of glycosylation of recombinant human granulocytic colony-stimulating factor on expansion cultures of umbilical cord blood CD34<sup>+</sup> cells, *Hematologica* 1999;84:493-498
- Reiffers J, Barge A: Peripheral blood progenitor cell support, The role of haematopoietic growth factors, update, Gardiner-Caldwell Communications Limited, Macclesfield, UK, 1999
- Rice A, Flemming C, et al.: Comparative study of the in vitro behavior of cord blood subpopulations after short-term cytokine exposure, *Bone Marrow Transplant* 1999;23:211-220
- Roder K, Latasa MJ, et al.: Silencing of the Mouse H-rev107 Gene Encoding a Class II Tumor Suppressor by CpG Methylation, *The Journal of Biological Chemistry* 2002;277:30543-30550
- Romeo G, Fiorucci G, et al.: IRF-1 as a Negative Regulator of Cell Proliferation, *Journal of Interferon and Cytokine Research* 2002;22:39-47
- Rosenberg N, Krontiris TG: The Molecular Basis of Neoplasia, in Hoffmann R, et al. (Hrsg.): *Hematology : basic principles and practice*, Philadelphia, 2000
- Sager R: Expression genetics in cancer: Shifting the focus from DNA to RNA, *Proceedings of the National Academy of Sciences, USA* 1997;94:952-955
- Saito T, Yamazaki T: CD3, in Kishimoto T, Kikutani H, et al. (Hrsg.): *Leucocyte Typing VI*, New York und London 1997
- Sakashita K, Koike K, et al.: Dynamic DNA methylation change in the CpG island region of p15 during human myeloid development, *The Journal of Clinical Investigation* 2001;108:1195-1204
- Salesse S, Lagarde V, et al.: Retroviral Coexpression of IFN- $\alpha$  and IFN- $\gamma$  Genes and Inhibitory Effects in Chronic Myeloid Leukemia Cells, *Journal of Interferon and Cytokine Research* 2000;20:577-587

- Sato S, Tedder TF, Fearon DT: CD19, Protein Reviews On The Web, <http://www.ncbi.nlm.nih.gov/prow/guide>, modified 14.10.1999
- Sato T, Selleri C, et al.: Hematopoietic Inhibition by Interferon- $\gamma$  Is Partially Mediated Through Interferon Regulatory Factor-1, *Blood* 1995;86:3373-3380
- Sato T, Selleri C, et al.: Inhibition of Interferon Regulatory Factor-1 Results in Predominance of Cell Growth Stimulatory Effects of Interferon- $\gamma$  Due to Phosphorylation of Stat1 and Stat3, *Blood* 1997;12:4749-4758
- Schäfer R: Suppression of ras Oncogene-Mediated Transformation, *Reviews in Physiology, Biochemistry and Pharmacology* 1994;124:29-92
- Schneider, et al. *International Journal of Cancer* 1977;19:621-626, in DSMZ - Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH, Braunschweig, [www.dmsz.de](http://www.dmsz.de) 2003
- Seliger B, Pfizenmaier K, et al.: Short-Term Treatment with Gamma Interferon Induces Stable Reversion of ras-Transformed Mouse Fibroblasts, *Journal of Virology*, 1991;65,11:6307-6311
- Selleri C., Maciejewski J. P., et al.: Interferon-gamma constitutively expressed in the stromal microenvironment of human marrow cultures mediates potent hematopoietic inhibition, *Blood* 1996;87:4149-57
- Sers C, Emmenegger U, et al.: Growth-inhibitory Activity and Downregulation of class II Tumor-suppressor Gene H-rev107 in Tumor Cell Lines and Experimental Tumors, *The Journal of Cell Biology* 1997;134:935-944
- Sers C, Husmann K, et al.: The class II tumor suppressor gene H-REV107-1 is a target of interferon-regulatory factor-1 and is involved in IFN $\gamma$ -induced cell death in human ovarian carcinoma cells, *Oncogene* 2002;21:2829-2839
- Sewell WA, Cooley MA, et. al.; Thomas ML, Barclay AN: CD45, Protein Reviews On The Web, <http://www.ncbi.nlm.nih.gov/prow/guide>, modified 15.10.1999
- Shields JM, Pruitt K, et al.: Understanding Ras: 'it ain't over 'til it's over', *trends in Cell Biology* 2000;10:147-154
- Siegrist S, Feral C, et al.: hH-rev107, a class II tumor suppressor gene, is expressed by post-meiotic testicular germ cells and CIS cells but not by human testicular germ cell tumors, *Oncogene* 2001;20:5155-5163
- Singh R, Dhawan P, et al.: One-way Cross-talk between p38MAKP and p42/44MAPK, *The Journal of Biological Chemistry*, 1999;274:19593-19600

- Stark GR, Kerr IM, et al.: How cells respond to interferons, *Annual Reviews of Biochemistry* 1998;67:227-264
- Stilgenbauer S, Liebisch P, et al.: Molecular cytogenetic delineation of a novel critical genomic region in chromosome bands 11q23.3-923.1 in lymphoproliferative disorders, *Proceedings of the National Academy of Sciences, USA* 1996;93:11837-11841
- Sundström, et al., *International Journal of Cancer* 1976;17:565-577, in *DSMZ - Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH, Braunschweig, www.dmsz.de* 2003
- Teutsch C: Untersuchungen zur Expression und Regulation der Tumorsuppressorgene H-rev107-1 und H-rev107-2 bei malignen hämatopoetischen Zellen, Dissertation zur Erlangung des akademischen Grades Doctor medicinae (Dr. med.) vorgelegt der Medizinischen Fakultät der Charité Universitätsmedizin Berlin, 2003
- Thiesing JT, Ohno-Jones S, et al.: Efficacy of STI571, an Abl tyrosine kinase inhibitor, in conjunction with other antileukemic agents against Bcr-Abl-positive cells, *Blood* 2000;96:3195-3199
- Verfaillie CM: Anatomy and Physiology of Hematopoiesis, in Hoffmann R, et al. (Hrsg.): *Hematology : basic principles and practice*, Philadelphia, 2000
- Whetton AD, Spooncer A: Role of cytokines and extracellular matrix in the regulation of haematopoietic stem cells, *Current Opinion in Cell Biology*, 1998;10:721-726
- Williams DA: Stem Cell Model of Hematopoiesis, in Hoffmann R, et al. (Hrsg.): *Hematology : basic principles and practice*, Philadelphia, 2000
- Willman CL, Sever CE, et al.: Deletion of IRF-1, mapping to chromosome 5q31.1, in human leukemia and preleukemic myelodysplasia, *Science* 1993;259:968-971
- Wilson KP, McCaffrey, et al.: The structural basis for the specificity of pyridinylimidazole inhibitors of p38 MAP Kinase, *Chemical Biology*, 1997;4:423-431
- Young HA, Klinman DM, et al.: Bone Marrow and Thymus Expression of Interferon- $\gamma$  Results in Severe B-Cell Lineage Reduction, T-Cell Lineage Alterations, and Hematopoietic Progenitor Deficiencies, 1997;89:583-595
- Yu JM, Emmons RVB, et al.: Expression of interferon- $\gamma$  by stromal cells inhibits murine long-term repopulating hematopoietic stem cell activity, *Experimental Hematology* 1999;27:895-903
- Zhu Y, Monni O, et al.: Deletions at 11q23 in different lymphoma subtypes, *Haematologica* 2000;85:908-912

Zion M, Ben-Yehuda D, et al.: Progressive de novo DNA methylation at the bcr-abl locus in the course of chronic myelogenous leukemia, Proceedings of the National Academy of Sciences, USA 1994;91:10722-10726