

## 8 LITERATURVERZEICHNIS

- Annes, J. P., Y. Chen, et al. (2004). "Integrin alphaVbeta6-mediated activation of latent TGF-beta requires the latent TGF-beta binding protein-1." J Cell Biol **165**(5): 723-34.
- Annes, J. P., J. S. Munger, et al. (2003). "Making sense of latent TGFbeta activation." J Cell Sci **116**(Pt 2): 217-24.
- Arteaga, C. L., R. J. Coffey, Jr., et al. (1990). "Growth stimulation of human breast cancer cells with anti-transforming growth factor beta antibodies: evidence for negative autocrine regulation by transforming growth factor beta." Cell Growth Differ **1**(8): 367-74.
- Attisano, L. and J. L. Wrana (2000). "Smads as transcriptional co-modulators." Curr Opin Cell Biol **12**(2): 235-43.
- Bastard, J. P., S. Chambert, et al. (2002). "[RNA isolation and purification methods]." Ann Biol Clin (Paris) **60**(5): 513-23.
- Blobe, G. C., W. P. Schiemann, et al. (2000). "Role of transforming growth factor beta in human disease." N Engl J Med **342**(18): 1350-8.
- Bonham, M. J. and D. Danielpour (1996). "Improved purification and yields of RNA by RNeasy." Biotechniques **21**(1): 57-60.
- Border, W. A. and N. A. Noble (1994). "Transforming growth factor beta in tissue fibrosis." N Engl J Med **331**(19): 1286-92.
- Bouras, M., E. Tabone, et al. (2000). "A novel SMAD4 gene mutation in seminoma germ cell tumors." Cancer Res **60**(4): 922-8.
- Brummelkamp, T. R., R. Bernards, et al. (2002). "Stable suppression of tumorigenicity by virus-mediated RNA interference." Cancer Cell **2**(3): 243-7.
- Bustin, S. A. (2000). "Absolute quantification of mRNA using real-time reverse transcription polymerase chain reaction assays." J Mol Endocrinol **25**(2): 169-93.
- Bustin, S. A. (2002). "Quantification of mRNA using real-time reverse transcription PCR (RT-PCR): trends and problems." J Mol Endocrinol **29**(1): 23-39.
- Chalfie, M. (1995). "Green fluorescent protein." Photochem Photobiol **62**(4): 651-6.
- Chen, C. R., Y. Kang, et al. (2001). "Defective repression of c-myc in breast cancer cells: A loss at the core of the transforming growth factor beta growth arrest program." Proc Natl Acad Sci U S A **98**(3): 992-9.
- Chen, C. R., Y. Kang, et al. (2002). "E2F4/5 and p107 as Smad cofactors linking the TGFbeta receptor to c-myc repression." Cell **110**(1): 19-32.
- Chen, Y., T. Ali, et al. (2005). "Amino acid requirements for formation of the TGF-beta-latent TGF-beta binding protein complexes." J Mol Biol **345**(1): 175-86.
- Chen, Y., D. Shen, et al. (2005). "Use of green fluorescent protein as molecular marker for tagging *Bacillus brevis* in soil under the control of a novel constitutive promoter F1." Folia Microbiol (Praha) **50**(5): 437-42.
- Cheng, T., H. Shen, et al. (2001). "Transforming growth factor beta 1 mediates cell-cycle arrest of primitive hematopoietic cells independent of p21(Cip1/Waf1) or p27(Kip1)." Blood **98**(13): 3643-9.

- Claassen, G. F. and S. R. Hann (2000). "A role for transcriptional repression of p21CIP1 by c-Myc in overcoming transforming growth factor beta -induced cell-cycle arrest." *Proc Natl Acad Sci U S A* **97**(17): 9498-503.
- Clark, E. A. and J. S. Brugge (1995). "Integrins and signal transduction pathways: the road taken." *Science* **268**(5208): 233-9.
- Cui, W., D. J. Fowlis, et al. (1996). "TGFbeta1 inhibits the formation of benign skin tumors, but enhances progression to invasive spindle carcinomas in transgenic mice." *Cell* **86**(4): 531-42.
- Derynck, R., J. A. Jarrett, et al. (1985). "Human transforming growth factor-beta complementary DNA sequence and expression in normal and transformed cells." *Nature* **316**(6030): 701-5.
- Dheda, K., J. F. Huggett, et al. (2005). "The implications of using an inappropriate reference gene for real-time reverse transcription PCR data normalization." *Anal Biochem* **344**(1): 141-3.
- Dupont, S., L. Zacchigna, et al. (2004). "Convergence of p53 and TGF-beta signaling networks." *Cancer Lett* **213**(2): 129-38.
- Elbashir, S. M., J. Harborth, et al. (2001). "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells." *Nature* **411**(6836): 494-8.
- Elliott, R. L. and G. C. Blobe (2005). "Role of transforming growth factor Beta in human cancer." *J Clin Oncol* **23**(9): 2078-93.
- Etschmann, B., B. Wilcken, et al. (2006). "Selection of Reference Genes for Quantitative Real-time PCR Analysis in Canine Mammary Tumors Using the GeNorm Algorithm." *Vet Pathol* **43**(6): 934-42.
- Ewan, K. B., R. L. Henshall-Powell, et al. (2002). "Transforming growth factor-beta1 mediates cellular response to DNA damage in situ." *Cancer Res* **62**(20): 5627-31.
- Feng, X. H., Y. Y. Liang, et al. (2002). "Direct interaction of c-Myc with Smad2 and Smad3 to inhibit TGF-beta-mediated induction of the CDK inhibitor p15(INK4B)." *Mol Cell* **9**(1): 133-43.
- Fleige, S. and M. W. Pfaffl (2006). "RNA integrity and the effect on the real-time qRT-PCR performance." *Mol Aspects Med* **27**(2-3): 126-39.
- Fleisch, M. C., C. A. Maxwell, et al. (2006). "The pleiotropic roles of transforming growth factor beta in homeostasis and carcinogenesis of endocrine organs." *Endocr Relat Cancer* **13**(2): 379-400.
- Fortunel, N. O., A. Hatzfeld, et al. (2000). "Transforming growth factor-beta: pleiotropic role in the regulation of hematopoiesis." *Blood* **96**(6): 2022-36.
- Frederick, J. P., N. T. Liberati, et al. (2004). "Transforming growth factor beta-mediated transcriptional repression of c-myc is dependent on direct binding of Smad3 to a novel repressive Smad binding element." *Mol Cell Biol* **24**(6): 2546-59.
- Gaither, A. and V. Iourgenko (2007). "RNA interference technologies and their use in cancer research." *Curr Opin Oncol* **19**(1): 50-4.
- Ge, R., V. Rajeev, et al. (2004). "Selective inhibitors of type I receptor kinase block cellular transforming growth factor-beta signaling." *Biochem Pharmacol* **68**(1): 41-50.
- Giltay, R., G. Kostka, et al. (1997). "Sequence and expression of a novel member (LTBP-4) of the family of latent transforming growth factor-beta binding proteins." *FEBS Lett* **411**(2-3): 164-8.
- Ginzinger, D. G. (2002). "Gene quantification using real-time quantitative PCR: an emerging technology hits the mainstream." *Exp Hematol* **30**(6): 503-12.

- Gleizes, P. E., R. C. Beavis, et al. (1996). "Identification and characterization of an eight-cysteine repeat of the latent transforming growth factor-beta binding protein-1 that mediates bonding to the latent transforming growth factor-beta1." *J Biol Chem* **271**(47): 29891-6.
- Glick, A. B., W. C. Weinberg, et al. (1996). "Transforming growth factor beta 1 suppresses genomic instability independent of a G1 arrest, p53, and Rb." *Cancer Res* **56**(16): 3645-50.
- Gong, J., S. Ammanamanchi, et al. (2003). "Transforming growth factor beta 1 increases the stability of p21/WAF1/CIP1 protein and inhibits CDK2 kinase activity in human colon carcinoma FET cells." *Cancer Res* **63**(12): 3340-6.
- Gouin, A., E. Bloch-Gallego, et al. (1996). "Transforming growth factor-beta 3, glial cell line-derived neurotrophic factor, and fibroblast growth factor-2, act in different manners to promote motoneuron survival in vitro." *J Neurosci Res* **43**(4): 454-64.
- Gray, A. M. and A. J. Mason (1990). "Requirement for activin A and transforming growth factor--beta 1 pro-regions in homodimer assembly." *Science* **247**(4948): 1328-30.
- Hafez, M. M., D. Infante, et al. (1990). "Transforming growth factor beta 1 acts as an autocrine-negative growth regulator in colon enterocytic differentiation but not in goblet cell maturation." *Cell Growth Differ* **1**(12): 617-26.
- Hamasaki, N., H. Iida, et al. (2001). "[Molecular biology techniques as clinical laboratory tests]." *Rinsho Byori* **49**(1): 9-18.
- Harper, J. W., G. R. Adami, et al. (1993). "The p21 Cdk-interacting protein Cip1 is a potent inhibitor of G1 cyclin-dependent kinases." *Cell* **75**(4): 805-16.
- Hartsough, M. T. and K. M. Mulder (1997). "Transforming growth factor-beta signaling in epithelial cells." *Pharmacol Ther* **75**(1): 21-41.
- Higuchi, R., C. Fockler, et al. (1993). "Kinetic PCR analysis: real-time monitoring of DNA amplification reactions." *Biotechnology (N Y)* **11**(9): 1026-30.
- Hojo, M., T. Morimoto, et al. (1999). "Cyclosporine induces cancer progression by a cell-autonomous mechanism." *Nature* **397**(6719): 530-4.
- Hu, P. P., X. Shen, et al. (1999). "The MEK pathway is required for stimulation of p21(WAF1/CIP1) by transforming growth factor-beta." *J Biol Chem* **274**(50): 35381-7.
- Hytyainen, M., C. Penttilen, et al. (2004). "Latent TGF-beta binding proteins: extracellular matrix association and roles in TGF-beta activation." *Crit Rev Clin Lab Sci* **41**(3): 233-64.
- Hytyainen, M., J. Taipale, et al. (1998). "Recombinant latent transforming growth factor beta-binding protein 2 assembles to fibroblast extracellular matrix and is susceptible to proteolytic processing and release." *J Biol Chem* **273**(32): 20669-76.
- Kim, G. Y., S. E. Mercer, et al. (2002). "The stress-activated protein kinases p38 alpha and JNK1 stabilize p21(Cip1) by phosphorylation." *J Biol Chem* **277**(33): 29792-802.
- Kingsley, D. M. (1994). "The TGF-beta superfamily: new members, new receptors, and new genetic tests of function in different organisms." *Genes Dev* **8**(2): 133-46.
- Kivinen, L. and M. Laiho (1999). "Ras- and mitogen-activated protein kinase kinase-dependent and -independent pathways in p21Cip1/Waf1 induction by fibroblast growth factor-2, platelet-derived growth factor, and transforming growth factor-beta1." *Cell Growth Differ* **10**(9): 621-8.
- Koli, K., J. Saharinen, et al. (2001). "Latency, activation, and binding proteins of TGF-beta." *Microsc Res Tech* **52**(4): 354-62.

## Literaturverzeichnis

---

- Koli, K., F. Wempe, et al. (2004). "Disruption of LTBP-4 function reduces TGF-beta activation and enhances BMP-4 signaling in the lung." J Cell Biol **167**(1): 123-33.
- Kruse, B. (2005). Genexpressionsanalyse des potentiellen Tumorsuppressorgens latent transforming growth factor- $\beta$  binding protein 4 (LTBP-4) in humanen Mammatumoren in vitro und in vivo. Institut für Tierpathologie (Diss.). Berlin, Freie Universität Berlin.
- Kuhlmann, M., Nellen, W. (2004). Gen, sei still! RNAinterferenz. Weinheim, Wiley-VCH Verlag GmbH & Co. KGaA. **Nr. 3**.
- Lage, H. (2005). "Potential applications of RNA interference technology in the treatment of cancer." Future Oncol **1**(1): 103-13.
- Lehninger, A. L. (2001). Prinzipien der Biochemie, Spektrum Akademischer Verlag.
- Letterio, J. J. and A. B. Roberts (1998). "Regulation of immune responses by TGF-beta." Annu Rev Immunol **16**: 137-61.
- Li, H., D. Xu, et al. (2006). "Transforming growth factor beta suppresses human telomerase reverse transcriptase (hTERT) by Smad3 interactions with c-Myc and the hTERT gene." J Biol Chem **281**(35): 25588-600.
- Livak, K. J. and T. D. Schmittgen (2001). "Analysis of relative gene expression data using real-time quantitative PCR and the 2(-Delta Delta C(T)) Method." Methods **25**(4): 402-8.
- Lutz, M. and P. Knaus (2002). "Integration of the TGF-beta pathway into the cellular signalling network." Cell Signal **14**(12): 977-88.
- Mangasser-Stephan, K. and A. M. Gressner (1999). "Molecular and functional aspects of latent transforming growth factor-beta binding protein: just a masking protein?" Cell Tissue Res **297**(3): 363-70.
- Markowitz, S., J. Wang, et al. (1995). "Inactivation of the type II TGF-beta receptor in colon cancer cells with microsatellite instability." Science **268**(5215): 1336-8.
- Martinou, J. C., A. Le Van Thai, et al. (1990). "Transforming growth factor beta 1 is a potent survival factor for rat embryo motoneurons in culture." Brain Res Dev Brain Res **52**(1-2): 175-81.
- Massague, J. (1998). "TGF-beta signal transduction." Annu Rev Biochem **67**: 753-91.
- Massague, J., S. W. Blain, et al. (2000). "TGFbeta signaling in growth control, cancer, and heritable disorders." Cell **103**(2): 295-309.
- Massague, J., S. Cheifetz, et al. (1992). "Transforming growth factor-beta." Cancer Surv **12**: 81-103.
- Massague, J. and Y. G. Chen (2000). "Controlling TGF-beta signaling." Genes Dev **14**(6): 627-44.
- McLennan, I. S. and K. Koishi (2002). "The transforming growth factor-betas: multifaceted regulators of the development and maintenance of skeletal muscles, motoneurons and Schwann cells." Int J Dev Biol **46**(4): 559-67.
- Micke, P., M. Ohshima, et al. (2006). "Biobanking of fresh frozen tissue: RNA is stable in nonfixed surgical specimens." Lab Invest **86**(2): 202-11.
- Miyazono, K. and C. H. Heldin (1989). "Role for carbohydrate structures in TGF-beta 1 latency." Nature **338**(6211): 158-60.
- Miyazono, K., A. Olofsson, et al. (1991). "A role of the latent TGF-beta 1-binding protein in the assembly and secretion of TGF-beta 1." Embo J **10**(5): 1091-101.

## Literaturverzeichnis

---

- Morgan, D. O. (1995). "Principles of CDK regulation." Nature **374**(6518): 131-4.
- Moustakas, A., S. Souchelnytskyi, et al. (2001). "Smad regulation in TGF-beta signal transduction." J Cell Sci **114**(Pt 24): 4359-69.
- Mülhardt, D. C. (1999). Der Experimentator: Molekularbiologie. Stuttgart, Gustav Fischer Verlag.
- Munger, J. S., X. Huang, et al. (1999). "The integrin alpha v beta 6 binds and activates latent TGF beta 1: a mechanism for regulating pulmonary inflammation and fibrosis." Cell **96**(3): 319-28.
- Murphy-Ullrich, J. E., S. Schultz-Cherry, et al. (1992). "Transforming growth factor-beta complexes with thrombospondin." Mol Biol Cell **3**(2): 181-8.
- Noonberg, S. B., G. K. Scott, et al. (1995). "Effect of pH on RNA degradation during guanidinium extraction." Biotechniques **19**(5): 731-3.
- Oklu, R. and R. Hesketh (2000). "The latent transforming growth factor beta binding protein (LTBP) family." Biochem J **352 Pt 3**: 601-10.
- Olofsson, A., K. Miyazono, et al. (1992). "Transforming growth factor-beta 1, -beta 2, and -beta 3 secreted by a human glioblastoma cell line. Identification of small and different forms of large latent complexes." J Biol Chem **267**(27): 19482-8.
- Pardali, K., M. Kowanetz, et al. (2005). "Smad pathway-specific transcriptional regulation of the cell cycle inhibitor p21(WAF1/Cip1)." J Cell Physiol **204**(1): 260-72.
- Pardali, K., A. Kurisaki, et al. (2000). "Role of Smad proteins and transcription factor Sp1 in p21(Waf1/Cip1) regulation by transforming growth factor-beta." J Biol Chem **275**(38): 29244-56.
- Pear, W. S., G. P. Nolan, et al. (1993). "Production of high-titer helper-free retroviruses by transient transfection." Proc Natl Acad Sci U S A **90**(18): 8392-6.
- Penttinen, C., J. Saharinen, et al. (2002). "Secretion of human latent TGF-beta-binding protein-3 (LTBP-3) is dependent on co-expression of TGF-beta." J Cell Sci **115**(Pt 17): 3457-68.
- Pfaffl, M. W. (2001). "A new mathematical model for relative quantification in real-time RT-PCR." Nucleic Acids Res **29**(9): e45.
- Pingoud, A., Urbanke, Claus (1997). Arbeitsmethoden der Biochemie, Walter de Gruyter & Co.
- Pouliot, F. and C. Labrie (2002). "Role of Smad1 and Smad4 proteins in the induction of p21WAF1,Cip1 during bone morphogenetic protein-induced growth arrest in human breast cancer cells." J Endocrinol **172**(1): 187-98.
- Radonic, A., S. Thulke, et al. (2004). "Guideline to reference gene selection for quantitative real-time PCR." Biochem Biophys Res Commun **313**(4): 856-62.
- Rebay, I., R. J. Fleming, et al. (1991). "Specific EGF repeats of Notch mediate interactions with Delta and Serrate: implications for Notch as a multifunctional receptor." Cell **67**(4): 687-99.
- Rehm, H. (1997). Der Experimentator: Proteinbiochemie. Stuttgart, Gustav Fischer Verlag.
- Reinhardt, D. P., R. N. Ono, et al. (2000). "Mutations in calcium-binding epidermal growth factor modules render fibrillin-1 susceptible to proteolysis. A potential disease-causing mechanism in Marfan syndrome." J Biol Chem **275**(16): 12339-45.
- Rifkin, D. B. (2005). "Latent transforming growth factor-beta (TGF-beta) binding proteins: orchestrators of TGF-beta availability." J Biol Chem **280**(9): 7409-12.

## Literaturverzeichnis

---

- Roberts, A. B. (1998). "Molecular and cell biology of TGF-beta." Miner Electrolyte Metab **24**(2-3): 111-9.
- Roberts, A. B., & Sporn, M. B. (1990). Peptides, Growth Factors And Their Receptors. Berlin, Springer Verlag.
- Roberts, A. B. and M. B. Sporn (1992). "Differential expression of the TGF-beta isoforms in embryogenesis suggests specific roles in developing and adult tissues." Mol Reprod Dev **32**(2): 91-8.
- Roberts, A. B. and L. M. Wakefield (2003). "The two faces of transforming growth factor beta in carcinogenesis." Proc Natl Acad Sci U S A **100**(15): 8621-3.
- Rozen, S. and H. Skaletsky (2000). "Primer3 on the WWW for general users and for biologist programmers." Methods Mol Biol **132**: 365-86.
- Saharinen, J., M. Hyttiainen, et al. (1999). "Latent transforming growth factor-beta binding proteins (LTBPs)--structural extracellular matrix proteins for targeting TGF-beta action." Cytokine Growth Factor Rev **10**(2): 99-117.
- Saharinen, J. and J. Keski-Oja (2000). "Specific sequence motif of 8-Cys repeats of TGF-beta binding proteins, LTBPs, creates a hydrophobic interaction surface for binding of small latent TGF-beta." Mol Biol Cell **11**(8): 2691-704.
- Saharinen, J., J. Taipale, et al. (1996). "Association of the small latent transforming growth factor-beta with an eight cysteine repeat of its binding protein LTBP-1." Embo J **15**(2): 245-53.
- Saharinen, J., J. Taipale, et al. (1998). "Identification and characterization of a new latent transforming growth factor-beta-binding protein, LTBP-4." J Biol Chem **273**(29): 18459-69.
- Sambrook, J., Fritsch, D.F. (1989). Molecular cloning: a laboratory manual. New York, USA, Cold Spring Harbor Press.
- Schiemann, W. P., W. M. Pfeifer, et al. (1999). "A deletion in the gene for transforming growth factor beta type I receptor abolishes growth regulation by transforming growth factor beta in a cutaneous T-cell lymphoma." Blood **94**(8): 2854-61.
- Schroeder, A., O. Mueller, et al. (2006). "The RIN: an RNA integrity number for assigning integrity values to RNA measurements." BMC Mol Biol **7**: 3.
- Schroeder, A., O. Mueller, et al. (2006). "The RIN: an RNA integrity number for assigning integrity values to RNA measurements." BMC Mol Biol **7**(1): 3.
- Schultz-Cherry, S., H. Chen, et al. (1995). "Regulation of transforming growth factor-beta activation by discrete sequences of thrombospondin 1." J Biol Chem **270**(13): 7304-10.
- Schultze-Mosgau, S., M. A. Blaese, et al. (2004). "Smad-3 and Smad-7 expression following anti-transforming growth factor beta 1 (TGFbeta1)-treatment in irradiated rat tissue." Radiother Oncol **70**(3): 249-59.
- Seoane, J. (2004). "p21(WAF1/CIP1) at the switch between the anti-oncogenic and oncogenic faces of TGFbeta." Cancer Biol Ther **3**(2): 226-7.
- Seoane, J., H. V. Le, et al. (2004). "Integration of Smad and forkhead pathways in the control of neuroepithelial and glioblastoma cell proliferation." Cell **117**(2): 211-23.
- Seoane, J., C. Pouponnot, et al. (2001). "TGFbeta influences Myc, Miz-1 and Smad to control the CDK inhibitor p15INK4b." Nat Cell Biol **3**(4): 400-8.

## Literaturverzeichnis

---

- Sherr, C. J. and J. M. Roberts (1999). "CDK inhibitors: positive and negative regulators of G1-phase progression." *Genes Dev* **13**(12): 1501-12.
- Shi, Y. and J. Massague (2003). "Mechanisms of TGF-beta signaling from cell membrane to the nucleus." *Cell* **113**(6): 685-700.
- Siegel, P. M. and J. Massague (2003). "Cytostatic and apoptotic actions of TGF-beta in homeostasis and cancer." *Nat Rev Cancer* **3**(11): 807-21.
- Sinha, S., C. Nevett, et al. (1998). "Cellular and extracellular biology of the latent transforming growth factor-beta binding proteins." *Matrix Biol* **17**(8-9): 529-45.
- Sterner-Kock, A., I. S. Thorey, et al. (2002). "Disruption of the gene encoding the latent transforming growth factor-beta binding protein 4 (LTBP-4) causes abnormal lung development, cardiomyopathy, and colorectal cancer." *Genes Dev* **16**(17): 2264-73.
- Taipale, J., J. Lohi, et al. (1995). "Human mast cell chymase and leukocyte elastase release latent transforming growth factor-beta 1 from the extracellular matrix of cultured human epithelial and endothelial cells." *J Biol Chem* **270**(9): 4689-96.
- Tang, B., E. P. Bottinger, et al. (1998). "Transforming growth factor-beta1 is a new form of tumor suppressor with true haploid insufficiency." *Nat Med* **4**(7): 802-7.
- Tang, G., B. J. Reinhart, et al. (2003). "A biochemical framework for RNA silencing in plants." *Genes Dev* **17**(1): 49-63.
- Ten Dijke, P., M. J. Goumans, et al. (2002). "Regulation of cell proliferation by Smad proteins." *J Cell Physiol* **191**(1): 1-16.
- Todorovic, V., V. Jurukovski, et al. (2005). "Latent TGF-beta binding proteins." *Int J Biochem Cell Biol* **37**(1): 38-41.
- Vandesompele, J., K. De Preter, et al. (2002). "Accurate normalization of real-time quantitative RT-PCR data by geometric averaging of multiple internal control genes." *Genome Biol* **3**(7): RESEARCH0034.
- Wakefield, L. M. and A. B. Roberts (2002). "TGF-beta signaling: positive and negative effects on tumorigenesis." *Curr Opin Genet Dev* **12**(1): 22-9.
- Weiskirchen, R., M. Moser, et al. (2003). "The murine latent transforming growth factor-beta binding protein (Ltpb-1) is alternatively spliced, and maps to a region syntenic to human chromosome 2p21-22." *Gene* **308**: 43-52.
- Yue, J. and K. M. Mulder (2001). "Transforming growth factor-beta signal transduction in epithelial cells." *Pharmacol Ther* **91**(1): 1-34.
- Zhang, L., N. Yang, et al. (2003). "Vector-based RNAi, a novel tool for isoform-specific knock-down of VEGF and anti-angiogenesis gene therapy of cancer." *Biochem Biophys Res Commun* **303**(4): 1169-78.
- Zhu, H. J. and A. W. Burgess (2001). "Regulation of transforming growth factor-beta signaling." *Mol Cell Biol Res Commun* **4**(6): 321-30.
- Zhu, H. J. and A. M. Sizeland (1999). "A pivotal role for the transmembrane domain in transforming growth factor-beta receptor activation." *J Biol Chem* **274**(17): 11773-81.