

6 References

- Akashi, K., Traver, D., Kondo, M. and Weissman, I.L.** (1999) Lymphoid development from hematopoietic stem cells. *Int J Hematol*, 69, 217-226.
- Albrecht, J.H. and Hansen, L.K.** (1999) Cyclin D1 promotes mitogen-independent cell cycle progression in hepatocytes. *Cell Growth Differ*, 10, 397-404.
- Albrecht, J.H., Hu, M.Y. and Cerra, F.B.** (1995) Distinct patterns of cyclin D1 regulation in models of liver regeneration and human liver. *Biochem Biophys Res Commun*, 209, 648-655.
- Albrecht, J.H., Poon, R.Y., Ahonen, C.L., Rieland, B.M., Deng, C. and Crary, G.S.** (1998) Involvement of p21 and p27 in the regulation of CDK activity and cell cycle progression in the regenerating liver. *Oncogene*, 16, 2141-2150.
- Angel, P. and Karin, M.** (1991) The role of Jun, Fos and the AP-1 complex in cell-proliferation and transformation. *Biochim Biophys Acta*, 1072, 129-157.
- Behrens, A., Sibilio, M., David, J.P., Mohle-Steinlein, U., Tronche, F., Schutz, G. and Wagner, E.F.** (2002) Impaired postnatal hepatocyte proliferation and liver regeneration in mice lacking c-jun in the liver. *Embo J*, 21, 1782-1790.
- Birchmeier, C., Birchmeier, W., Gherardi, E. and Vande Woude, G.F.** (2003) Met, metastasis, motility and more. *Nat Rev Mol Cell Biol*, 4, 915-925.
- Birnboim, H.C. and Doly, J.** (1979) A rapid alkaline extraction procedure for screening recombinant plasmid DNA. *Nucleic Acids Res*, 7, 1513-1523.
- Bladt, F., Riethmacher, D., Isenmann, S., Aguzzi, A. and Birchmeier, C.** (1995) Essential role for the c-met receptor in the migration of myogenic precursor cells into the limb bud. *Nature*, 376, 768-771.
- Boccaccio, C., Ando, M., Tamagnone, L., Bardelli, A., Michieli, P., Battistini, C. and Comoglio, P.M.** (1998) Induction of epithelial tubules by growth factor HGF depends on the STAT pathway. *Nature*, 391, 285-288.
- Borowiak, M., Garratt, A.N., Wustefeld, T., Strehle, M., Trautwein, C. and Birchmeier, C.** (2004) Met provides essential signals for liver regeneration. *Proc Natl Acad Sci U S A*, 101, 10608-10613.
- Bradford, M.M.** (1976) A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding. *Anal Biochem*, 72, 248-254.
- Braunwald E., Fauci A., Kasper D., Hauser S. and Jameson D.J.** (1998) *Hepatic Steatosis (Fatty Liver) and Steatohepatitis*. McGraw-Hill, New York.
- Bucher, M.L. and Swaffield, M.N.** (1975) Regulation of hepatic regeneration in rats by synergistic action of insulin and glucagon. *Proc Natl Acad Sci U S A*, 72, 1157-1160.
- Burgoyne, L.A., Hewish, D.R. and Mobbs, J.** (1974) Mammalian chromatin substructure studies with the calcium-magnesium endonuclease and two-dimensional polyacrylamide-gel electrophoresis. *Biochem J*, 143, 67-72.
- Cohen, P. and Frame, S.** (2001) The renaissance of GSK3. *Nat Rev Mol Cell Biol*, 2, 769-776.
- Cressman, D.E., Greenbaum, L.E., DeAngelis, R.A., Ciliberto, G., Furth, E.E., Poli, V. and Taub, R.** (1996) Liver failure and defective hepatocyte regeneration in interleukin-6-deficient mice. *Science*, 274, 1379-1383.
- Danilkovitch-Miagkova, A. and Zbar, B.** (2002) Dysregulation of Met receptor tyrosine kinase activity in invasive tumors. *J. Clin. Invest.*, 109, 863-867.

- Datto, M.B., Li, Y., Panus, J.F., Howe, D.J., Xiong, Y. and Wang, X.F.** (1995) Transforming growth factor beta induces the cyclin-dependent kinase inhibitor p21 through a p53-independent mechanism. *Proc Natl Acad Sci U S A*, 92, 5545-5549.
- Diehl, A.M. and Rai, R.M.** (1996) Liver regeneration 3: Regulation of signal transduction during liver regeneration. *Faseb J*, 10, 215-227.
- Diehl, J.A., Cheng, M., Roussel, M.F. and Sherr, C.J.** (1998) Glycogen synthase kinase-3beta regulates cyclin D1 proteolysis and subcellular localization. *Genes Dev*, 12, 3499-3511.
- Dulic, V., Lees, E. and Reed, S.I.** (1992) Association of human cyclin E with a periodic G1-S phase protein kinase. *Science*, 257, 1958-1961.
- el-Deiry, W.S., Tokino, T., Velculescu, V.E., Levy, D.B., Parsons, R., Trent, J.M., Lin, D., Mercer, W.E., Kinzler, K.W. and Vogelstein, B.** (1993) WAF1, a potential mediator of p53 tumor suppression. *Cell*, 75, 817-825.
- Fang, F. and Newport, J.W.** (1991) Evidence that the G1-S and G2-M transitions are controlled by different cdc2 proteins in higher eukaryotes. *Cell*, 66, 731-742.
- Fero, M.L., Rivkin, M., Tasch, M., Porter, P., Carow, C.E., Firpo, E., Polyak, K., Tsai, L.H., Broudy, V., Perlmutter, R.M., Kaushansky, K. and Roberts, J.M.** (1996) A syndrome of multiorgan hyperplasia with features of gigantism, tumorigenesis, and female sterility in p27(Kip1)-deficient mice. *Cell*, 85, 733-744.
- Fixman, E.D., Fournier, T.M., Kamikura, D.M., Naujokas, M.A. and Park, M.** (1996) Pathways downstream of Shc and Grb2 are required for cell transformation by the tpr-Met oncoprotein. *J Biol Chem*, 271, 13116-13122.
- Garcia-Guzman, M., Dolfi, F., Zeh, K. and Vuori, K.** (1999) Met-induced JNK activation is mediated by the adapter protein Crk and correlates with the Gab1 - Crk signaling complex formation. *Oncogene*, 18, 7775-7786.
- Gautier, J., Norbury, C., Lohka, M., Nurse, P. and Maller, J.** (1988) Purified maturation-promoting factor contains the product of a Xenopus homolog of the fission yeast cell cycle control gene cdc2+. *Cell*, 54, 433-439.
- Gavrieli, Y., Sherman, Y. and Ben-Sasson, S.A.** (1992) Identification of programmed cell death in situ via specific labeling of nuclear DNA fragmentation. *J Cell Biol*, 119, 493-501.
- Gerlach, C., Golding, M., Larue, L., Alison, M.R. and Gerdes, J.** (1997) Ki-67 immunoexpression is a robust marker of proliferative cells in the rat. *Lab Invest*, 77, 697-698.
- Gherardi, E., Youles, M.Y., Miguel, R.N., Blundell, T.L., Iamele, L., Gough, J., Bandyopadhyay, A., Hartmann, G. and Butler, P.J.C.** (2003) Functional map and domain structure of the MET (HGF/SF) receptor. *Proc. Natl. Acad. Sci. U. S. A.*, in press.
- Graziani, A., Gramaglia, D., Cantley, L.C. and Comoglio, P.M.** (1991) The tyrosine-phosphorylated hepatocyte growth factor/scatter factor receptor associates with phosphatidylinositol 3-kinase. *J Biol Chem*, 266, 22087-22090.
- Greenbaum, L.E., Li, W., Cressman, D.E., Peng, Y., Ciliberto, G., Poli, V. and Taub, R.** (1998) CCAAT enhancer-binding protein beta is required for normal hepatocyte proliferation in mice after partial hepatectomy. *J Clin Invest*, 102, 996-1007.
- Grompe, M.** (2001) Liver repopulation for the treatment of metabolic diseases. *J Inherit Metab Dis*, 24, 231-244.

- Gu, H., Marth, J.D., Orban, P.C., Mossmann, H. and Rajewsky, K.** (1994) Deletion of a DNA polymerase beta gene segment in T cells using cell type-specific gene targeting. *Science*, 265, 103-106.
- Harbour, J.W. and Dean, D.C.** (2000a) Rb function in cell-cycle regulation and apoptosis. *Nat Cell Biol*, 2, E65-67.
- Harbour, J.W. and Dean, D.C.** (2000b) The Rb/E2F pathway: expanding roles and emerging paradigms. *Genes Dev*, 14, 2393-2409.
- Hartmann, G., Prospero, T., Brinkmann, V., Ozcelik, C., Winter, G., Hepple, J., Batley, S., Bladt, F., Sachs, M., Birchmeier, C., Birchmeier, W., Gherardi, E. and Ozcelik, O.** (1998) Engineered mutants of HGF/SF with reduced binding to heparan sulphate proteoglycans, decreased clearance and enhanced activity in vivo. *Curr Biol*, 8, 125-134.
- Hibi, M., Murakami, M., Saito, M., Hirano, T., Taga, T. and Kishimoto, T.** (1990) Molecular cloning and expression of an IL-6 signal transducer, gp130. *Cell*, 63, 1149-1157.
- Hirano, T., Ishihara, K. and Hibi, M.** (2000) Roles of STAT3 in mediating the cell growth, differentiation and survival signals relayed through the IL-6 family of cytokine receptors. *Oncogene*, 19, 2548-2556.
- Hogan, B., Beddington, R., Constantini, F. and Lacy, E.** (1994) *Manipulating The Mouse Embryo - A Laboratory Manual*. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York 11803-2500, USA.
- Hooper, M., Hardy, K., Handyside, A., Hunter, S. and Monk, M.** (1987) HPRT-deficient (Lesch-Nyhan) mouse embryos derived from germline colonization by cultured cells. *Nature*, 326, 292-295.
- Iakova, P., Awad, S.S. and Timchenko, N.A.** (2003) Aging reduces proliferative capacities of liver by switching pathways of C/EBPalpha growth arrest. *Cell*, 113, 495-506.
- Innis, M.A., Gelfand, D.H. and Sninsky, J.J.** (eds.). (1989) *PCR Protocols: A Guide To Methods And Applications*. Academic Press, San Diego, CA 92101-4495, USA.
- Ishiki, Y., Ohnishi, H., Muto, Y., Matsumoto, K. and Nakamura, T.** (1992) Direct evidence that hepatocyte growth factor is a hepatotrophic factor for liver regeneration and has a potent antihepatitis effect in vivo. *Hepatology*, 16, 1227-1235.
- Jerpseth, B., Greener, A., Short, J.M., Viola, J. and Kretz, P.** (1992) XL1-Blue MRF' E. coli cells: McrA-, McrCB-, McrF-, Mrr-, HsdR- derivative of XL1-Blue cells. *Stratagies*, 5, 81-83.
- Joyner, A.L.** (1999) *Gene Targeting: A Practical Approach*. Oxford University Press, Oxford, United Kingdom.
- Juliano, R.** (2003) Movin' on through with Cdc2. *Nat Cell Biol*, 5, 589-590.
- Kaibori, M., Kwon, A.H., Oda, M., Kamiyama, Y., Kitamura, N. and Okumura, T.** (1998) Hepatocyte growth factor stimulates synthesis of lipids and secretion of lipoproteins in rat hepatocytes. *Hepatology*, 27, 1354-1361.
- Kirillova, I., Chaisson, M. and Fausto, N.** (1999) Tumor necrosis factor induces DNA replication in hepatic cells through nuclear factor kappaB activation. *Cell Growth Differ*, 10, 819-828.
- Kühn, R., Rajewsky, K. and Müller, W.** (1991) Generation and analysis of interleukin-4 deficient mice. *Science*, 254, 707-710.
- Kuhn, R., Schwenk, F., Aguet, M. and Rajewsky, K.** (1995) Inducible gene targeting in mice. *Science*, 269, 1427-1429.

- Kuhn, R. and Torres, R.M.** (2002) Cre/loxP recombination system and gene targeting. *Methods Mol Biol*, 180, 175-204.
- Kurki, P., Ogata, K. and Tan, E.M.** (1988) Monoclonal antibodies to proliferating cell nuclear antigen (PCNA)/cyclin as probes for proliferating cells by immunofluorescence microscopy and flow cytometry. *J Immunol Methods*, 109, 49-59.
- Lee, J.C., Laydon, J.T., McDonnell, P.C., Gallagher, T.F., Kumar, S., Green, D., McNulty, D., Blumenthal, M.J., Heys, J.R., Landvatter, S.W. and et al.** (1994) A protein kinase involved in the regulation of inflammatory cytokine biosynthesis. *Nature*, 372, 739-746.
- Leonard, E.J. and Danilkovitch, A.** (2000) Macrophage stimulating protein. *Adv Cancer Res*, 77, 139-167.
- Levine, A.J.** (1997) p53, the cellular gatekeeper for growth and division. *Cell*, 88, 323-331.
- Liu, M.L., Mars, W.M., Zarnegar, R. and Michalopoulos, G.K.** (1994) Uptake and distribution of hepatocyte growth factor in normal and regenerating adult rat liver. *Am J Pathol*, 144, 129-140.
- Lokker, N.A., Mark, M.R., Luis, E.A., Bennett, G.L., Robbins, K.A., Baker, J.B. and Godowski, P.J.** (1992) Structure-function analysis of hepatocyte growth factor: identification of variants that lack mitogenic activity yet retain high affinity receptor binding. *Embo J.*, 11, 2503-2510.
- Loyer, P., Cariou, S., Glaise, D., Bilodeau, M., Baffet, G. and Guguen-Guillouzo, C.** (1996) Growth factor dependence of progression through G1 and S phases of adult rat hepatocytes in vitro. Evidence of a mitogen restriction point in mid-late G1. *J Biol Chem*, 271, 11484-11492.
- Luedde, T., Rodriguez, M.E., Tacke, F., Xiong, Y., Brenner, D.A. and Trautwein, C.** (2003) p18(INK4c) collaborates with other CDK-inhibitory proteins in the regenerating liver. *Hepatology*, 37, 833-841.
- Macleod, K.F., Sherry, N., Hannon, G., Beach, D., Tokino, T., Kinzler, K., Vogelstein, B. and Jacks, T.** (1995) p53-dependent and independent expression of p21 during cell growth, differentiation, and DNA damage. *Genes Dev*, 9, 935-944.
- Maina, F. and Klein, R.** (1999) Hepatocyte growth factor, a versatile signal for developing neurons. *Nat. Neurosci.*, 2, 213-217.
- Mansour, S.L., Thomas, K.R. and Capecchi, M.R.** (1988) Disruption of the proto-oncogene int-2 in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes. *Nature*, 336, 348-352.
- Marsh, J.L., Erfle, M. and Wykes, E.J.** (1984) The pIC plasmid and phage vectors with versatile cloning sites for recombinant selection by insertional inactivation. *Gene*, 32, 481-485.
- Matsumoto, K. and Nakamura, T.** (1993) Roles of HGF as a pleiotropic factor in organ regeneration. *Exs*, 65, 225-249.
- Miyazawa, K., Tsubouchi, H., Naka, D., Takahashi, K., Okigaki, M., Arakaki, N., Nakayama, H., Hirono, S., Sakiyama, O., Takahashi, K. and et, a.l.** (1989) Molecular cloning and sequence analysis of cDNA for human hepatocyte growth factor. *Biochem. Biophys. Res. Commun.*, 163, 967-973.
- Murray, A.W.** (2004) Recycling the cell cycle: cyclins revisited. *Cell*, 116, 221-234.
- Nakamura, T., Nishizawa, T., Hagiya, M., Seki, T., Shimonishi, M., Sugimura, A., Tashiro, K. and Shimizu, S.** (1989) Molecular cloning and expression of human hepatocyte growth factor. *Nature*, 342, 440-443.

- Nakayama, K., Nagahama, H., Minamishima, Y.A., Matsumoto, M., Nakamichi, I., Kitagawa, K., Shirane, M., Tsunematsu, R., Tsukiyama, T., Ishida, N., Kitagawa, M. and Hatakeyama, S.** (2000) Targeted disruption of Skp2 results in accumulation of cyclin E and p27(Kip1), polyploidy and centrosome overduplication. *Embo J*, 19, 2069-2081.
- Nicholson, D.W., Ali, A., Thornberry, N.A., Vaillancourt, J.P., Ding, C.K., Gallant, M., Gareau, Y., Griffin, P.R., Labelle, M., Lazebnik, Y.A. and et al.** (1995) Identification and inhibition of the ICE/CED-3 protease necessary for mammalian apoptosis. *Nature*, 376, 37-43.
- Ohira, H., Miyata, M., Kuroda, M., Takagi, T., Tojo, J., Ochiai, H., Kokubun, M., Nishimaki, T., Kasukawa, R. and Obara, K.** (1996) Interleukin-6 induces proliferation of rat hepatocytes in vivo. *J Hepatol*, 25, 941-947.
- Overturf, K., al-Dhalimy, M., Ou, C.N., Finegold, M. and Grompe, M.** (1997) Serial transplantation reveals the stem-cell-like regenerative potential of adult mouse hepatocytes. *Am J Pathol*, 151, 1273-1280.
- Park, M., Dean, M., Cooper, C.S., Schmidt, M., O'Brien, S.J., Blair, D.G. and Vande, W.G.** (1986) Mechanism of met oncogene activation. *Cell*, 45, 895-904.
- Pelicci, G., Giordano, S., Zhen, Z., Salcini, A.E., Lanfrancone, L., Bardelli, A., Panayotou, G., Waterfield, M.D., Ponzetto, C., Pelicci, P.G. and et al.** (1995) The motogenic and mitogenic responses to HGF are amplified by the Shc adaptor protein. *Oncogene*, 10, 1631-1638.
- Picard, C., Lambotte, L., Starkel, P., Sempoux, C., Saliez, A., Van den Berge, V. and Horsmans, Y.** (2002) Steatosis is not sufficient to cause an impaired regenerative response after partial hepatectomy in rats. *J Hepatol*, 36, 645-652.
- Pomerantz, J., Schreiber-Agus, N., Liegeois, N.J., Silverman, A., Alland, L., Chin, L., Potes, J., Chen, K., Orlow, I., Lee, H.W., Cordon-Cardo, C. and DePinho, R.A.** (1998) The Ink4a tumor suppressor gene product, p19Arf, interacts with MDM2 and neutralizes MDM2's inhibition of p53. *Cell*, 92, 713-723.
- Ponzetto, C., Bardelli, A., Zhen, Z., Maina, F., dalla, Z.P., Giordano, S., Graziani, A., Panayotou, G. and Comoglio, P.M.** (1994) A multifunctional docking site mediates signaling and transformation by the hepatocyte growth factor/scatter factor receptor family. *Cell*, 77, 261-271.
- Ramirez-Solis, R., Rivera-Perez, J., Wallace, J.D., Wims, M., Zheng, H. and Bradley, A.** (1992) Genomic DNA microextraction: a method to screen numerous samples. *Anal Biochem*, 201, 331-335.
- Roos, F., Ryan, A.M., Chamow, S.M., Bennett, G.L. and Schwall, R.H.** (1995) Induction of liver growth in normal mice by infusion of hepatocyte growth factor/scatter factor. *Am J Physiol*, 268, G380-386.
- Roovers, K. and Assoian, R.K.** (2000) Integrating the MAP kinase signal into the G1 phase cell cycle machinery. *Bioessays*, 22, 818-826.
- Rozga, J.** (2002) Hepatocyte proliferation in health and in liver failure. *Med Sci Monit*, 8, RA32-38.
- Russell, W.E., Kaufmann, W.K., Sitaric, S., Luetkeke, N.C. and Lee, D.C.** (1996) Liver regeneration and hepatocarcinogenesis in transforming growth factor-alpha-targeted mice. *Mol Carcinog*, 15, 183-189.
- Sachs, M., Brohmann, H., Zechner, D., Muller, T., Hulsken, J., Walther, I., Schaeper, U., Birchmeier, C. and Birchmeier, W.** (2000) Essential role of Gab1 for signaling by the c-Met receptor in vivo. *J. Cell Biol.*, 150, 1375-1384.

- Saiki, R.K., Scharf, S., Faloona, F., Mullis, K.B., Horn, G.T., Erlich, H.A. and Arnheim, N.** (1985) Enzymatic amplification of beta-globin genomic sequences and restriction site analysis for diagnosis of sickle cell anemia. *Science*, 230, 1350-1354.
- Sakamoto, T., Liu, Z., Murase, N., Ezure, T., Yokomuro, S., Poli, V. and Demetris, A.J.** (1999) Mitosis and apoptosis in the liver of interleukin-6-deficient mice after partial hepatectomy. *Hepatology*, 29, 403-411.
- Sambrook, J. and Russell, D.W.** (2001) *Molecular Cloning: A Laboratory Manual*. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York 11803-2500, USA.
- Sanderson, N., Factor, V., Nagy, P., Kopp, J., Kondaiah, P., Wakefield, L., Roberts, A.B., Sporn, M.B. and Thorgeirsson, S.S.** (1995) Hepatic expression of mature transforming growth factor beta 1 in transgenic mice results in multiple tissue lesions. *Proc Natl Acad Sci U S A*, 92, 2572-2576.
- Sanger, F., Nicklen, S. and Coulson, A.R.** (1977) DNA sequencing with chain-terminating inhibitors. *Proc Natl Acad Sci U S A*, 74, 5463-5467.
- Schmidt, C., Bladt, F., Goedecke, S., Brinkmann, V., Zschesche, W., Sharpe, M., Gherardi, E. and Birchmeier, C.** (1995) Scatter factor/hepatocyte growth factor is essential for liver development. *Nature*, 373, 699-702.
- Schwall, R.H., Robbins, K., Jardieu, P., Chang, L., Lai, C. and Terrell, T.G.** (1993) Activin induces cell death in hepatocytes in vivo and in vitro. *Hepatology*, 18, 347-356.
- Schwenk, F., Baron, U. and Rajewsky, K.** (1995) A cre-transgenic mouse strain for the ubiquitous deletion of loxP-flanked gene segments including deletion in germ cells. *Nucleic Acids Res*, 23, 5080-5081.
- Servillo, G., Della Fazia, M.A. and Sassone-Corsi, P.** (1998) Transcription factor CREM coordinates the timing of hepatocyte proliferation in the regenerating liver. *Genes Dev*, 12, 3639-3643.
- Sherr, C.J.** (1996) Cancer cell cycles. *Science*, 274, 1672-1677.
- Sherr, C.J. and Roberts, J.M.** (1999) CDK inhibitors: positive and negative regulators of G1-phase progression. *Genes Dev*, 13, 1501-1512.
- Southern, E.M.** (1975) Detection of specific sequences among DNA fragments separated by gel electrophoresis. *J Mol Biol*, 98, 503-517.
- Steiling, H., Wustefeld, T., Bugnon, P., Brauchle, M., Fassler, R., Teupser, D., Thiery, J., Gordon, J.I., Trautwein, C. and Werner, S.** (2003) Fibroblast growth factor receptor signalling is crucial for liver homeostasis and regeneration. *Oncogene*, 22, 4380-4388.
- Stoker, M., Gherardi, E., Perryman, M. and Gray, J.** (1987) Scatter factor is a fibroblast-derived modulator of epithelial cell mobility. *Nature*, 327, 239-242.
- Tabor, S. and Richardson, C.C.** (1987) DNA sequence analysis with a modified bacteriophage T7 DNA polymerase. *Proc Natl Acad Sci U S A*, 84, 4767-4771.
- Thomas, K.R. and Capecchi, M.R.** (1987) Site-directed mutagenesis by gene targeting in mouse embryo-derived stem cells. *Cell*, 51, 503-512.
- Timchenko, N.A., Wilde, M., Nakanishi, M., Smith, J.R. and Darlington, G.J.** (1996) CCAAT/enhancer-binding protein alpha (C/EBP alpha) inhibits cell proliferation through the p21 (WAF-1/CIP-1/SDI-1) protein. *Genes Dev*, 10, 804-815.
- Toker, A. and Newton, A.C.** (2000) Akt/protein kinase B is regulated by autophosphorylation at the hypothetical PDK-2 site. *J Biol Chem*, 275, 8271-8274.

- Trimarchi, J.M. and Lees, J.A.** (2002) Sibling rivalry in the E2F family. *Nat Rev Mol Cell Biol*, 3, 11-20.
- van Dam, H., Huguier, S., Kooistra, K., Baguet, J., Vial, E., van der Eb, A.J., Herrlich, P., Angel, P. and Castellazzi, M.** (1998) Autocrine growth and anchorage independence: two complementing Jun-controlled genetic programs of cellular transformation. *Genes Dev*, 12, 1227-1239.
- Wang, X., DeFrances, M.C., Dai, Y., Padiaditakis, P., Johnson, C., Bell, A., Michalopoulos, G.K. and Zarnegar, R.** (2002a) A mechanism of cell survival: sequestration of Fas by the HGF receptor Met. *Mol Cell*, 9, 411-421.
- Wang, X., Kiyokawa, H., Dennewitz, M.B. and Costa, R.H.** (2002b) The Forkhead Box m1b transcription factor is essential for hepatocyte DNA replication and mitosis during mouse liver regeneration. *Proc Natl Acad Sci U S A*, 99, 16881-16886.
- Weber, H., Taylor, D.S. and Molloy, C.J.** (1994) Angiotensin II induces delayed mitogenesis and cellular proliferation in rat aortic smooth muscle cells. Correlation with the expression of specific endogenous growth factors and reversal by suramin. *J Clin Invest*, 93, 788-798.
- Weglarz, T.C., Degen, J.L. and Sandgren, E.P.** (2000) Hepatocyte transplantation into diseased mouse liver. Kinetics of parenchymal repopulation and identification of the proliferative capacity of tetraploid and octaploid hepatocytes. *Am J Pathol*, 157, 1963-1974.
- Weidner, K.M., Dicesare, S., Sachs, M., Brinkmann, V., Behrens, J. and Birchmeier, W.** (1996) Interaction between *gab1* and the *c met* receptor tyrosine kinase is responsible for epithelial morphogenesis. *Nature*, 384, 173-176.
- Weidner, K.M., Sachs, M. and Birchmeier, W.** (1993) The Met receptor tyrosine kinase transduces motility, proliferation, and morphogenic signals of scatter factor/hepatocyte growth factor in epithelial cells. *J Cell Biol*, 121, 145-154.
- Weinberg, R.A.** (1995) The retinoblastoma protein and cell cycle control. *Cell*, 81, 323-330.
- Westwick, J.K., Weitzel, C., Leffert, H.L. and Brenner, D.A.** (1995) Activation of Jun kinase is an early event in hepatic regeneration. *J Clin Invest*, 95, 803-810.
- Whitmarsh, A.J. and Davis, R.J.** (1996) Transcription factor AP-1 regulation by mitogen-activated protein kinase signal transduction pathways. *J Mol Med*, 74, 589-607.
- Wüstefeld, T., Klein, C., Streetz, K.L., Betz, U., Lauber, J., Buer, J., Manns, M.P., Muller, W. and Trautwein, C.** (2003) Interleukin-6/glycoprotein 130-dependent pathways are protective during liver regeneration. *J Biol Chem*, 278, 11281-11288.
- Yamada, Y., Kirillova, I., Peschon, J.J. and Fausto, N.** (1997) Initiation of liver growth by tumor necrosis factor: deficient liver regeneration in mice lacking type I tumor necrosis factor receptor. *Proc Natl Acad Sci U S A*, 94, 1441-1446.
- Yanagita, K., Nagaike, M., Ishibashi, H., Niho, Y., Matsumoto, K. and Nakamura, T.** (1992) Lung may have an endocrine function producing hepatocyte growth factor in response to injury of distal organs. *Biochem Biophys Res Commun*, 182, 802-809.
- Zarnegar, R.** (1995) Regulation of HGF and HGFR gene expression. *Exs*, 74, 33-49.
- Zarnegar, R., DeFrances, M.C., Kost, D.P., Lindroos, P. and Michalopoulos, G.K.** (1991) Expression of hepatocyte growth factor mRNA in regenerating rat liver after partial hepatectomy. *Biochem Biophys Res Commun*, 177, 559-565.

- Zarnegar, R. and Michalopoulos, G.** (1989) Purification and biological characterization of human hepatopoietin A, a polypeptide growth factor for hepatocytes. *Cancer Res.*, 49, 3314-3320.
- Zhang, Y.W., Wang, L.M., Jove, R. and Vande Woude, G.F.** (2002) Requirement of Stat3 signaling for HGF/SF-Met mediated tumorigenesis. *Oncogene*, 21, 217-226.