

## **7. Literaturverzeichnis**

Akslen LA, Livolsi VA: Increased angiogenesis in papillary thyroid carcinoma but lack of prognostic importance. *Hum Pathol* 31(4) (2000) 439-42

Amato RJ.: Renal cell carcinoma: review of novel single-agent therapeutics and combination regimens. *Ann Oncol* 16(1) (2005) 7-15

Ameri K, Lewis CE, Raida M, Sowter H, Hai T, Harris AL. : Anoxic induction of ATF-4 through HIF-1-independent pathways of protein stabilization in human cancer cells. *Blood* 103(5) (2004) 1876-82

Amin MB, Amin MB, Tamboli P, Javidan J, Stricker H, de-Peralta Venturina M, Deshpande A, Menon M.: Prognostic impact of histologic subtyping of adult renal epithelial neoplasms: an experience of 405 cases. *Am J Surg Pathol* 26(3) (2002) 281-91

Arbeitsgemeinschaft Bevölkerungsbezogener Krebsregister in Deutschland (Hrsg): Krebs in Deutschland. Saarbrücken, 2004, S. 72-75

Beck SD, Patel MI, Snyder ME. Effect of papillary and chromophobe cell type on disease-free survival after nephrectomy for renal cell carcinoma. *Ann Surg Oncol (United States)* 11(1) (2004) 71-7

Benhamou S, Lenfant MH, Ory-Paoletti C, Flamant R: Risk factors in Renal cell carcinoma in a french case control study. *Int.-J-Cancer* 55(1) (1993) 32-6

Bialas M, Okon K, Czopek J.: Assessing microvessel density in gastric carcinoma: a comparison of three markers. *Pol J Pathol* 54(4) (2003) 249-52

Boeckmann W, Jakse G: Nierenzellkarzinome. In: Rübber H (Hrsg.): Uroonkologie. Springer, Berlin , Heidelberg , New York , 1993 , S.21-50

Bono AV, Celato N, Cova V, Salvatore M, Chinetti S, Novario R.: Microvessel density in prostate carcinoma. *Prostate Cancer Prostatic Dis* 5(2) (2002) 123-7

Bos R, Zhong H, Hanrahan CF, Mommers EC, Semenza GL, Pinedo HM, Abeloff MD, Simons JW, van Diest PJ, van der Wall E.: Levels of hypoxia-inducible factor-1 alpha during breast carcinogenesis. *J Natl Cancer Inst* 93(4) (2001) 309-14

Bos R, van Diest PJ, de Jong JS, van der Groep P, van der Valk P, van der Wall E.: Hypoxia-inducible factor-1alpha is associated with angiogenesis and expression of bFGF, PDGF-BB, and EGFR in invasive breast cancer. *Histopathology* 46(1) (2005) 31-6

Bretheau D, Lechevallier E, Eghazarian C, Grisoni V, Coulange C : Prognostic Significance of Incidental Renal Cell Carcinoma. *Eur Urol* 27 (1995) 319-323

Brown NJ, Smyth EA, Cross SS, Reed MW.: Angiogenesis induction and regression in human surgical wounds. *Wound Repair Regen* 10(4) (2002) 245-51

Cantu De Leon D, Lopez-Graniel C, Frias Mendivil M, Chanona Vilchis G, Gomez C, De La Garza Salazar J. : Significance of microvascular density (MVD) in cervical cancer recurrence. *Int J Gynecol Cancer* 13(6) (2003) 856-62.

Chalkley HW.: Method for quantitative morphologic analysis of tissues. *J Natl Cancer Inst* 4 (1943) 47-53

Chang SG, Jeon SH, Lee SJ, Choi JM, Kim YW.: Clinical significance of urinary vascular endothelial growth factor and microvessel density in patients with renal cell carcinoma. *Urology* 58(6) (2001) 904-8

Chantrain CF, DeClerck YA, Groshen S, McNamara G.: Computerized quantification of tissue vascularization using high-resolution slide scanning of whole tumor sections. *J Histochem Cytochem* 51(2) (2003) 151-8

Chaudhary R, Bromley M, Clarke NW, Betts CD, Barnard RJ, Ryder WD, Kumar S: Prognostic relevance of micro-vessel density in cancer of the urinary bladder. *Anticancer Res* 19(4C) (1999) 3479-84

Cheville JC, Lohse CM, Zincke H, Weaver AL, Blute ML.: Comparisons of outcome and prognostic features among histologic subtypes of renal cell carcinoma. *Am J Surg Pathol* 27(5) (2003) 612-24

Cooper RA, Wilks DP, Logue JP, Davidson SE, Hunter RD, Roberts SA, West CM: High tumor angiogenesis is associated with poorer survival in carcinoma of the cervix treated with radiotherapy. *Clin Cancer Res* 4(11) (1998) 2795-800

Cruz D, Valenti C, Dias A, Seixas M, Schmitt F. : Microvessel density counting in breast cancer. Slides vs. digital images. *Anal Quant Cytol Histol* 23(1) (2001) 15-20

Dekel Y, Koren R, Kugel V, Livne PM, Gal R.: Significance of angiogenesis and microvascular invasion in renal cell carcinoma. *Pathol Oncol Res.* 8(2) (2002) 129-32

de la Taille A, Katz AE, Bagiella E, Buttyan R, Sharir S, Olsson CA, Burchardt T, Ennis RD, Rubin MA.: Microvessel density as a predictor of PSA recurrence after radical prostatectomy. A comparison of CD34 and CD31. *Am J Clin Pathol* 113(4) (2000) 555-62

Dt. Krebsgesellschaft: Kurzgefasste Interdisziplinäre Leitlinien 2002, 3. Auflage 2002

Ebbinghaus SW, Gordon MS.: Renal cell carcinoma: rationale and development of therapeutic inhibitors of angiogenesis. *Hematol Oncol Clin North Am* 18(5)(2004) 1143-59

Edwards JG, Cox G, Andi A, Jones JL, Walker RA, Waller DA, O'Byrne KJ.: Angiogenesis is an independent prognostic factor in malignant mesothelioma. *Br J Cancer* 85(6) (2001) 863-8

El-Sobky E, Gomha M, El-Baz M, Abol-Enein H, Shaaban AA.: Prognostic significance of tumour angiogenesis in schistosoma-associated adenocarcinoma of the urinary bladder. *BJU Int* 89(1) (2002) 126-32

Elsobky E, El-Baz M, Gomha M, Abol-Enein H, Shaaban AA.: Prognostic value of angiogenesis in schistosoma-associated squamous cell carcinoma of the urinary bladder. *Urology* 60(1) (2002) 69-73

Erdogan F, Demirel A, Polat O.: Prognostic significance of morphologic parameters in renal cell carcinoma. *Int J Clin Pract* 58(4) (2004) 333-6

Erenoglu C, Akin ML, Uluutku H, Tezcan L, Yildirim S, Batkin A: Angiogenesis predicts poor prognosis in gastric carcinoma. *Dig Surg* 17(6) (2000) 581-586

Ficarra V, Righetti R, Pilloni S, D'amico A, Maffei N, Novella G, Zanolla L, Malossini G, Mobilio G.: Prognostic factors in patients with renal cell carcinoma: retrospective analysis of 675 cases. *Eur Urol* 41(2) (2002) 190-8

Ficarra V, Prayer-Galetti T, Novella G, Bratti E, Maffei N, Dal Bianco M, Artibani W, Pagano F.: Incidental detection beyond pathological factors as prognostic predictor of renal cell carcinoma. *Eur Urol* 43(6)(2003) 663-9

Fischer CG: Etiology, pathogenesis and therapy of renal cell carcinoma. *Radiologe* 39(5) (1999) 343-9

Folkman J.: Tumor angiogenesis: therapeutic implications. *N Engl J Med* 285(21) (1971) 1182-6

Folkman J, Shing Y.: Angiogenesis. *J Biol Chem* 267(16) (1992) 10931-4

Folkman J.: Diagnostic and therapeutic applications of angiogenesis research. *C R Acad Sci III* 316(9) (1993) 909-18

Folkman J, Browder T, Palmblad J.: Angiogenesis research: guidelines for translation to clinical application. *Thromb Haemost* 86(1) (2001) 23-33.

Fox SB, Leek RD, Weekes MP, Whitehouse RM, Gatter KC, Harris AL.: Quantitation and prognostic value of breast cancer angiogenesis: comparison of microvessel density, Chalkley count, and computer image analysis. *J Pathol* 177(3) (1995) 275-83

Frank I, Blute ML, Cheville JC, Lohse CM, Weaver AL, Zincke H.: An outcome prediction model for patients with clear cell renal cell carcinoma treated with radical nephrectomy based on tumor stage, size, grade and necrosis:the SSIGN score. *J Urol* 168(6) (2002) 2395-400

Fridman V, Humblet C, Bonjean K, Boniver J: Assessment of tumor angiogenesis in invasive breast carcinomas: absence of correlation with prognosis and pathological factors. *Virchows Arch* 437(6) (2000) 611-7

Fujita Y, Mimata H, Nasu N, Nomura T, Nomura Y, Nakagawa M.: Involvement of adrenomedullin induced by hypoxia in angiogenesis in human renal cell carcinoma. *Int J Urol* 9(6) (2002) 285-95

Fuhrman SA, Lasky LC, Limas C.: Prognostic significance of morphologic parameters in renal cell carcinoma. *Am J Surg Pathol* 6(7)(1982) 655-63.

Galindo-Gallego M, Fernandez-Acenero MJ, Sanz-Ortega J, Aljama A, Lopez-Elzaurdia C: Prognostic significance of microvascular counts in rectal carcinoma. *Pathol Res Pract* 196(9) (2000) 607-12

Gasinska A, Urbanski K, Adamczyk A, Pudelek J, Lind BK, Brahme A.: Prognostic significance of intratumour microvessel density and haemoglobin level in carcinoma of the uterine cervix. *Acta Oncol* 41(5) (2002) 437-43

Gelb AB, Sudilovsky D, Wu CD, Weiss LM, Medeiros LJ: Appraisal of intratumoral microvessel density, MIB-1 score, DNA content, and p53 protein expression as prognostic indicators in patients with locally confined renal cell carcinoma. *Cancer* 80(9) (1997) 1768-75

Giatromanolaki A, Sivridis E, Koukourakis MI, Polychronidis A, Simopoulos C.: Prognostic role of angiogenesis in operable carcinoma of the gallbladder. *Am J Clin Oncol* 25(1) (2002) 38-41

Hagedorn HG, Nerlich AG: Microvessel density and endothelial basement membrane composition in laryngeal squamous cell carcinomas. *Acta Otolaryngol* 120(7) (2000) 891-8

Hansen S, Grabau DA, Rose C, Bak M, Sorensen FB.: Angiogenesis in breast cancer: a comparative study of the observer variability of methods for determining microvessel density. *Lab Invest* 78(12) (1998) 1563-73

Hemmerlein B, Kugler A, Ozisik R, Ringert RH, Radzun HJ, Thelen P.: Vascular endothelial growth factor expression, angiogenesis, and necrosis in renal cell carcinomas. *Virchows Arch* 439(5) (2001) 645-52.

Herbst C, Kosmehl H, Stiller KJ, Berndt A, Eiselt M, Schubert J, Katenkamp D.: Evaluation of microvessel density by computerised image analysis in human renal cell carcinoma. Correlation to pT category, nuclear grade, proliferative activity and occurrence of metastasis. *J Cancer Res Clin Oncol* 124(3-4) (1998) 141-7

Hochberg DA, Basillote JB, Armenakas NA, Vasovic L, Shevchuk M, Pareek G, Fracchia JA.: Decreased suburethral prostatic microvessel density in finasteride treated prostates: a possible mechanism for reduced bleeding in benign prostatic hyperplasia. *J Urol* 167(4) (2002) 1731-3

Hofmockel G, Tsatalpas P, Muller H, Dammrich J, Poot M, Maurer-Schultze B, Muller-Hermelink HK, Frohmuller HG, Bassukas ID.: Significance of conventional and new prognostic factors for locally confined renal cell carcinoma. *Cancer* 76(2)(1995) 296-306

Hollingsworth HC, Kohn EC, Steinberg SM, Rothenberg ML, Merino MJ: Tumor angiogenesis in advanced stage ovarian carcinoma. *Am J Pathol* 147(1) (1995) 33-41

Jadvapour N: Surgical Management of Renal Cancer. In : Jadvapour N (Hrsg.): *Cancer of the Kidney*. Thieme, New York, 1984, S.69-80

Jiang BH, Agani F, Passaniti A, Semenza GL.: V-SRC induces expression of hypoxia-inducible factor 1 (HIF-1) and transcription of genes encoding vascular endothelial growth factor and enolase 1: involvement of HIF-1 in tumor progression. *Cancer Res* 57(23) (1997) 5328-35.

Jones A, Fujiyama C, Turner K, Fuggle S, Cranston D, Turley H, Valtola R, Bicknell R, Harris AL: Angiogenesis and lymphangiogenesis in stage 1 germ cell tumours of the testis. *BJU Int* 86(1) (2000) 80-6

Jonjic N, Zamolo G, Stifter S, Fuckar D, Gruber F, Sasso F, Rizzardi C, Melato M.: Cytomorphological variations, proliferation and angiogenesis in the prognosis of cutaneous melanoma. *Clin Exp Dermatol* 28(3)(2003) 310-4

Joo HJ, Oh DK, Kim YS, Lee KB, Kim SJ.: Increased expression of caveolin-1 and microvessel density correlates with metastasis and poor prognosis in clear cell renal cell carcinoma. *BJU Int* 93(3) (2004) 291-6

Kaku T, Kamura T, Kinukawa N, Kobayashi H, Sakai K, Tsuruchi N, Saito T, Kawauchi S, Tsuneyoshi M, Nakano H: Angiogenesis in endometrial carcinoma. *Cancer* 80(4) (1997) 741-7

Kessler OJ, Livne PM, Servadio C: Bilateral asynchronous renal cell carcinoma. Treatment approach. *Isr-J-Med-Sci* 29(11) (1993) 721-5

Kinouchi T, Mano M, Matsuoka I, Kodama S, Aoki T, Okamoto M, Yamamura H, Usami M, Takahashi K.: Immature tumor angiogenesis in high-grade and high-stage renal cell carcinoma. *Urology* 62(4) (2003) 765-70

Kumar S, Witzig TE, Greipp PR, Rajkumar SV.: Bone marrow angiogenesis and circulating plasma cells in multiple myeloma. *Br J Haematol* 122(2) (2003) 272-4

Kuwai T, Kitadai Y, Tanaka S, Onogawa S, Matsutani N, Kaio E, Ito M, Chayama K.: Expression of hypoxia-inducible factor-1alpha is associated with tumor vascularization in human colorectal carcinoma. *Int J Cancer* 105(2) (2003) 176-81

Leibovich BC, Blute ML, Cheville JC, Lohse CM, Frank I, Kwon ED, Weaver AL, Parker AS, Zincke H.: Prediction of progression after radical nephrectomy for patients with clear cell renal cell carcinoma: a stratification tool for prospective clinical trials. *Cancer* 97(7) (2003) 1663-71

Leon SP, Folkerth RD, Black PM: Microvessel density is a prognostic indicator for patients with astroglial brain tumors. *Cancer* 77(2) (1996) 362-72

Li C, Gardy R, Seon BK, Duff SE, Abdalla S, Renehan A, O'Dwyer ST, Haboubi N, Kumar S.: Both high intratumoral microvessel density determined using CD105 antibody and elevated plasma levels of CD105 in colorectal cancer patients correlate with poor prognosis. *Br J Cancer* 88(9) (2003) 1424-31

Lidgren A, Hedberg Y, Grankvist K, Rasmuson T, Vasko J, Ljungberg B.: The expression of hypoxia-inducible factor 1alpha is a favorable independent prognostic factor in renal cell carcinoma. *Clin Cancer Res* 11(3) (2005) 1129-35

Liotta LA, Steeg PS, Stetler-Stevenson WG.: Cancer metastasis and angiogenesis: an imbalance of positive and negative regulation. *Cell* 64(2) (1991) 327-36

Lopez-Graniel CM, Tamez de Leon D, Meneses-Garcia A, Gomez-Ruiz C, Frias-Mendivil M, Granados-Garcia M, Barrera-Franco JL.: Tumor angiogenesis as a prognostic factor in oral cavity carcinomas. *J Exp Clin Cancer Res* 20(4) (2001) 463-8

Ludovini V, Sidoni A, Pistola L, Bellezza G, De Angelis V, Gori S, Mosconi AM, Bisagni G, Cherubini R, Bian AR, Rodino C, Sabbatini R, Mazzocchi B, Bucciarelli E, Tonato M, Colozza M.: Evaluation of the prognostic role of vascular endothelial growth factor and microvessel density in stages I and II breast cancer patients. *Breast Cancer Res Treat* 81(2) (2003) 159-68

MacLennan GT, Bostwick DG: Microvessel density in renal cell carcinoma: lack of prognostic significance. *Urology* 46(1) (1995) 27-30

Malek RS, Omess PJ, Benson RC Jr, Zinke H: Renal cell carcinoma in vonHippel-Lindau Syndrome. *Am-J-Med* 82 (1987) 236-240

Mandriota SJ, Turner KJ, Davies DR, Murray PG, Morgan NV, Sowter HM, Wykoff CC, Maher ER, Harris AL, Ratcliffe PJ, Maxwell PH.: HIF activation identifies early lesions in VHL kidneys: evidence for site-specific tumor suppressor function in the nephron. *Cancer Cell* 1(5) (2002) 459-68

Manoonkitiwongsa PS, Jackson-Friedman C, McMillan PJ, Schultz RL, Lyden PD.: Angiogenesis after stroke is correlated with increased numbers of macrophages:the clean-up hypothesis. *J Cereb Blood Flow Metab* 21(10) (2001) 1223-31.

Massi D, Franchi A, Borgognoni L, Paglierani M, Reali UM, Santucci M.: Tumor angiogenesis as a prognostic factor in thick cutaneous malignant melanoma. A quantitative morphologic analysis. *Virchows Arch* 440(1) (2002) 22-8

Mattern, J, Volm M: Microvessel density and vaskular endothelial growth factor expression in tumors of different lokalization. *Oncol. Rep* 3 (1996) 465-468

Maxwell PH, Dachs GU, Gleadle JM, Nicholls LG, Harris AL, Stratford IJ, Hankinson O, Pugh CW, Ratcliffe PJ.: Hypoxia-inducible factor-1 modulates gene expression in solid tumors and influences both angiogenesis and tumor growth. *Proc Natl Acad Sci U S A* 94(15) (1997) 8104-9.

Maxwell PH, Wiesener MS, Chang GW, Clifford SC, Vaux EC, Cockman ME, Wykoff CC, Pugh CW, Maher ER, Ratcliffe PJ.: The tumour suppressor protein VHL targets hypoxia-inducible factors for oxygen-dependent proteolysis. *Nature* 399(6733) (1999) 271-5

McLaughlin JK, Lipworth L: Epidemiologic aspects of renal cell cancer. *Semin Oncol* 27(2) (2000) 115-23

Meert AP, Paesmans M, Martin B, Delmotte P, Berghmans T, Verdebout JM, Lafitte JJ, Mascaux C, Sculier JP. : The role of microvessel density on the survival of patients with lung cancer: a systematic review of the literature with meta-analysis. *Br J Cancer* 87(7) (2002) 694-701

Mellemgaard A, Carstensen B, Nogaard N, Knudsen JB, Olsen JH : Trends in the Incidence of Cancer of the Kidney, Pelvis, Uterus and Bladder in Denmark 1984-88. *Scand J Urol Nephrol* 27 (1993) 327-332

Minervini A, Di Cristofano C, Collecchi P, Salinitri G, Selli C, Bevilacqua G, Minervini R, Cavazzana A.: Intracapsular clear cell renal carcinoma: ploidy status improves the prognostic value of the 2002 TNM classification. *J Urol* 174(2005) 1203-7

Mostofi FK: Histological typing of the kidney tumors. International Histological Classification of Tumors No 25. Geneva: World Health Organisation, 1981

Moul JW: Angiogenesis, p53, bcl-2 and Ki-67 in the progression of prostate cancer after radical prostatectomy. *Eur Urol* 35(5-6) (1999) 399-407

Murphy WM, Grignon DJ, Perlman EJ: Tumors of the Kidney, Bladder and related urinary Structures. American Registry of Pathology, Washington, 2004, S.123-130

Na X, Wu G, Ryan CK, Schoen SR, di'Santagnese PA, Messing EM.: Overproduction of vascular endothelial growth factor related to von Hippel-Lindau tumor suppressor gene mutations and hypoxia-inducible factor-1 alpha expression in renal cell carcinomas. *J Urol* 170(2 Pt 1) (2003) 588-92

Nakagawa S, Nishimaki T, Suzuki T, Kanda T, Kuwabara S, Hatakeyama K: Tumor angiogenesis as an independent prognostic factor after extended radical esophagectomy for invasive squamous cell carcinoma of the esophagus. *Surgery* 129(3) (2001) 302-8

Nakano E, Iwasaki A, Seguchi T et al.: Incidentally diagnosed renal cell carcinomas. *Eur Urol* 21 (1992) 294-8

Nakayama K, Kanzaki A, Takebayashi Y, Toi M, Bando H, Nabei T, Miyazaki K, Fukumoto M.: Different features of angiogenesis between ovarian and breast carcinoma. *Cancer Lett* 170(2) (2001) 161-7

Nativ O, Sabo E, Reiss A, Wald M, Madjar S, Moskovitz B: Clinical significance of tumor angiogenesis in patients with localized renal cell carcinoma. *Urology* 51(5) (1998) 693-6

Niedergethmann M, Hildenbrand R, Wolf G, Verbeke CS, Richter A, Post S: Angiogenesis and cathepsin expression are prognostic factors in pancreatic adenocarcinoma after curative resection. *Int J Pancreatol* 28(1) (2000) 31-9

Oda T, Takahashi A, Miyao N, Yanase M, Masumori N, Itoh N, Sato MA, Kon S, Tsukamoto T.: Cell proliferation, apoptosis, angiogenesis and growth rate of incidentally found renal cell carcinoma. *Int J Urol* 10(1) (2003) 13-8

O'Byrne KJ, Koukourakis MI, Giatromanolaki A, Cox G, Turley H, Steward WP, Gatter K, Harris AL: Vascular endothelial growth factor, platelet-derived endothelial cell growth factor and angiogenesis in non-small-cell lung cancer. *Br J Cancer* 82(8) (2000) 1427-32

Offersen BV, Pfeiffer P, Hamilton-Dutoit S, Overgaard J: Patterns of angiogenesis in nonsmall-cell lung carcinoma. *Cancer* 91(8) (2001) 1500-9

Offersen BV, Knap MM, Marcussen N, Horsman MR, Hamilton-Dutoit S, Overgaard J.: Intense inflammation in bladder carcinoma is associated with angiogenesis and indicates good prognosis. *Br J Cancer* 87(12) (2002) 1422-30

Onodera Y, Matsuda N, Ohta M, Goto R, Fujii N, Yamada Y, Ikeuchi T, Kai Y.: Prognostic significance of tumor grade for renal cell carcinoma. *Int J Urol* 7(1) (2000) 4-9

Ou YC, Chen JT, Yang CR, Horng YY, Kao YL, Cheng CL: Tumor angiogenesis and metastasis: correlation in invasive renal cell carcinoma. *Zhonghua Yi Xue Za Zhi (Taipei)* 61(8) (1998) 441-7

Ozuysal S, Bilgin T, Ozan H, Kara HF, Ozturk H, Ercan I.: Angiogenesis in endometrial carcinoma: correlation with survival and clinicopathologic risk factors. *Gynecol Obstet Invest* 55(3) (2003) 173-7

Pietra N, Sarli L, Caruana P, Cabras A, Costi R, Gobbi S, Bordi C, Peracchia A: Is tumour angiogenesis a prognostic factor in patients with colorectal cancer and no involved nodes? *Eur J Surg* 166(7) (2000) 552-6

Poon RT, Ng IO, Lau C, Yu WC, Yang ZF, Fan ST, Wong J.: Tumor microvessel density as a predictor of recurrence after resection of hepatocellular carcinoma: a prospective study. *J Clin Oncol* 20(7) (2002) Apr 1; 1775-85

Rajkumar SV, Leong T, Roche PC, Fonseca R, Dispenzieri A, Lacy MQ, Lust JA, Witzig TE, Kyle RA, Gertz MA, Greipp PR: Prognostic value of bone marrow angiogenesis in multiple myeloma. *Clin Cancer Res* 6(8) (2000) 3111-6

Reiher F, Ozer O, Pins M, Jovanovic BD, Eggener S, Campbell SC.: p53 and microvessel density in primary resection specimens of superficial bladder cancer. *J Urol* 167(3) (2002) 1469-74

Rioux-Leclercq N, Epstein JI, Bansard JY, Turlin B, Patard JJ, Manunta A, Chan T, Ramee MP, Lobel B, Moulinoux JP.: Clinical significance of cell proliferation, microvessel density, and CD44 adhesion molecule expression in renal cell carcinoma. *Hum Pathol* 32(11) (2001) 1209-15

Rodriguez-Rubio FI, Diez-Caballero F, Martin-Marquina A, Abad JI, Berian JM.: Incidentally detected renal cell carcinoma. *Br J Urol* 78(1) (1996) 29-32

Ruckle HC, Torres VE, Richardson RL, Zinke H: Renal Tumors. *Curr-Opin-Nephrol-Hypertens* 2(2) (1993) 201-10

Sabo E, Boltenko A, Sova Y, Stein A, Kleinhaus S, Resnick MB.: Microscopic analysis and significance of vascular architectural complexity in renal cell carcinoma. *Clin Cancer Res* 7(3) (2001) 533-7

Sachs L: *Angewandte Statistik*. Springer, Berlin, Heidelberg, New York, 1992

Salama ME, Guru K, Stricker H, Peterson E, Peabody J, Menon M, Amin MB, De Peralta-Venturina M.: pT1 substaging in renal cell carcinoma: validation of the 2002 TNM staging modification of malignant renal epithelial tumors. *J Urol* 173(2005) 1492-5

Saravanamuthu J, Reid WM, George DS, Crow JC, Rolfe KJ, MacLean AB, Perrett CW.: The role of angiogenesis in vulvar cancer, vulvar intraepithelial neoplasia, and vulvar lichen sclerosus as determined by microvessel density analysis. *Gynecol Oncol* 89(2) (2003) 251-8

Schindl M, Birner P, Obermair A, Kiesel L, Wenzl R.: Increased microvessel density in adenomyosis uteri. *Fertil Steril* 75(1) (2001) 131-5

Schlueter C, Hauke S, Loeschke S, Wenk HH, Bullerdiek J.: HMGA1 proteins in human atherosclerotic plaques. *Pathol Res Pract* 201(2) (2005) 101-7

Schmidt D, von Hochstetter AR.: The use of CD31 and collagen IV as vascular markers. A study of 56 vascular lesions. *Pathol Res Pract* 191(5) (1995) 410-4

Semenza GL.: Targeting HIF-1 for cancer therapy. *Nat Rev Cancer* 3(10) (2003) 721-32

Sevinc M, Kirkali Z, Yorukoglu K, Mungan U, Sade M.: Prognostic significance of microvascular invasion in localized renal cell carcinoma. *Eur Urol* 38(6) (2000) 728-33

Shih SJ, Dall'Era MA, Westphal JR, Yang J, Sweep CG, Gandour-Edwards R, Evans CP.: Elements regulating angiogenesis and correlative microvessel density in benign hyperplastic and malignant prostate tissue. *Prostate Cancer Prostatic Dis* 6(2) (2003) 131-7

Song KH, Song J, Jeong GB, Kim JM, Jung SH, Song J.: Vascular endothelial growth factor - its relation to neovascularization and their significance as prognostic factors in renal cell carcinoma. *Yonsei Med J* 42(5) (2001) 539-46

Sowter HM, Ratcliffe PJ, Watson P, Greenberg AH, Harris AL.: HIF-1-dependent regulation of hypoxic induction of the cell death factors BNIP3 and NIX in human tumors. *Cancer Res* 61(18) (2001) 6669-73

Sternfeld T, Foss HD, Kruschewski M, Runkel N: The prognostic significance of tumor vascularization in patients with localized colorectal cancer. *Int J Colorectal Dis* 14(6) (1999) 272-6

Störkel S, Jakobi GH : Systematik, Histogenese und Prognose der Nierenzellkarzinome und des renalen Onkozytoms. *Verh Dtsch Ges Path* 73 (1989) 321-338

Störkel S. , Thoenes W., Jacobi GH . Lippold, R.: Prognostic parameters in renal cell carcinoma - a new approach. *Eur Urol* 16(6) (1989) 416-422

Strohmeyer D, Rossing C, Strauss F, Bauerfeind A, Kaufmann O, Loening S: Tumor angiogenesis is associated with progression after radical prostatectomy in pT2/pT3 prostate cancer. *Prostate* 42(1) (2000) 26-33

Sweeney JP, Thornhill JA, Grainger R, McDermott TED, Buttler MR: Incidentally detected renal cell carcinoma: pathological features, survival trends and implications for treatment. *Br J Urol* 78 (1996) 351-353

Tanaka F, Oyanagi H, Takenaka K, Ishikawa S, Yanagihara K, Miyahara R, Kawano Y, Li M, Otake Y, Wada H.: Glomeruloid microvascular proliferation is superior to intratumoral microvessel density as a prognostic marker in non-small cell lung cancer. *Cancer Res* 63(20) (2003) 6791-4

Thoenes W, Störkel S, Rumpelt HJ: Histopathology of renal cell tumors (adenomas, oncocytomas and carcinomas):the basic cytological and histo-pathological elements and their use for diagnostics. *Pathol Res Pract* 181 (1986) 125-143

Theodoropoulos VE, Lazaris ACh, Sofras F, Gerzelis I, Tsoukala V, Ghikonti I, Manikas K, Kastriotis I.: Hypoxia-inducible factor 1 alpha expression correlates with angiogenesis and unfavorable prognosis in bladder cancer. *Eur Urol* 46(2) (2004) 200-8

Tsutsui S, Kume M, Era S.: Prognostic value of microvessel density in invasive ductal carcinoma of the breast. *Breast Cancer* 10(4) (2003) 312-9

Turner KJ, Moore JW, Jones A, Taylor CF, Cuthbert-Heavens D, Han C, Leek RD, Gatter KC, Maxwell PH, Ratcliffe PJ, Cranston D, Harris AL.: Expression of hypoxia-inducible factors in human renal cancer: relationship to angiogenesis and to the von Hippel-Lindau gene mutation. *Cancer Res* 62(10) (2002) 2957-61

Usubutun A, Ayhan A, Uygur MC, Ozen H, Toklu C, Ruacan S.: Prognostic factors in renal cell carcinoma. *J Exp Clin Cancer Res* 17(1) (1998) 77-81

van Dijke CF, Brasch RC, Roberts TP, Weidner N, Mathur A, Shames DM, Mann JS, Demsar F, Lang P, Schwickert HC.: Mammary carcinoma model: correlation of macromolecular contrast-enhanced MR imaging characterizations of tumor microvasculature and histologic capillary density. *Radiology* 198(3) (1996) 813-8

Vaupel P, Mayer A.: Hypoxia and anemia: effects on tumor biology and treatment resistance. *Transfus Clin Biol* 12(1) (2005) 5-10

Vermeulen PB, Verhoeven D, Fierens H, Hubens G, Goovaerts G, Van Marck E, De Bruijn EA, Van Oosterom AT, Dirix LY.: Microvessel quantification in primary colorectal carcinoma: an immunohistochemical study. *Br J Cancer* 71(2) (1995) 340-3

Vermeulen PB, Libura M, Libura J, O'Neill PJ, van Dam P, Van Marck E, Van Oosterom AT, Dirix LY.: Influence of investigator experience and microscopic field size on microvessel density in node-negative breast carcinoma. *Breast Cancer Res Treat* 42(2) (1997) 165-72

Vermeulen PB, Gasparini G, Fox SB, Colpaert C, Marson LP, Gion M, Belien JA, de Waal RM, Van Marck E, Magnani E, Weidner N, Harris AL, Dirix LY.: Second international consensus on the methodology and criteria of evaluation of angiogenesis quantification in solid human tumours. *Eur J Cancer* 38(12) (2002) 1564-79

Vordermark D, Brown JM.: Endogenous markers of tumor hypoxia predictors of clinical radiation resistance? *Strahlenther Onkol* 179(12) (2003) 801-11

Warburg OH: The Metabolism of Tumors. Constable & Co. Ltd., London., 1930, S.11-25

Warren BA, Shubik P.: The growth of the blood supply to melanoma transplants in the hamster cheek pouch. *Lab Invest* 15(2) (1966) 464-78

Wechsel HW, Feil G, Bichler KH, Beiter T, Gleichmann R.: Serologic angiogenesis factors and microvascular density in renal cell carcinoma: two independent parameters. *Anticancer Res* 20(6D) (2000) 5117-20

Weidner N, Semple JP, Welch WR, Folkman J.: Tumor angiogenesis and metastasis- correlation in invasive breast carcinoma. *N Engl J Med* 324(1) (1991) 1-8

Weidner N, Carroll PR, Flax J, Blumenfeld W, Folkman J.: Tumor angiogenesis correlates with metastasis in invasive prostate carcinoma. *Am J Pathol* 143(2) (1993) 401-9

Weidner N.: Current pathologic methods for measuring intratumoral microvessel density within breast carcinoma and other solid tumors. *Breast Cancer Res Treat* 36(2) (1995) 169-80

Wendum D, Boelle PY, Rigau V, Sebbagh N, Olschwang S, Mourra N, Parc R, Trugnan G, Masliah J, Flejou JF.: Mucinous colon carcinomas with microsatellite instability have a lower microvessel density and lower vascular endothelial growth factor expression. *Virchows Arch.* 442(2) (2003) 111-7

Wittekind Ch, Meyer HJ, Boots F (Hrsg.): TNM-Klassifikation maligner Tumoren. Springer. New York, Berlin, Heidelberg (usw.), 1.Auflage. 2003

Yamaguchi K, Tominaga T, Nishimura Y: Clinical study on incidental renal cell carcinoma. *Hinyokika-Kijo* 41 (1995) 93-9

Yoshino S, Kato M, Okada K: Prognostic significance of microvessel count in low stage renal cell carcinoma. *Int J Urol* 2(3) (1995)156-60

Zamolo G, Gruber F, Cabrijan L, Micovic V, Iternicka Z, Jonjic N.:

Influence of tumor thickness and vascularity on survival in cutaneous melanoma. *Acta Med Okayama* 55(5) (2001) 289-93

Zhong H, De Marzo AM, Laughner E, Lim M, Hilton DA, Zagzag D, Buechler P, Isaacs WB, Semenza GL, Simons JW.: Overexpression of hypoxia-inducible factor 1alpha in common human cancers and their metastases. *Cancer Res* 59(22) (1999) 5830-5.

Ziche M, Donnini S, Morbidelli L.: Development of new drugs in angiogenesis. *Curr Drug Targets* 5(5) (2004) 485-93.