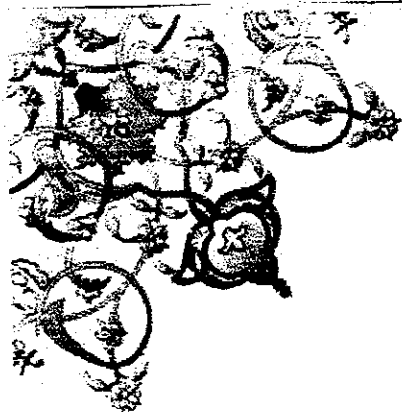




REFERENCES



REFERENCES

- Alter HJ (1988): First decade. In "Viral hepatitis and liver diseases" (ed. AJ Zuckerman). pp. 537-542. Alan R Liss Inc, New York.
- Anzano MA, Roberts AB, Smith JM, Sporn MB and DeLarco JE (1983): Sarcoma growth factor from conditioned medium of virally transformed cells is composed of both type alpha and type beta transforming growth factors. *Proc Nat Acad Sci, USA*; 80: 6264.
- Arroyo V, Gines P and Gerbes AL et al. (1996): Definition and diagnostic criteria of refractory ascites and hepatorenal syndrome in cirrhosis. *Hepatology*; 23: 164.
- Balch G, Izzo F, Chiao P, Klostergaard J and Curley SA (1997): Activation of human Kupffer cells by thrombostimulin (TP-1) to produce cytotoxicity against human hepatocellular cancer. *Ann Surg Oncol*; 2: 149.
- Barnard JA, Gravesdeal R and Pttelkow MR (1994): Auto and cross induction within the mammalian epidermal growth factor-related peptide family. *J Biological Chemistry*; 269: 22817.
- Barnard JA, Beauchamp RD, Rusel WE, Dubois RN and Coffey RJ (1995): Epidermal growth factor-related peptides and their relevance to gastrointestinal pathophysiology. *Gastroenterology*; 108: 564.
- Beauchamp, RD, Barnard JA, McCutchen CM, Cherner JA, Coffey RJ Jr (1989): Localization of transforming growth factor

alpha and its receptor in gastric mucosal cells. Implications for a regulatory role in acid secretion and mucosal renewal. J. Clin. Invest.; 84(3):1017-23.

Beck JR, Shultz EK (1986): The use of relative operating characteristic (ROC) curves in test performance evaluation. Arch Pathol Lab Med; 110: 13 - 20.

Bluth RF, Carpenter HA, Pittelkow MR, Page DL and Coffey RJ (1996): Immunolocalization of transforming growth factor-alpha in normal and diseased human gastric mucosa. Human Pathology; 26: 1333.

Boniolo M, Davis M and Matte JA (1982): The use of an ELISA technique for screening hybridoma antibodies against hepatitis B surface antigen. J Immunol Meth; 49: 1.

Bosenberg M, Pandiella A and Massagne J (1993): Activated release of membrane-anchored TGF-alpha in the absence of cytosol. J Biological Chemistry; 122: 95.

Brewer CB and Roth MG (1991): A single amino acid change in the cytoplasmic domain alters the polarized delivery of influenza virus chemagglutinin. J Cell Biology; 114: 413.

Bringman T, Lindquist P and Derynck R (1987): Different transforming growth factor-alpha species are derived from a glycosylated and palmitoylated transmembrane precursor. Cell; 48: 429.

Bruix J (1997): Treatment of hepatocellular carcinoma. Hepatology; 25: 259.

References

- Bucher NLR, Patel V and Cohen S (1978): Hormonal factors concerned with liver regeneration. Ciba Found Symp; 55: 95.
- Buffone G, Savory I, Cross RE and Hammond JI (1977): Evaluation of kinetic light scattering as an approach to the measurement of specific protein with the centrifugal analyzer methodology. Clinical Chemist; 21 (12): 1731-34.
- Castilla A, Prieto J, Fausto N (1991): Transforming growth factors beta 1 and alpha in chronic liver disease. Effects of interferon alfa therapy. N. Engl. J. Med., 324(14): 933-40.
- Chan DW and Sell S (1999): Tumor markers. In: Tietz textbook of clinical chemistry. Burtis CA and Ashwood ER. 3rd Ed.. W.B. Saunders Company. Philadelphia, London, Toronto. Montreal, Sydney and Tokyo. 23: 722 - 749.
- Chieriegatti G et al. (1990): The soluble sandwich approach for immunoassays: Methodological and instrumental implications. Ann Biol Clin; 48: 393-397.
- Chuang LY, Hung WC, Yang ML, Chang CC and Tsai TF (1994): Urinary epidermal growth factor receptor-binding growth factors in patients with cancers of the digestive tract. Clin Biochem; 6: 485.
- Ciradiello F, Kim N, McGready ML, Liscia DS, Bianco ST and Solomon DS (1991): Expression of transforming growth factor alpha (TGF-alpha) in breast cancer. Ann Oncol; 2 (3): 169.
- Coffey RJ Jr, Derynck R and Wilcox JN (1987): Production and autoinduction of transforming growth factor-alpha in human keratinocytes. Nature; 328: 817.

References

- Coffey RJ, MEise KS, Matsui Y, Aogan BLM, Dempsey PJ and Halter SA (1994): Acceleration of mammary neoplasia in transforming growth factor alpha transgenic mice by 7, 12 dimethylbenzene-thracene. *Cancer Research*; 54: 1678.
- Collier JD, Guo K, Gullick WJ, Bassendine MF and Burt AD (1993): Expression of transforming growth factor alpha in human hepatocellular carcinoma. *Liver*; 13 (3): 151.
- D'Errico A, Barozzi C, Fiorentino M, Carella R, DiSimone M, Ferruzzi L, Mattioli S and Grigioni WF (2000): Role and new perspectives of TGF alpha in adenocarcinoma of the gastro-oesophageal junction. *Br. J. Cancer*, 82 (4): 865-70.
- DeJong KP, Stellema R, Karrenbeld A and Koudstaal J et al. (1998): Clinical relevance of transforming growth factor alpha epidermal growth factor receptor, p53, and Ki67 in colorectal liver metastases and corresponding primary tumours. *Hepatology*; 28 (4): 971.
- Delarco JE and Tadaro GJ (1978): Growth factors from murine sarcoma, virus transformed cells. *Proc Nat Acad Science, USA*; 75: 4001.
- Dempsey PJ and Coffey RJ (1994): Basolateral targeting and efficient consumption of transforming growth factor-alpha when expressed in Madin-Darby canine kidney cells. *J Biological Chemistry*; 269: 16878.
- Dempsey PJ, Goldenrimy JR and Soroka CJ (1992): Possible role of transforming growth factor alpha in the pathogenesis of Menetrier's disease: supportive evidence from humans and transgenic mice. *Gastroenterology*; 103: 1950.

References

Derynck R (1988): Transforming growth factor-alpha. *Cell*, 54: 593-5959.

Derynck R, Goeddel DV, Ullrich A, Gutterman JU, Williams RD, Bringman TS and Berger WH (1987): Synthesis of messenger RNAs for transforming growth factors alpha and beta and the epidermal growth factor receptor by human tumours. *Cancer Res*; 47: 707.

Derynck R, Roberts A, Winkler M, Chen E and Goeddel D (1984): Human transforming growth factor alpha: precursors structure and expression in *E. coli*. *Cell*; 38: 287.

Detection of transforming growth factor-alpha protein and messenger RNA in hepatobiliary diseases by immunohistochemical and in situ hybridization techniques. *Hum. Pathol.*, 27(8): 787-92.

Di-Marco E, Pierce JH, Aaronson SA and Di-Fiore PP (1990): Mechanisms by which EGF receptor and TGF-alpha contribute to malignant transformation. *Nat Immun Cell Growth Regul*; 9 (3): 209.

Doumas BT, Watson WA and Biggs HG (1971): *Clin Chem Acta*; 31: 87. Quoted in: Willey DA, Savary J, Lasky F (1982): An evaluation of a revised albumin method for the Aca® discrete clinical analyzer, Du Pont Co, Wilmington DG.

Downwanel J, Yarden Y, Mayes E, Scrace G, Totty N, Stockwell P, Ullrich A, Schlessringer J and Waterfield MD (1984): Close similarity of epidermal growth factor receptor and v-erb B oncogene protein sequences. *Nature (London)*; 307: 521.

References

- Dusheiko G (1996): Review in depth: hepatitis A to Z. *European J Gastroenterology and Hepatology*; 8: 287.
- Ellis DL, Chow JC and King LE Jr (1990): Detection of urinary TGF-alpha by HPLC and western blot in patients with melanoma. *J. Invest. Dermatol.*, 95: 27-30.
- Enomoto A, Sandgren EP and Marenkopf RR (1998): Interactive effects of c-myc and transforming growth factor alpha transgenes on liver tumour development in simian virus 40 T antigen transgenic mice. *Vet Pathol*; 35 (4): 283.
- Fang JW, Bird GL, Nakamura T, Davis GL and Lau JY (1994): Hepatocyte proliferation as an indicator of outcome in acute alcoholic hepatitis. *Lancet*; 343 (8901): 320.
- Fausto N (1991): Growth factors in liver development, regeneration and carcinogenesis. *Prog Growth Factor Res*; 3: 219.
- Ferrer I, Alcantara S, Ballabriga J, Blanco OM, Rivera R, Carmona M, Berrueto M, Pitarch S and Planas AM (1996): Transforming growth factor alpha (TGF-alpha) and epidermal growth factor receptor (EGF-R) immunoreactivity in normal and pathologic pain. *Prog Neurobiol*; 49 (2): 99.
- Gabuzda BJ (1970): Cirrhosis, ascites and oedema. *Gastroenterology*; 58: 546.
- Gangarosa LM, Dempsey PJ, Damstrup L, Barnard JA and Coffey RJ (1996): Transforming growth factor-alpha. *Bailliere Clinical Gastroenterology*; 10 (1): 149.
- Goldenring JR, Tsunoda Y, Stoch SA, Coffey RJ and Modlen IM (1993): Transforming growth factor-alpha inhibition of

- B) in hepatocellular carcinoma. *Hepatology*, 24(5): 1058-62.
- Hoofnagle JH and DiBisceglie AM (1997): The treatment of chronic viral hepatitis. *N Engl J Med*; 336: 347.
- Hsia CC, Axiotis CA, DiBisceglie AM and Tabor E (1992): Transforming growth factor-alpha in human hepatocellular carcinoma and coexpression with hepatitis B surface antigen in adjacent liver. *Cancer*; 70 (5): 1049.
- Hunter JG (1997): Advanced laparoscopic surgery. *Am J Surg*; 173: 14.
- Inagaka H, Katoh M, Kurosawa-Ohsawa K, Tanaka S (1990): A new sandwich enzyme-linked immunosorbent assay (ELISA) for transforming growth factor alpha (TGF alpha) based upon conformational modification by antibody binding. *J. Immunol. Methods*, 128(1): 27-37.
- Ishak K, Baptista A and Bianchi L (1995): Histological grading and staging of chronic hepatitis. *J Hepatology*; 22: 696.
- Jendrassik L (1938): Colourimetric determination of bilirubin. *Biochemistry*; 297: 81. Quoted in: Doumas BT, Chan DW, Koch TR and Alexander JT (1983): An evaluation of the Diazo total bilirubin method for the Du Pont Aca® Discrete Clinical Analyzer, Du Pont Company, Wilmington, DG-September.
- Kew M (1974): Alpha-fetoprotein in primary liver cancer and other diseases. *Gut*; 15: 814.

References

- Kind PR and King E (1954): Colourimetric determination of alkaline phosphatase activity. J Clin Path; 7: 322. Quoted in: Rej R (1977): Effect of incubation with Mg^{++} on the measurement of alkaline phosphatase. Clinical Chemist; 23: 1903-11.
- Kira S, Nakanishi T, Suemori S, Kitamoto M, Watanabe Y and Kajiyama G (1997): Expression of transforming growth factor alpha and epidermal growth factor receptor in human hepatocellular carcinoma. Liver; 17 (4): 177.
- Kiss A, Szepesi A, Lorz G, Nagy P and Schaff Z (1998): Expression of transforming growth factor alpha in hepatoblastoma. Cancer; 83 (4): 690.
- Knapp RG and Miller MC (1992): Clinical epidemiology and biostatistics, 1st ed, National Medical Series (NMS), Egyptian Edition, Mass Publishing Co.
- Krawitt EL (1996): Autoimmune hepatitis. N Eng J Med; 334: 897.
- Kudlow JE, Leung AW, Kobrin MS, Paterson AJ and Asa, SL (1989): Transforming growth factor-alpha in the mammalian brain. Immunohistochemical detection in neurons and characterization of its mRNA. J. Biol. Chem., 264 (7): 3880-83.
- Kumar and Clarck (1998): Liver, biliary tract and pancreatic diseases. p. 292-297 & 313-330.
- Kuper HE, Tzonou A, Kaklamani E, Hadziyannis S, Tasopoulos N, Lagiou P, Trichopoulos D, Stuver S (2000): Hepatitis B and C viruses in the etiology of hepatocellular carcinoma: a study in Greece using third-generation assays. Cancer Causes Control, 11(2): 171 - 5.

References

- Laird AD, Brown PI and Fausto N (1994): Inhibition of tumour growth in liver epithelial cells transfected with a transforming growth factor alpha antisense gene. *Cancer Res*; 54 (15): 4224.
- Lau YNJ and Wright TL (1993): Molecular virology and pathogenesis of hepatitis B. *Lancet*; 342: 1335.
- Lee DC, Rochford RM, Todaro GJ and Villarel LP (1985): Developmental expression of rat transforming growth factor-alpha mRNA. *Mol Cell Biol*; 5: 3644.
- Lee GH, Merlino G and Fausto N (1992): Development of liver tumours in transforming growth factor alpha transgenic mice. *Cancer Res*; 52: 5162.
- Lee WM (1997): Hepatitis B virus infection. *N Eng J Med*; 337: 1733.
- Letourneur F and Klausner RD (1992): A novel di-leucine motif and a tyrosine-based motif independently mediate lysosomal targeting and endocytosis of CD3 chains. *Cell*; 69: 1143.
- Leutke NC, Qiu TH, Peiffer RL, Oliver P, Smithies O and Lee DC (1993): TGF-alpha deficiency results in hair follicle and eye abnormalities in targeted and waved 1-mice. *Cell*; 73: 263.
- Lewis JJ, Goldenring JG, Modlin IM and Coffey RJ (1990): Autocrine regulation of parietal cell H⁺ secretion by transforming growth factor alpha. *Surgery*; 108: 220.
- Lisaa DS, Merlo G and Gradiello F (1990): Transforming growth factor-alpha messenger RNA localization in the developing

References

- adult rat and human mammary gland by in situ hybridization. *Dev Biol*; 140: 123.
- Lomas DA (1996): New insights into the structural basis of α_1 -antitrypsin deficiency. *Quarterly J Med*; 89: 807.
- Luetke NC, Michalopoulos GK, Teixid J, Glimore R, Massague J and Lee DC (1988): Characterization of high molecular weight transforming growth factor alpha produced by rat hepatocellular carcinoma cells. *Biochemistry*; 27 (17): 6487.
- Mann GB, Fowler KJ, Gabriel A, Nice EC, Williams RL and Dunn AR (1993): Mice with a null mutations of the TGF- α gene have abnormal skin architecture, wavy hair and curly whiskers and often develop corneal inflammation. *Cell*; 73: 249.
- Marquardt H, Hunkapiller M, Hood L and Todaro G (1987): Rat transforming growth factor type I: structure and relationship to EGF. *Science*; 48: 429.
- Marquardt H, Hunkapiller MW, Hood LE and Todaro GJ (1984): Rat transforming growth factor type I: structure and relation to epidermal growth factor. *Science (Washington DC)*; 223: 1079.
- Matsui Y, Halter SA, Holt JT, Hogan BLM and Coffey RJ (1990): Development of mammary neoplasia and neoplasia in MMTV TGF- α transgenic mice. *Cell*; 61: 1147.
- Matter K, Hunziker W and Mellman I (1992): Basolateral sorting of LDL receptor in MDCK cells: the cytoplasmic domain contains two tyrosine-dependent targeting determinants. *Cell*; 71: 741.

References

- McGowan JA, Strain AJ and Bucher NLR (1981): DNA synthesis in primary cultures of adult rat hepatocytes in a defined medium: effects of epidermal growth factor, insulin, glucagon and cyclic AMP. *J Cell Physiology*; 108: 353.
- Mead JE and Fausto N (1989): Transforming growth factor alpha may be a physiological regulatory of liver regeneration by means of an autocrine mechanism. *Proc Nat Acad Sci, USA*; 86: 1558.
- Moore K (1997): The hepatorenal syndrome. *Clinical Science*; 92: 433.
- Morimitsu Y, Hsia CC, Kojiro M and Tabor E (1995): Nodules of less differentiated tumour within or adjacent to hepatocellular carcinoma: relative expression of transforming growth factor-alpha and its receptor in the different areas of tumour. *Hum Pathol*; 26 (10): 1126.
- Morishigie K, Kurachi H, Amemiya K, Fujita Y, Yamamoto T, Miyake A and Tanizawa O (1991): Evidence for the involvement of transforming growth factor alpha and epidermal growth factor receptor autocrine growth mechanism in primary human ovarian cancers in vitro. *Cancer Res*; 51: 5322.
- O'Donoghue J and Williams R (1996): Primary biliary cirrhosis. *Quarterly J Med*; 89: 5.
- Ohmura E, Okada M, Onoda N, Kamiya y, Murakami H, Tsushima T and Schizume K (1990): Insulin-like growth factor I and transforming growth factor as autocrine growth factors in human pancreatic cancer cell growth. *Cancer Res*; 50: 103.

References

Okamoto CT, Shia SP, Bird C, Moskov KE and Roth MG (1992):

The cytoplasmic domain of the polymeric immunoglobulin receptor contains two internalization signals that are distinct from its basolateral sorting signal. *J Biological Chemistry*; 267: 9925.

Ono M, Morisawa K, Nie J, Ota K, Taniguchi T, Saibara T and Onishi S (1998): Transactivation of transforming growth factor alpha gene by hepatitis B virus pre-S1. *Cancer Res*; 58 (9): 1813.

Pandiella A and Massagne J (1991): Cleavage of the membrane precursor for transforming growth factor alpha is a regenerated process. *Proceed Nat Acad Science, USA*; 88: 1726.

Quick AJ (1942): The haemorrhagic diseases and the physiology of hematosi. Thomas, Illinois.

Ramljack D, Jones AB, Diwan BA, Perantoni AO, Hochadel JF and Anderson LM (1998): Epidermal growth factor and transforming growth factor alpha associated overexpression of cyclin D1 CdK4, and c-myc during hepatocarcinogenesis in *Helicobacter hepaticus* infected A/JCr mice. *Cancer Res*; 58 (16): 3590.

Read AE (1978): The Liver. In: *Princes Textbook of the Practice of Medicine*. pp. 578-586. Pbl. ELBS and Oxford University Press; 12th ed.

Rees CJ, Hiubon M and Record CO (1997): Therapeutic modalities in portal hypertension. *Eur J Gastroenterology and Hepatology*; 9: 9.

References

- Scott L and Friedman MD (1993): The cellular basis of hepatic fibrosis. *N Eng J Med*; 328: 1828.
- Seki S, Sakai Y, Kitada T, Kawakita N, Yanai A, Tsutsui H, Sakaguchi H, Kuroki T and Monna T (1997): Induction of apoptosis in a human hepatocellular carcinoma cell line by a neutralizing antibody to transforming growth factor alpha. *Virchows Arch*; 430 (1): 29.
- Sherlock S (1968): Chronic cholangitides: etiology, diagnosis and treatment. *Brit Med J*; 3: 515.
- Sherlock S and Dooley J (1997): Anatomy and function in diseases of the liver and biliary system, 10th ed, Oxford, Blackwell Science.
- Shiota G, Nakamura T and Schmidt EU (1994): Hepatocyte growth factor regulates transforming growth factor alpha in Hep G2 hepatic cells. *Biochem Biophys Res Commun*; 200 (2): 1099.
- Slavkin HC (1993): Rieger syndrome revisited: experimental approaches using pharmacologic and antisense strategies to abrogate EGF and TGF-alpha functions resulting in dysmorphogenesis during embryonic mouse craniofacial morphogenesis. *Am J Med Genet*; 47 (5): 689.
- Steinmetz KL and Klaunig JE (1996): Transforming growth factor alpha in carcinogen-induced F344 rat hepatic foci. *Toxicol Appl Pharmacol*; 140 (1): 131.
- Swets JA (1988): Measuring the accuracy of diagnostic systems. *Science*, 240 (4857): 1285-93.

References

- Tabor E, Faichid M, DiBisceglie A and Hsia CC (1992): Increased expression of transforming growth factor alpha after transfection of a human hepatoblastoma cell line with the hepatitis B virus. *J Med Virol*; 37 (4): 271.
- Tamano S, Merlino GT and Ward JM (1994): Rapid development of hepatic tumours in transforming growth factor alpha transgenic mice associated with increased cell proliferation in precancerous hepatocellular lesions in treated by N-nitrosodiethylamine and promoted by phenobarbital. *Carcinogenesis*; 15 (9): 1791.
- Tanaka S, Takenaka K, Matsumata T, Mori R and Sugimachi K (1996): Hepatitis C virus replication is associated with expression of transforming growth factor-alpha and insulin-like growth factor II in cirrhotic livers. *Dig Dis Sci*; 41 (1): 208.
- Tanno S and Ogawa K (1994): Abundant TGF-alpha precursor and EGF receptor expression as a possible mechanism for the preferential growth of carcinogen induced preneoplastic and neoplastic hepatocytes in rats. *Carcinogenesis*; 8: 1689.
- Thomas DC, Brewer CB and Roth MG (1993): Vesicular stomatitis virus glycoprotein contains a dominant cytoplasmic basolateral sorting signal critically dependent on a tyrosine. *J Biol Chemistry*; 268: 3313.
- Thorgeirsson SS (1995): Target cell populations in virus-associated hepatocarcinogenesis. *Princess Takamatsu Symp*; 25: 163.
- Tomiya T, Fujiwara K (1996): Serum transforming growth factor alpha level as a marker of hepatocellular carcinoma complicating cirrhosis. *Cancer*, 77(6): 1056-60.

References

- Tomiya T, Hayashi S, Yanase M, Umeda N, Tani M, Yamada S, Masaki N, Ogata I and Fujiwara K (1997): Serum transforming growth factor-alpha level can be a parameter for evaluating liver regeneration after partial hepatectomy in patients with liver cancer. *Semin Oncol* 2 Suppl (6) 56: 14-56: 17.
- Tomiya T, Ogata I and Fujiwara K (1998): Transforming growth factor alpha levels in liver and blood correlate better than hepatocyte growth factor with hepatocyte proliferation during liver regeneration. *Am J Pathol*; 153 (3): 955.
- Torring N, Jorgensen PE, Sorensen BS and Nexi E (2000): Increased expression of heparin binding EGF (HB-EGF), amphiregulin, TGF alpha and epiregulin in androgen-independent prostate cancer cell lines. *Anticancer Res*, 20 (1A): 91-5.
- Twardzik DR (1985): Differential expression of transforming growth factor-alpha during prenatal development of the mouse. *Cancer Res*; 45: 5413.
- Uhl D (1991): PDGF, EGF and TGF-alpha, promoters of cancer growth and wound healing. *Med Monatsschr Pharm*; 14 (5): 130 (Abstract).
- Van Setten GB, Edstrom L, Stribler H, Rasmussen S, Schultz G (1999): Levels of TGF alpha in human cerebrospinal fluid. *Int. J. Dev. Neurosci*, 17 (2): 131-4.
- Vassar R and Fuchs E (1991): Transgenic mice provide new insights into the role of TGF-alpha during epidermal development and differentiation. *Growth and Development*; 5: 714.

References

- Vassar R, Hutton ME and Fuchs E (1992): Transgenic overexpression of transforming growth factor alpha bypass the need for C-Ha-ras mutations in mouse skin tumourigenesis. *Molecular and Cellular Biology*; 12: 4643.
- Walker C, Everi HJ, Freed JJ, Knudson AG Jr and Whiteley LO (1991): Altered expression of transforming growth factor-alpha in hereditary rat renal cell carcinoma. *Cancer Res*; 51: 2973.
- Wong DT (1993): TGF-alpha and oral carcinogenesis. *Eur J Cancer B Oral Oncol*; 29B (1): 3.
- Wright R (1978): Immunoglobulin of liver disease. *Med*; 4: 39.
- Yeh YC, Tsai JF, Chuang LY, Yeh HW, Tsai JH, Florine DL and Tam JP (1987): Elevation of transforming growth factor alpha and its relationship to the epidermal growth factor and alpha-fetoprotein levels in patients with hepatocellular carcinoma.
- Youssef M (1984): In *Renal Med, Gastroenterology*; p. 76, 2nd ed., Pbl. University Book Center.