

REFERENCES

1. Abrahams, S.J. and Holtzman, E. (1973). Secretion and endocytosis in insulin stimulated rat adrenal medulla cells. *J Cell Biol.* **56** : 540-558.
2. Aloe, L. and Levi-Montalcini, R. (1980). Enhanced differentiation of sexually dimorphic organs in L-thyroxine treated tfm mice. *Cell Tissue Res.* **205** : 19.
3. Arsenault, P. and Menard, D. (1987). Stimulatory effects of epidermal growth factor on deoxyribonucleic acid synthesis in gastrointestinal tract of the sucking mouse. *Comp Biochem Physiol.* **88** : 123-127.
4. Attardi, P.G.; Levi-Montalcini, R., Wenger, B.S. and Angeletti, P.U. (1965). Submaxillary gland of mouse : Effects of a fraction on tissues of mesodermal origin *in vitro*. *Science.* **150** : 1307.
5. Barka, T. (1980). Biologically active polypeptides in submandibular glands. *J Histochem Cytochem.* **28** : 836-869.
6. Barnad, J.A.; Beuchamp, R.D.; Russel, W.T.; Dubois, R.N. and Coffey, R.J. (1995). Epidermal growth factor related peptides and their relevance to gastrointestinal pathophysiology. *Gastroenterology.* **108** : 564-580.
7. Barrandon, Y. and Green, H. (1987). Cell migration is essential for sustained growth of keratinocyte colonies : the roles of transforming growth factor α and epidermal growth factor. *Cell* **50** : 1131-1137.
8. Basson, M.D.; Modin, I.M. and Madri, J.A. (1992). Human enterocyte (CaCo-2) migration is modulated *in vitro* by extracellular matrix composition and epidermal growth factor. *J Clin Invest.* **90** : 15-23.

9. Basson, M.D.; Modin, I.; Flynn, S.D.; Jena, B.P. and Madri, J.A. (1992). Independent modulation of enterocyte migration and proliferation by growth factors, matrix proteins and pharmacologic agents in an *in vitro* model of mucosal healing. *Surgery*. **112** : 299-308.
10. Beauchamp, R.D.; Barnard, J.A.; McCutchen, C.M.; Cherner, J.A. and Coffey, R.J. (1989). Localization of transforming growth factor α and its receptor in gastric mucosal cells : Implications for a regulatory role in acid secretion and mucosal renewal. *J Clin Invest*. **84** : 1017-1023.
11. Bennet, G. and Leblond, C.P. (1970). Formation of cell coat material for the whole surface of columnar cells in the rat small intestine as visualized by radioautography with L-fucose, 34. *J Cell Biol*. **46** : 409-416.
12. Bennet, G.; Leblond, C. P. and Haddad, A. (1974). Migration of glycoprotein from the Golgi apparatus to the surface of various cell types as shown by radioautography after labelled fucose injection into the rats. *J Cell Biol*. **60** : 258-284.
13. Bhoola, K.D. and Dorey, G. (1972). Distribution of kallikrein trypsin-like proteases and amylase in submaxillary glands. In : "Vasopeptides Chemistry, Pharmacology and Pathophysiology". Edited by N. Black, F. Sicuteri, Plenum Press, New York. P.233.
14. Bhoola, K.D.; Dorey, G. and Jones, C.W. (1973). The influence of androgens on enzyme (chymotrypsin and trypsin like proteases, renin, kallikrien and amylase) and on cellular structure of the mouse submaxillary gland. *J Physiol. (Lond)* **235** : 503.

15. Bhoola, K.D.; Dorey, G. and Jones, C.W. (1974). The ontogenic development and action of sex hormones on kallikrein and other proteases in the submaxillary gland. *Fogarty Int Centre Proc.* **27** : 365.
16. Bing, J. and Farup, P. (1965). Location of renin or a renin like substance in the submaxillary glands of albino mice. *Acta Pathol Microbiol Scand.* **64** : 203.
17. Bing, J. and Poulsen, K. (1976). Vast and apparently paradoxical continuous rise in plasma renin after removal of gently manipulated submaxillary glands in nephrectomized mice. *Acta Pathol Microbiol Scand.* **84** : 285.
18. Bing, J.; Malling, C. and Poulsen, K. (1977). Cause of the continuous rise in plasma renin concentration after removal of manipulated submaxillary glands in nephrectomized mice. *Acta Pathol Microbiol Scand.* **85** : 683.
19. Bing, J.; Eskildsen, P.C.; Farup, P. and Frederiksen, O. (1967). Location of rein in kidneys and extra renal tissues. *Circulat Res.* **20**, Suppl. II : 3.
20. Blay, J. and Brown, K.D. (1985). Epidermal growth factor promotes the chemotactic migration of cultured rat intestinal epithelial cells. *J Cell Physiol.* **124** : 107-112.
21. Blobel, G. (1980) : Intracellular protein topogenesis. *Proc Nat Acad Sci. USA.* **7** : 1496-1500.
22. Blobel, G.; Walter, P.; Chang, C. N.; Goldman, B.M.; Erikson, A.H. and Lingappa, V.R. (1979). Translocation of protein across membranes. The signal hypothesis and beyond. *Symp Soc Exp Biol.* **33** : 9-36.

23. Bothwell, M.A.; Wilson, W.H. and Shooter, E.M. (1979). The relationship between glandular kallikrein and growth factor processing proteases of mouse submaxillary gland. *J Biol Chem.* **254** : 7287-7294.
24. Brandtzaeg, P.; Gautvik, K.M.; Nustad, K. and Pierce, J.V. (1976). Rat submandibular gland kallikreins : Purification and cellular localization. *Br J Pharmacol.* **56** : 155.
25. Brown, G.L.; Nanney, L.B.; Griffen, J. (1989). Enhancement of wound healing by topical treatment with epidermal growth factor. *N Engl J Med.* **321** : 77-79.
26. Bynny, R.; Orth, D. and Cohen, S. (1972). Radioimmunoassay of epidermal growth factor. *Endocrinology.* **90** : 1261.
27. Caramia, F. (1966). Ultrastructure of mouse submaxillary gland. I sexual differences. *J Ultrastruct Res.* **16** : 505.
28. Carpenter, G. and Cohen, S. (1976). Human epidermal growth factor and the proliferation of human fibroblasts. *J Cell Physiol.* **88** : 227.
29. Cartledge, S.; Elder, J.B. and Gergely, H. (1989). TGF- α and EGF levels in normal human gastrointestinal mucosa. *Br J Cancer.* **60** : 657-660.
30. Castle, J.D.; Mamieson, J.D. and Palade, G.E. (1972). Radioautographic analysis of the secretory process in the parotid acinar cells of the rabbit. *J Cell Biol.* **53** : 290-311.
31. Chatargee, C.C. (1991). "Carbohydrate metabolism". In: Human Physiology. Vol. 1, Medical allied agency, Calcutta, Eds. pp.533-544.

32. Chen, L.B.; Gudor, R.C.; Chen, A.B. and Mososson, M.W. (1977). Control of a cell surface major glycoprotein by epidermal growth factor. *Science*. **197** : 776-778.
33. Chen, M.C.; Lee, A.T. and Soll, A.H. (1991). Mitogenic response of canine fundic epithelial cells in short term culture to transforming growth factor α and insulin like growth factor. *J Clin Invest*. **87** : 1716-1723.
34. Chiba, T.; Hirata, Y.; Tominato, T.; Kadowski, S.; Matsukara, S. and Fijita, T. (1982). Epidermal growth factor stimulates prostaglandin E2 release from isolated rat stomach. *Biochem Biophys Res Commun*. **105** : 37-374.
35. Chinkes, M.; McKanna, J.A. and Cohen, S. (1979). Rapid induction of morphological changes in human carcinoma A-431 by epidermal growth factor. *J Cell Biol*. **83** : 260-265.
36. Chou, M.Y.; Chou, M.C.; McBride, J. and Gallagher, G.T., Matossian, K., Elovic, A. and Wong, D.T. (1994). Localization of transforming growth factor α in adult hamster tissues. *Lymph Cytokine Res*. **10**: 385-390.
37. Chretien, M. and Zajdela, F. (1965). Mice en evidence histochemique de la secretion de l-amylase, dans les glandes salivaires sous-maxillaires, retrolinguales et Sous-parotidiniennes de las souris. *C R Acad Sci. (Paris)*. **260** : 4263.
38. Clark, J.D.; Lin L-L, Kritz, R.W.; Ramesha, C.S.; Sultzman, L.A.; Lin, A.V.; Milon, N. and Knopf, J. (1991). A novel arachidonic acid selective cytosolic PLA, contains a Ca^{++} dependent translation domain with homology to PKC and GAP. *Cell*. **65** : 1043-1057.

39. Coffey, R.J.; Derynck, R.; Wilcox, J.N.; Bringman, T.S.; Goustin, A.S.; Moses, H. L. and Pittlecau, M.R. (1987). Production and autoinduction of transforming growth factor α in human keratinocytes. *Nature (Lond)*. **328** : 817-820.
40. Coffey, R.J.; Ganaress, I.M.; Dametrup, I. and Dampeegy, P.J. (1995). Basic actions of transforming factor – alpha and related peptides. *Eur J Gastroenterol and Hepatol*. **7** : 923-927.
41. Cohen, S. (1960). Purification of a nerve growth promoting protein from the mouse salivary gland and its neurocytotoxic antiserum. *Proc Natl Acad Sci. USA*. **46** : 302.
42. Cohen, S. (1962). Isolation of a mouse submaxillary gland protein accelerating incisor eruption and eyelid opening in the new-born animal. *J Biol Chem*. **237**: 1555.
43. Cohen, S. and Taylor, J.M. (1974). Part-I Epidermal growth factor and biological characterization. *Recent Prog Horm Res*. **30** : 533.
44. Cohen, S. and Savage, C.R. (1974). Part-II Recent studies on the chemistry and biology of epidermal growth factor. *Recent Prog Harm Res*. **30** : 551.
45. Cohen, S.; Carpenter, G. and Lembach, K.J. (1975). Interaction of epidermal growth factor. EGF with cultural fibroblasts. *Adv Metab Disor*. **8** : 265.
46. Cohen, S.; Taylor, J.M.; Mukrakami, K.; Michelakis, A.M. and Inagami, T. (1972). Isolation and characterization of renin-like enzymes from mouse submaxillary glands. *Biochemistry*. **11** : 4286.

47. Conover, A.; Hintz, R.L. and Rosenfeld, R.G. (1989). Direct evidence that the insulin receptor mediates a mitogenic response in cultured human fibroblasts. *Horm Metal Res.* **21** : 59-63.
48. Cover, T.L. and Blaser, M.J. (1996). *Helicobacter pylori*, a paradigm for chronic mucosal inflammation : Pathogenesis and implications for eradication and prevention. *Adv Intern Med.* **41** : 85-117.
49. Davis, B.D. and Tai, P.C. (1980). Mechanism of protein secretion across membranes. *Nature*. London. **283**: 433-438.
50. Delarco, J.E. and Todaro, G.J. (1978). Growth factors from murine sarcoma virus- transformed cells. *Proc Natl Acad Sci. USA.* **25** : 4001-4005.
51. Dembinski, A. and Johnson, L.R. (1979). Stimulation of pancreas and gastrointestinal mucosa in antrectomized and gastrin treated rats. *Endocrinology.* **105** : 769-773.
52. Dembinski, A.; Gregory, H.; Konturek, S.L. and Polanski, M. (1982). Trophic action of epidermal growth factor on the pancreas and gastroduodenal mucosa in rats. *J Physiol* **325**: 35-42.
53. Dembinski, A.B. and Johnson, L.R. (1985). Effect of epidermal growth factor on the development of the rat gastric mucosa. *Endocrinology.* **116** : 90-94.
54. Derynck, R.; Goedell, D.V.; Ullrich, A.; Gutterman, J.U.; Williams, R.D.; Bringman, T.S. and Berger, W.H. (1987). Synthesis of messenger RNAs for transforming growth factors α and β and the epidermal growth factor receptor by human factors. *Cancer Rec.* **47** : 707-712.

55. Derynck, R.; Roberts, A.B.; Winkler, M.E.; Chen, E.Y. and Goeddel, D.V. (1984). Human transforming growth factor- α : Precursor structure and expression in *E Coli*. *Cell*. **38** : 287-297.
56. Duerr, R.L.; Haung, S.; Miraliakbar, H.R.; Clark, R.; Chien, K.R. and Ross, J.Jr. (1995). Insulin like growth factor enhances ventricular hypertrophy and function during onset of experimental cardiac failure. *J Clin Invest*. **95** : 619-627.
57. Dunbar, J.C.; Silverman, H.; Kirman, E. and Foa, P.P. (1977). Role of the submaxillary gland and of the kidney in the hyperglucagonemia of eviscerated rats. In : "Glucagon : Its Role in Physiology and Clinical Medicine", Edited by P.P. Foa, J.S. Baja JL Foa. Springer-Verlag, New York. P. 157.
58. Elder, J.B.; Williams, G.; Lacey, E. and Gregory, H. (1978). Cellular localization of human urogastrone epidermal growth factor. *Nature*. **271** : 466-467.
59. Erdos, E.G.; Tague, L.L. and Mivva, I. (1968). Kellikrein in granules of the submaxillary gland. *Biochem Pharmacol*. **17**. 667.
60. Forgue-Laffite, M.E.; Laburthe, M.; Chamblier, M.C.; Moody, A.J. and Rosselin, G. (1982). Demonstration of specific receptors for EGF-urogastrone in isolated rat intestinal cells. *FEBS Lett*. **114** : 243-246.
61. Frati, L.; Cenci, G.; Sbaraglia, G.; Teti, D.V. and Covelli, I. (1976). Levels of epidermal growth factor in mice tissues measured by a specific radioreceptor assay. *Life Sci*. **18** : 905.

62. Fukuoka, Y.; Hojima, Y.; Miyauta, S. and Moriwaki, C. (1979). Purification of cat submaxillary kallikrein. *J Biochem.* **85** : 549.
63. Gan, B.S.; Hollenberg, M.D.; MacConnell, K.L.; Lederis, K.; Winkler, M.E. and Derynck, R. (1987). Distinct vascular actions of epidermal growth factor urogastrone and transforming growth factor α . *J Pharmacol Exp Ther.* **242** : 331-337.
64. Gecse, A.; Wilson, C.M. and Erdos, E.G. (1976). Introduction to particle-bound renin arginine esterase by testosterone in the mouse. *Biochem Pharmacol.* **25** : 763.
65. Gerrett, J.R.; Smith, R.E.; Kidd, A.; Kyriacou, K. and Grabske, R.J. (1982). Kallikrein like activity in salivary glands using a new tripeptide substrate, including preliminary secretory studies and observations on mast cells (Dep. Oral. Pathol., Kings Coll. Hosp. Dent. Scho, London, U.K. SE5 8RX). *Histochem J.* **14** (6) : 967 (Eng).
66. Geuze, J.J. and Poort, C. (1973). Cell membrane resorption in the rat exocrine pancreas cell after *in vivo* stimulation of the secretion, as studied by *in vivo* incubation with extracellular space markers. *J Cell Biol.* **57** : 159-174.
67. Goldstein, M. N. and Burdman, J.A. (1965). Studies of the nerve growth factor in submandibular glands of female mice treated with testosterone. *Anat Rec.* **151** : 199.
68. Greene, E.C. (1968). "Anatomy of Rat" Hafner, New York, London.

69. Gresik, E.W.; Barka, T. (1978). Immunocytochemical localization of epidermal growth factor in the developing submandibular gland of the mouse. *Am J Anat.* **151**:1.
70. Gresik, E.W.; Michelakis, A.; Barka, T. and Ross, T. (1978). Immunocytochemical localization of renin in the submandibular gland of the mouse. *J histochem Cytochem.* **26** : 855.
71. Gresik, E.W.; Vander Noen, H. and Barka, T. (1979). Epidermal growth factor like material in rat submandibular gland (1). *Am J Anat.* **156** : 83-89.
72. Grossman, B.M.; Band, P. and Lane, B. (1983). Role of steroids in secretion modulating effect of triaminiclonone and estradiol in protein synthesis and secretion from the exocrine pancreas. *J Steroid Biochem.* **19** : 1969-1981.
73. Guglietta, A.; Romano, M.; Lesch, C.; MacClure, R.W. and Cottey, R.J. (1994). Effect of TGF α on gastric acid secretion in rats and monkeys. *Dig Dis Sci.* **39** : 177-182.
74. Guth, P.H. (1982). Pathogenesis of gastric mucosal injury. *Rev Med.* **33** : 183-196.
75. Gutman, Y.; Levy, M. and Shorr, J. (1973). Renin like activity of the rat submaxillary gland. Characterization and the effect of several drugs and stimuli. *Br J Pharmacol.* **47** : 59-68.
76. Gyton, A.C. (1981). "Insulin, Glucagon and diabetes Mellitus". In : *Text book of Medical Physiology.* P. 855.
77. Hand, A.R. and Oliver, C. (1977a). Cytochemical studies of GERL and its role in secretory granules formation in exocrine cells. *Histochem J.* **9** : 375-392.

78. Hand, A.R. and Oliver, C. (1977b). Relationship between the Golgi apparatus GERL and Secretory granules in acinar cells of the rat exorbital Lacrimal Gland. *J Cell Biol.* **74** : 399-413.
79. Helm, J.E.; Dodds, W.J.; Soergel, K.H.; Lee, M.S. and Wood, C.M. (1982). Acid neutralizing capacity of human saliva. *Gastroenterology.* **83** : 69-74.
80. Heltz, Ph.U.; Kasper, M.; Van, Noordon, S.; Polak, J.M.; Grogors, M. and Pearse, A.G.E. (1978). Immunohistochemical localization of urogastrone to human duodenal and submandibular glands. *Gut.* **19** : 408-413.
81. Hendrey, I.A. and Iverson, L.I. (1973). Reduction in the concentration of Nerve Growth Factor in mice after sialoadenectomy and castration. *Nature.* **243** : 500.
82. Hirata, Y. and Orth, D.N. (1979). Concentration of epidermal growth factor, nerve growth factor and submandibular gland renin in male and female mouse tissue and fluids. *Endocrinology.* **105** : 1382.
83. Hojima, Y.; Maranda, B.; Moriwaki, C. and Schachter, M. (1977). Direct evidence for the location of kallikrein in the striated ducts of the cats submandibular gland by the use of specific antibody. *J Physiol.* **268** : 793.
84. Hojwat, S.; Kirsteins, L.; Kislá, J.; Paloyan, V. and Lawrence, A.M. (1977). Immuno-reactive glucagon in the salivary glands of man and animal. In *Glucagon : "Its Role in Physiology and Clinical Medicine"*. Edited by PP Foa, FS Baja, NL Fog-Springer-Verlag, New York. P. 143.

85. Hollenberg, M.D. (1979). Epidermal growth factor urogastrone, a polypeptide acquiring hormonal activity. *Vitam Horm.* **37** : 69-110.
86. Hollenberg, M.D.; Hayden, L.J. and Atkison, P. (1981). Growth factors, transforming factors and their receptors : implications for tumours of the gastrointestinal tract. In : Malt R.A., Williamson RCN, eds. Falk symposium "Colonic Carcinogenesis". Proceedings of the 31st Falk symposium : MTP Press, 1981. 327-335.
87. Hopsu-Havu, V.K.; Riekkinen, P.J. and Ekfors, T.O. (1967). Studies on the alkaline trypsin like enzymes in rat submandibular gland and saliva. *Acta. Odontol Scand.* **25** : 657.
88. Hotchkiss, R.D. (1948). A micro chemical reaction resulting in the staining of polysaccharide structures in fixed tissue preparations. *Arch Biochem.* **16** : 131.
89. Hui, W.M.; Chen, B.W.; Kung, A.W.C.; Cho, C.H.; Luk, C.T. and Lam, S.K. (1993). Effect of epidermal growth factor on gastric blood flow in rats : possible role in mucosal protection. *Gastroenterology.* **104** : 1605-1610.
90. Hunter, T. (1995). Protein kinases and phosphatases : the yin and yang of protein phosphorylation and signalling. *Cell.* **80**: 225-236.
91. Ishii, D.N. and Shooter, E.M. (1975). Regulation of nerve growth factor synthesis in mouse submaxillary glands by testosterone. *J Neurochem.* **25** : 843.

92. Jamieson, J.D. and Palade, G.E. (1971). Condensing vacuole conversion and Zymogen granule discharge in pancreatic exocrine cells. Metabolic studies. *J Cell Biol.* **48** : 503-522.
93. Johnson, L.R. and Guthrie, P.D. (1976). Stimulation of big and little gastrin (G-34 and G-17). *Gastroenterology.* **71** : 596-602.
94. Johnson, L.R. and McCormack, S.A. (1994). Regulation of gastrointestinal mucosal growth. In : *Physiology of the gastrointestinal tract.* Third edition. Eds. Johnson, L.R., Raven Press, New York. pp. 611-641.
95. Johnson, D.G.; Gorden, P. and Kopin, I.J. (1971). A sensitive radioimmunoassay for 7s nerve growth factor antigens in serum and tissues. *J Neurochem.* **18** : 2355.
96. Jones, R.O. (1966). The *in vitro* effect of epithelial growth factor on rat organ cultures. *Exp Cell Res.* **43** : 645.
97. Jones, M.K.; Tomikawa, M.; Mohajer, B. and Tarnawski, A.S. (1999). Gastrointestinal mucosal regeneration : Role of Epidermal growth factors. *Frontiers in Bioscience.* **4** : 303-311.
98. Junquiera, L.C.U.; Fajer, A.; Rabinovitch, M. and Frankenthal, L. (1949). Biochemical and histochemical observations on the sexual dimorphism of submaxillary glands. *J Cell Comp Physiol.* **34** : 129-158.
99. Karnes, W.E. (1994). Epidermal growth factor and transforming growth factor. In : *Gut peptides : biochemistry and pharmacology.* J. H. Walsh, G.J. Dockray, eds. New York, Raven. pp. 553-586.

100. Kelly, Y.; Palovan, V.; Edward, K.; Kislá, J. and Hojvat, S. (1977). Salivary gland glucagon, effects of age and sex. *Clin Res.* **25** : 572.
101. Kirkegaard, P.; Olsen, S.P.; Nexø, E.; Holst, J. J. (1984). Effect of vasoactive intestinal polypeptide and somatostatin on secretion of epidermal growth factor and bicarbonate from Brunner's glands *Gut.* **25** : 1225-1229.
102. Konturek, S.J. (1990). Role of growth factors in gastroduodenal protection healing of peptic ulcers. *Gastroenterol Clin North Am.* **19** : 41-65.
103. Konturek, S.J. (1989). Role of epidermal growth factor in gastroprotection and ulcer healing. *Scand J Gastroenterology.* **23** : 129-133.
104. Konturek, P.K.; Brożozowski, T.; Konturek, S.J. and Dembinski, A. (1990). Role of epidermal growth factor, prostaglandin and sulfhydryls in stress - Induced Gastric Lesions. *Gastroenterology.* **99** : 1607-1615.
105. Konturek, S.J.; Brzozowski, T.; Konturek, P.K.; Majka, J. and Dembinski, A. (1991). Role of salivary gland and epidermal growth factor in gastric secretion and mucosal integrity in rats exposed to stress. *Regul Pept.* **32** : 293-315.
106. Konturek, J.W.; Bielanski, W.; Konturek, S.J.; Bogdal, J. and Olesky, J. (1989). Distribution and release of epidermal growth factor in man. *Gut.* **30**:1194-1200.
107. Konturek, S.J.; Brzozowski T.; Majka, A.; Dembinski, A.; Slomiany, A. and Slomiany, B.L. (1992). Transforming growth factor alpha and epidermal growth factor in protection and healing of gastric mucosal injury. *Scand J Gastroenterol.* **27** : 649-655.

108. Konturek, S.J.; Dembinski, A.; Warzecha, Z.; Brzozowski, T. and Gregory, H. (1988). Role of epidermal growth factor in healing of chronic gastroduodenal ulcers in rats. *Gastroenterology*. **94** : 1300-1307.
109. Kumar, S.; Steward, J.K.; Taylor, G. and Waghe, M. (1972). Fluorescence studies using antinerve growth factor. *Exp Cell Rec*. **74** : 170.
110. Kuwayama, H.; Naito, T. and Kojima, Y. (1994). Proliferative response of rabbit and rat gastric epithelial cells to human epidermal growth factor. *Digestion*. **55**: 108-114.
111. Labenz, J. and Borsch, G. (1994). Highly significant change of the clinical course of relapsing and complicated peptic ulcer disease after cure of *Helicabacter pylori* infection. *Am J Gastroenterol*. **89** : 85-117.
112. Ladda, R.L.; Bullock, L. P.; Gianopoulos, T. and McCormick, I. (1979) : Radioreceptor assay for epidermal growth factor. *Anal Biochem*. **93** : 286.
113. Landboe-Christenson, E. (1944). *Acta Pathol. Et microbiol. Scandinav. Suppl.* **21** : 374.
114. Lane, A.; Ivy, A.C. and Ivy, E.K. (1957). Response of the chronic gastric fistula rat to histamine. *Am J Physiol*. **19** : 221-228.
115. Lawman, M.J.; Boyle, M.D.; Gee, A. P. and Young, M. (1985). Nerve growth factors accelerates early cellular events in wound healing. *Exp Mol Pathol*. **43** : 274-281.

116. Lawrence, A. M.; Tan, S.; Hojvat, S. and Kirsteins, L. (1977). Salivary gland hyperglycemic factor : an extrapancreatic source of glucagon like material. *Science*, **195** : 70.
117. Lawrence, A.M.; Kirsteins, L.; Hojvat, S.; Rubin, L. and Mitton, J. (1976). Submaxillary gland hyperglycemic factor in man and animals on extrapancreatic glucagon. *Clin Res.* **24** : 364.
118. Lawrence, A.M.; Kirsteins, L.; Hojvat, S.; Rubin, L. and Palovan, V. (1975). Salivary gland glucagon : a potent extrapancreatic hyperglycemic factor. *Clin Res.* **23** : 536.
119. Lee, D.C.; Rouchford, R.; Todaro, G.J. and Villareal, L.P. (1985). Developmental expressions of rat transforming growth factor - α -mRNA. *Mol Cell Biol.* **5** : 3644-3646.
120. Lembach, K.J. (1976). Introduction of human fibroblast proliferation by epidermal growth factor EGF : enhancement by an EGF-binding arginine esterase and by ascorbate. *Proc Natl Acad Sci.* **73** : 183.
121. Lembach, K.J. (1976). Enhanced synthesis and extracellular accumulation of hyaluronic acid during stimulation of quiescent human fibroblasts by mouse epidermal growth factor. *J Cell Physiol.* **89** : 277-288.
122. Lemon, M.; Fledler, F.; Forg-Brey, B.; Hirschauer, C. and Leysath, G. (1979). The isolation and properties of pig submandibular kallikrein. *Biochem J.* **177** : 159.
123. Levi-Montalcini, R. and Cohen, S. (1960). Effects of extract of the submaxillary salivary glands on the sympathetic system of mammals. *Ann N.Y. Acad Sci.* **85** : 324.

124. Li, A.K.C.; Koroly, M.J.; Schattenkerk, M.E.; Malt, R.A. and Young, M. (1980). Nerve growth factor in mouse saliva. A comparative study. *Dev Biol.* **71** : 356-376.
125. Li, A.K.C.; Koroly, M.J.; Schattenkerk, M.E.; Malt, R.A. and Young, M. (1980) Nerve growth factor : acceleration of rate of wound healing in mice. *Proc Natn Acad Sci USA.* **77** : 4379-4381.
126. Lipkin, M. (1987). Proliferation and differentiation of normal and diseased gastrointestinal cells. In : *Physiology of the gastrointestinal tract.* Second addition Eds. : Johnson L.R., Raven Press, New York. pp. 255-284.
127. Liske, R. and Reber, K. (1976). Non suppressible insulin like activity in rat organs detected by fluorescent antibody and radioimmunoassay technique. *Horm Res.* **7**:214.
128. Liu, S.C.; Sanfilippo, B.; Perroteau, I.; Derynck, R.; Salamon, D.S. and Kidwel, W.R. (1987). Expression of transforming growth factor α (TGF α) in differentiated rat mammary tumors : estrogen induction of TGF α production. *Mol Endocrinol.* **1** : 683-692.
129. MacManus, J.F.A. (1946). Histological demonstration of mucin after per iodide acid. *Nature.* **158** : 202.
130. Madtes, D.K.; Raines, E.W.; Sakariassen, K.S.; Assoian, R.K.; Sporn, M.B.; Boll, G.I. and Ross, R. (1988). Induction of transforming growth factor α inactivated human alveolar macrophages. *Cell.* **53** : 285-293.

131. Malden, L.T.; Novak, U. and Burges, A.W. (1989). Expression of transforming growth factor alpha messenger RNA in the normal and neoplastic gastro-intestinal tract. *Int J Cancer*. **43** : 380-384.
132. Maltra, S.R.; Robito, S.F. and Carretero, O.A. (1986). Release of kallikrein and tonin from the rat submandibular gland (Hypertens-Res. Div., Henry Ford Hosp., Detroit, M.I. 4202 USA). *Adv Exp Med Biol*. **198-A**. (Kinins 4. Pt. 4), 247 (Eng.).
133. Manzie, J.W.; Michelakis, A.M. and Yoshida, H. (1974). Sympathetic nervous system and renin release from submaxillary glands and kidneys. *Am J Physiol*. **227**: 1281.
134. Marquardt, H.; Hunkapiller, M.W.; Hood, L.E. and Todaro, G.J. (1984). Rat transforming growth factor type-1 : structure and relationship to EGF. *Science*. **213** : 1079-1082.
135. McDonald, I.C.; Thomson, W.H. (1993). Indulin IGI-1 and IGI-2 receptors in rat small intestine following massive small bowel resection. Analysis by binding, flow cytometry and immunochemistry. *Dig Dis Sci*. **38** : 1658-1669.
136. Michelakis, A.M.; Yoshid, H.; Menzie, J.; Murakami, K. and Inagami, T. (1974). A radioimmunoassay for the direct measurement of renin mice and its application to submaxillary gland and kidney studies. *Endocrinology*. **94** : 1101.
137. Miyoshi, A.; Mariga, M.; Obbavashi, M.; Kobayashi, M.; Suyama, T. and Imoto, T. (1969). Studies on gastric secretion inhibitory substance in human saliva (Salivogastrone). *Jpn Arch Intern Med*. **16** : 35-50.
138. Moore, R.; Carlson, S. and Madara, J.L. (1980). Rapid barrier restitution *in vitro* model of intestinal injury. *Lab Invest*. **60** : 237-244.

139. Moriwaki, C.; Hojima, H. and Schachter, M. (1976). Purification of kallikrein from cat submaxillary gland. In : *Kinins : pharmacodynamics and Biological roles*. Edited by F. Sicuteri, N. Black, GL Haberland. Plenum Press, New York. P. 151.
140. Mowry, R.W. (1956). Alcian blue technics for the histochemical study of acidic carbohydrates. *J Histochem Cytochem.* 4 : 407.
141. Muramatsu, I.; Hollenberg, M.D. and Lederis, K. (1985). Vascular actions of epidermal growth factor-urogastrone : possible relation to prostaglandin production. *Can J Physiol Pharmacol.* 63 : 994-999.
142. Murphy, R.A.; Pantazis, N.J. and Papastavros, M. (1979). Epidermal growth factor and nerve growth factor in mouse saliva: A comparative study. *Dev Biol* 71 : 356-370.
143. Murphy, R.A.; Watson, Ann. V., Metz. J.; Forssmann, W. and George (1980). The mouse submandibular gland : An exocrine organ for growth factors (Dep. Anat., Harvard Med. Sch. Boston, M.A. USA). *J Histochem Cytochem.* 28 (8) : 890 (Eng).
144. Mydrał, S.E.; Twardzik, D.R. and Auersperg, N. (1986). Incubation of type β with normal rat kidney cells produces a soluble activity that prolongs the ruffling response to type α . *J Cell Biol.* 102 : 1230-1234.
145. Nadar, T.S. and Pillai, M.M. (1986). Gastroduodenal Ulcerations and Brunner's Gland During Starvation. Presented at Indian Science Congress, Delhi, Jan. J. 1986. Proc. 73rd Session of Indian Sci. Congress, Part-IV, Section of Zool. *Entamol & Fisheries*, P. 61. Ast. 1.

146. Neutra, M. and Leblond, C.P. (1966a). Synthesis of the carbohydrate of mucus in the Golgi complex as shown by electron microscope radioautography of goblet cells from rats injected with glucose- H^3 . *J Cell Biol*, **30** : 119-136.
147. Neutra, M. and Leblond, C.P. (1966b). radioautographic comparison of the uptake of galactase H^3 and glucose H^3 in the golgi region of various cells secreting glycoproteins or mucopolysaccharides. *J Cell Biol*. **30** : 137-150.
148. Nexø, E.; Olsen, S.P. and Poulsen, K. (1984). Exocrine and endocrine secretion of renin and epidermal growth factor from mouse submandibular glands. *Regulatory Peptides*. **8** : 327-334.
149. Niall, M.; Rayan, G.B. and O'Brein. BMC. (1982). The effect of epidermal growth factor on wound healing in mice. *J Surg Res*. **33** : 164-169.
150. Novikoff, A.B. (1976). The endoplasmic reticulum a cytochemists view (a review). *Proc Nat Acad Sci. (Wash)* **73** : 2781-2787.
151. Novikoff, A.B. and Novikoff, P.M. (1977). Cytochemical contributions to differentiating GERL from the Golgi apparatus. *Histochem J*. **9** : 525-551.
152. Nustad, K.; Gautvik, K.M. and Pierce, J.V. (1974). Glandular kallikreins purification, characterization and biosynthesis. Fogarty Internat Centre Proc. In : "Chemistry and Biology of the Kallikrein-Kinin system in Health and Disease." *Fogarty Int. (tt. Proc.)*. **27**. P. 77.

153. Okabe, S.; Roth, J. L.A. and Pfeiffer, C.J. (1971). A method of experimental penetrating gastric and duodenal ulcer in rats. *Dig Dis.* **16** : 277-284.
154. Olsen, S.P. and Nexø, E. (1983). Quantitation of epidermal growth factor in the rat. Identification and partial characterization of duodenal EGF. *Scand J Gastroenterol.* **18** : 771-776.
155. Olsen, P.S.; Poulsen, S.S.; Therkelsen, K. and Nexø, E. (1986). Effect of sialoadenectomy and synthetic human urogastrone on healing of chronic gastric ulcers in rats. *Gut.* **27** : 1443-1449.
156. Olsen, P.S.; Poulsen, S.S.; Therkelsen, K. and Nexø, E. (1986). Oral administration of synthetic human urogastrone promotes healing of chronic duodenal ulcers in rats. *Gastroenterology.* **90**: 911-917.
157. Olsen, S.P.; Kirkegaard, P.; Poulsen, S.S. and Nexø, E. (1984). Adrenergic effects on exocrine secretion of rat submandibular epidermal growth factor. *Gut.* **25** : 1234-1240.
158. Olsen, S.P.; Nexø, E.; Poulsen, S.S.; Hansen, J.D. and Kirkegaard, P. (1984). Renal origin of rat urinary epidermal growth factor. *Regulatory Peptides.* **10** : 37-41
159. Olsen, S.P.; Poulsen, S.S.; Kirkegaard, P. and Nexø, E. (1984). Role of submandibular saliva and epidermal growth factor in gastric cytoprotection. *Gastroenterology.* **87** : 103-108.
160. Olsen, S.P.; Poulsen, S.S.; Kirkegaard, P. and Nexø, E. (1984). Role of submandibular saliva and epidermal growth factor. *Gastroenterology.* 1984, **47** : 101-108.

161. Orci, L.; Malaisse, L.F.; Ravazzoia, M.; Amherat, M. and Renold, A.E. (1973). Exocytosis-endocytosis coupling in the pancreatic beta cell. *Science*. **181** : 561-562.
162. Orsini, B.; Calabro, A.; Milani, S.; Grappone, C.; Horbst, H. and Surrenti, C. (1993). Localization of epidermal growth factor/ transforming growth factor receptor in the human gastric mucosa. an immunohistochemical and *in situ* hybridization study. *Virchows Arch A Pathol Anat Histopathol*. **423** : 57-63.
163. Orstavik, T.B.; Brandtzaeg, P.; Nustad, K. and Halvorsen, K.M. (1975). Cellular localization of kallikreins in rat submandibular and sublingual salivary glands. Immunofluorescence tracing related to histological characteristics. *Acta Histochem. (Jena)* **54** : 183.
164. Pai, R. and Tarnawski, A. (1998) : Signal transduction trigger by EGF receptor activation, reference to gastric injury repair and ulcer healing. *Dig Dis Sci*. **43** (Suppl.) :14S-15S.
165. Pai, R.; Ohta, M.; Itani, R.M.; Sarfeh, I.J. and Tarnawski, A.S. (1998). Induction of mitogen activated protein kinase signal transduction pathway during gastric ulcer healing in rat model. *Gastroenterology*. **114** : 706-713.
166. Palade, G.E. (1975). Intracellular aspects of the process of protein synthesis (Noble Prize Lecture, Stockholm 1974). *Science*. **189** : 347-358.
167. Pearse, A.G.E. (1968). In : "Histochemistry : Theoretical and applied" (3rd Edn.), Vol.1, Little Brown, Boston.

168. Peppelenbosch, M.P.; Tertoolen, L.G.J.; den Hetog, J. and de Lot SW (1992). Epidermal growth factor activates calcium channels by phospholipase A2/5-lypoxygenase mediated leukotrience C₄ production. *Cell*. **69** : 295-303.
169. Pillai, M.M.; Deshmukh, A.A. and Pawar, S.S. (2001). Hypoglycemic effect of sialoadenectomy in mice. Represented in 19th Symposium of the society for reproductive biology and comparative endocrinology and UGC-DSA Conference held in Baroda on 17th to 19th Jan., 2001.
170. Pilot, M.A.; Deregncourt, J. and Code, C.F. (1979). Epidermal growth factor increase the resistance of the gastric mucosal barrier to ethanol in rats (abstr). *Gastroenterology*. **76** : 12-17.
171. Playford, R.J.; Hanby, A.M.; Gschmeissner, S.; Piffer, L.P.; Wright, N.A. and McGarrity, T. (1996). The epidermal growth factor (EGE-R) is present on the basolateral, but not the apical, surface of enterocytes in the human gastrointestinal tract. *Gut*. **39** : 262-266.
172. Playford, R.J.; Marchbank, T.; Chinery, R.; Thim, L. and Hanby, A.H. (1995). Human spasmolytic polypeptide is a cryoprotective agent which stimulates cell migration. *Gastroenterology*. **108** : 108-116.
173. Podolsky, D.K. (1994). Peptide growth factors in gastrointestinal tract. In : *Physiology of the gastrointestinal tract*. Third edition Eds. Johnson, L.R. Rave. Press, New York. pp. 129-167.

174. Polk, W.H.; Dempsey, P.J. and Russel, W.E. (1992). Increased production of transforming growth factor alpha following acute gastric injury. *Gastroenterology*. **102** : 1467-1474.
175. Proud, D.; Bailey, G.S.; Nustad, K. and Gautvik, K.M. (1977). The immunological similarity of rat glandular kallikreins. *Biochem J*. **167** : 835.
176. Rao, R.K.; Koldovsky, O.; Grimes, J.; Williams, C. and Davis, T.P. (1991). Regional differences in gastrointestinal processing and absorption of epidermal growth factor in sucking rats. *Am J Physiol*. **261** : G790-G798.
177. Rappolee, D.A.; Mark, D.; Banda, M.J. and Werb, Z. (1988). Wound macrophages express TGF α and other growth factors *in vivo* analysis by RNA phenotyping. *Science*. **241** : 708-712.
178. Rhodes, J.A.; Tam, J.P.; Finke, M.; Saunders, J.; Bernanke, J.; Silen, W. and Murphy, R.A. (1986). Transforming growth factor α inhibits secretion of gastric acid. *Proc Natl Acad Sci USA*. **83** : 3844-3846.
179. Riekkinen, P.J. and Niemi, M. (1968). Androgen dependent salivary gland protease in the rat. *Endocrinology*. **83** : 1224.
180. Roberts, G.P. (1977). Histochemical detection of sialic acid residues using per iodate oxidation. *Histochem J*. **9** : 97-102.
181. Roberts, M.L. (1974). Testosterone induced accumulation of epidermal growth factor in the submandibular glands of mice, assessed by radioimmunoassay. *Biochem Pharmacol*. **23** : 3305.

182. Rutten, M.J.; Dempsey, P.J.; Soloman, T.E.; and Cottey, R.J. (1993). Transforming growth factor α is a potent mitogen for primary cultures of guinea pig gastric mucous epithelial cells. *Am J Physiol.* **265** : G. 361-G. 369.
183. Ryan, J. and Costigan, D.C. (1993). Determination of the histological distribution of insulin like growth factor 1 receptors in the rat gut. *Gut.* **84** : 1693-1697.
184. Samloff, M.I. (1989). Peptic ulcer the many proteases of aggression. *Gastroenterolog.* **96** : 586-595.
185. Samsoundar, J.; Kobrin, M.S. and Kudlow, J.E. (1986). α -transforming growth factor secreted by untransformed bovine anterior pituitary cells in culture. *J Biol Chem.* **261** : 14408-14413.
186. Schachter, H. (1974). Glycosylation of glycoprotein during intracellular transport of secretory products. In "Advances in Cytopharmacology". (B. Ceccarelli; F. Clementi and J. Meldoles eds) Raven Press, New York. **2** : 207-218.
187. Schaudies, R.P.; Grimers, H.L.; Wray and Koldovsky, O. (1990). Identification and partial characterization of multiple forms of biologically active EGF in rat milk. *Am J Physiol.* **259** : G1056-G1061.
188. Scheving, L.A.; Yey, Y.C.; Tsai, T.H. and Scheving, L.E. (1979). Circadian phase dependent stimulatory effects of epidermal growth factor on deoxyribonucleic acid synthesis in the tongue, oesophagus and stomach of the adult male mouse. *Endocrinology.* **105** : 1475-1480.

189. Schrieber, A.B.; Winkler, M.E. and Derynck, R. (1986). Transforming growth factor α : a more potent angiogenic mediator than epidermal growth factor. *Science*. **212** : 1250-1253.
190. Schwab, M.E.; Stockel, K. and Thoenen, H. (1976). Immunocytochemical localization of nerve growth factor (NGF) in the submandibular gland of adult mice by light and electron microscopy. *Cell Tiss Rec*. **169** : 289.
191. Shafer, W.C.; Clerk, P.G. and Muhler, J.C. (1959). Salivary gland function in the rat III. Protease and ariginase activity of submaxillary glands and whole saliva. *J Dent Res*. **38** : 121.
192. Silverman, H. and Dunbar, J.C. (1974). The submaxillary gland as a possible source of glucagon. *Bull Sinai Hosp. Detroit*. **22** : 192.
193. Simson, J.A.V.; Hazen, D.; Spicer, S.S.; Murphy, R.A. and Young, M. (1978). Secretagoguemediated discharge of nerve growth factor from granular tubules of male mouse submandibular glands : an immunocytochemical study. *Anat Rec*. **192** : 375.
194. Skinner, K.A. and Tepperman, B.L. (1981). Influence of desalivation on acid secretory output and gastric mucosal integrity in the rat *Gastroenterology*. **81** : 335-339.
195. Skinner, K.A.; Soper, B.D. and Tepperman, B.L. (1984). Effect of sialoadenectomy and salivary gland extract on gastrointestinal mucosal growth and gastrin levels in the rat. *J Physiol (Lond)*. **351** : 1-12.

196. Smith, R.J. and Frommer, J. (1972 a). On the functions of granular tubules in rodent submandibular glands : histochemical observations on octodon digest. *Arch Oral Biol.* **17** : 1375-1380.
197. Smith, R.J. and Frommer, J. (1972 b). Effects of prepubertal castration on development of granular tubules and amylase activity in the male mouse, submandibular gland. *Arch Oral Biol.* **17** : 1561-1571.
198. Smith, R.J.; Frommer, J. and Schiff, R. (1971). Location and onset of amylase activity in mouse salivary glands determined by a substrate film method. *J Histochem Cytochem.* **19** : 310.
199. Smith, J.A.; Barraclough, R.; Fering, D. G. and Rudland, P.S. (1989). Identification of α transforming growth factor as a possible local trophic agent for the mammary gland. *J Cell Physiol.* **141** : 362-370.
200. Spicer, S. S. (1960). A correlative study of histochemical properties of rodent acid mucopolysaccharides. *J Histochem Cytochem.* **8** : 18-35.
201. Spicer, S.S.; Horn, R.G. and Leppi, T.J. (1967). In 'The Connective Tissue' Histochemistry of Connective Tissue Mucopolysaccharides. Eds. Wagner, B.M. and Smith, D.E., Williams and Wilkins, Baltimore.
202. Spicer, S.S.; Leppi, T.J. and Stoward, P.J. (1965). Suggestion for a histochemical terminology of carbohydrate rich tissue components. *J Histochem Cytochem.* **13** : 599.

203. Sporn, M.B.; Roberts, A. B. and Shull, J.H. (1982). Polypeptide transforming growth factors isolated from bovine source and used for wound healing. *Science*. **219** : 1320-1333.
204. Sreebny, L.M. and Meyer, J. (1964). Hormones in salivary glands. In "Salivary Glands and Their Secretions". (L.M. Sreebny and J. Meyer, eds), The MacMillon Company, New York. P. 83.
205. Starkey, R.H.; Cohen, S. and Orth, D.N. (1976). Epidermal growth factor : identification of a new hormone in human urine. *Science*. **189** : 800.
206. Stastny, M. and Cohen, E. (1970). Epidermal growth factor. IV. The induction of ornithine decarboxylase. *Biochem Biophys Acta*. **204** : 573-589.
207. Steedman, H.F. (1950). Alcian Blue 8GS. A new stain for mucin. *Q J Microsc Sci*. **91** : 477-479.
208. Stem, P.H.; Kriegar, N.S.; Nissenson, R. A.; William, R.D.; Winkler, M.E.; Derynck, R. and Strewler, G.J. (1985). Human transforming growth factor α stimulates bone resorption *in vitro*. *J Clin Invest*. **76** : 2016-2019.
209. Suemori, S.; Ciacci, C. and Podolsky, D.K. (1991). Regulation of transforming growth factor expression in rat intestinal epithelial cell lines. *J Clin Invest*. **87** : 2216-2221.
210. Szabo, S. (1978). Animal model of human diseases. Duodenal ulcer disease – Animal model cyteamine induced acute and chronic duodenal ulcer in the rat. *Am J Pathol*. **93** : 273-276.

211. Tabor, C.W. and Tabor, H. (1984). Polyamines. *Ann Rev Biochem.* **53** : 740-790.
212. Tadara, G.J.; De Larco, J.E. and Cohen, S. (1976). Transformation by murine and feline sarcoma viruses specifically blocks binding of epidermal growth factor to cell. *Nature.* **264** : 26.
213. Takeuchi, K. and Johnson, L.R. (1979). Pentagastrin protects against stress ulcerations. *Gastroenterology.* **76** : 327-334.
214. Talwar, G.P.; Srivastav, L.M. and Moudgil, K.D. (1989). Insulin *In Text book of Biochemistry and Human Biology*, Second Edition, Prentice Hall of India Private Ltd., New Delhi.
215. Tarnawski, A.; Stachura, J.; Durbin, T. and Gergely, H. (1991). Expression of epidermal growth factor receptor in gastric oxyntic mucosa. *J Clin Gastroenterol.* **13** (1) : S109-S113.
216. Taylor, J.M.; Cohen, S. and Mitchell, W.M. (1970). Epidermal growth factory high and low molecular weight forms. *Proc Natl Acad Sci. USA.* **67**: 164.
217. Taylor, J.M.; Mitchell, W.M. and Cohen, S. (1974). Characterization of the high molecular weight form of epidermal growth factor. *J Biol Chem.* **249** : 3198.
218. Tepperman, B.L.; Soper, B.D. and Morris, G.P. (1989). Effect of sialoadenectomy on adaptive cytoprotection in the rat. *Gastroenterology.* **97** : 123-129.
219. Thomas, D.M.; Nasim, M.M.; Gullick, W. J. and Alison, M.R. (1992). Immunoreactivity of transforming growth factor alpha in normal adult gastrointestinal tract. *Gut.* **33** : 628-631.

220. Threadgill, D.W.; Dlugos, A.A.; Hansen, L.A.; Tennenbaum, J.; Lichti, D.; Yee, D.; LaMantra, C.; Mouton, I.; Herrup, K.; Harris, R.C.; Barnad, J.A.; Yuspa, S.H.; Coffey, R.J. and Mognuson, T. (1995). Targeted disruption of Mouse EGF receptor : Effect of genetic background on mutant phenotype. *Science*. **269** : 230-234.
221. Troutschold, I.; Werle, E.; Schmal, A. and Hendrikoff, N.G. (1966). Hormonal regulation of isorenin levels in the submandibular gland of the white mouse and localization of the enzyme in the gland. *Hoppe Seylers Z Physiol Chem*. **344** : 232.
222. Turkington, R.W. (1969a). The role of epithelial growth factor in mammary gland development *in vitro*. *Exp Cell Res*. **57** : 79.
223. Turkington, R.W. (1969b) stimulation of mammary cell proliferation by epithelial growth factor *in vitro*. *Cancer Res*. **29** : 1457.
224. Turkington, R.W.; Males, J.L. and Cohen, S. (1971). Synthesis and storage of epithelial-epidermal growth factor in submaxillary gland. *Cancer Res*. **31** : 252.
225. Twardzik, D.R. (1985). Developmental expression of transforming growth factor- α during prenatal development of the mouse. *Cancer Rech*. **45** : 5413-5416.
226. Van-Lennep, E.W.; Kennerson, A.R. and Compton, J. (1977). The ultrastructure of the sheep parotid gland cell. *Tiss Res*. **179** : 377-392.
227. Wallace, J.L. and Granger, D.N. (1996). The cellular and molecular basis of gastric mucosal defence. *FASEB J*. **10** : 731-740.

228. Wallace, J.L. and McKnight, G.W. (1990). The mucoid cap over superficial gastric damage in the rat. A high-pH micro-environment dissipated by non-steroidal antiinflammatory drugs and endothelin. *Gastroenterology*. **99** : 295-304.
229. Wallace, L.J. and Partlow, L.M. (1976). Alpha-adrenergic regulation of secretion of mouse saliva rich in growth factor. *Proc Natl Acad Sci. USA*. **73** : 4210.
230. Wallace, L.J.; Partlow, L.M. and Wardel, L.J. (1977). Nerve growth factor in mouse saliva elicited by nerve stimulation. *Trans Am Soc Neurochem*. **8** : 135.
231. Weimer, V.L. and Haraguchi, K.H. (1975). A potent new mesodermal growth factor from mouse submaxillary gland. A quantitative, comparative study with previously described submaxillary mesodermal growth factor. *Physiol Chem Phys*. **7**: 7.
232. Werle, E. and Von Roden, P. (1936). Ueber das Vorkommen Von kallikrein in der speichel-druesen und im mundspeic hel. *Biochem Z*. **286** : 213.
233. Westermarck, B. (1976). Density dependent proliferation of human glia cells stimulated by epidermal growth factor. *Biochem Biophys Res Commun*. **69** : 304.
234. Wilcox, J.N. and Derynck, R. (1988). Developmental expression of transforming growth factors alpha and beeta in mouse foetus. *Mol Cell Biol*. **8** : 3415-3422.
235. Winkler, M.E.; O'Connor, L.; Winget, M. and Fendly, B. (1989). Epidermal growth factor and transforming growth factor α bind differently to the epidermal growth factor receptor. *Biochemistry*. **28** : 6373-6378.

236. Wright, N.A.; Pike, C. and Elia, G. (1990). Induction of an epidermal growth factor-secreting lineage by mucosal ulceration in human gastrointestinal stem cells. *Nature*. **343** : 82-85.
237. Wu, H.M.; Yuan, Y.; McCarthy, M. and Granger, H.J. (1996). Acidic and basic FGF dilate arterioles of skeletal muscle through a No-dependent mechanism. *Am J Physiol*. **271** : H1087-H1093.
238. Yasui, W.; Ji, Z.Q.; Kuniyasu, H.; Ayhan, A.; Yokozaki, H.; Ito, H. and Tahara, E. (1992). Expression of transforming growth factor alpha in human tissue : Immunohistochemical study and northern blot analysis. *Virchows Arch A Pathol Anat Histopathol*. **421** : 513-519.
239. Young, J.A. and Van Lennep, E.W. (1978) : Transport in salivary and salt glands. In "Membrane Transport in Biology" (G. Giebisch D.C. Tosteson and H.H. Ussing eds) **Vol.V**, Springer, New York.
240. Young, M.; Saide, J.D.; Murphy, R.A. and Blanchard, M.H. (1978). Nerve growth factor : multiple dissociation products in homogenates of the mouse submandibular gland. Purification and molecular properties of the intact undissociated form of the protein. *Biochemistry*. **18** : 1490.
241. Zimmermann, E.M.; Sarter, R.B.; McCall, R.D.; Pardo, M.; Bender, D. and Lund, P.K. (1993). Insulin like growth factor 1 and 1 β messenger RNA in a rat model of granulomatous enterocolitis and hepatitis. *Gastroenterology*. **105** : 399-409.