



References



REFERENCE

- Albores-Saavedra, J.; Altamirano-Dimos, M.; Alcorta-Anguizola, B. and Smith M. (1971):
Fine structure of human papillary thyroid carcinoma. *Cancer* 28, 763-774.
- Albores-Saavedra, J.; Gould, E. and Dominguez-Malagon, H. (1989):
Three new cell types in medullary thyroid carcinoma. *Lab. Invest.*, 60: 2A, (Abstract).
- Albores-Saavedra, J.; Livolsi, V.A. and Williams, E.D. (1985):
Medullary carcinoma. *Sem. Diag. Pathol.*, 2: 137-150.
- Albores-Saavedra, J.; Najdi, M.; Civantos, F. and Azorides-Morales R. (1983):
Thyroglobulin in carcinoma of the thyroid: an immuno histochemical study. *Hum. Pathol.*, 14: 62-66.
- Aldinger, K.A.; Samaan, M.A.; Ibanez M. and Hill Cs Jr (1978):
Anaplastic carcinoma of the Thyroid. A review of 84 cases of spindle and giant cell carcinoma of the Thyroid. *Cancer*. 41: 2267-2275.
- Al-Moussa, M. and Beck, J.S. (1986):
Histometry of thyroids containing few and multiple nodules. *J. Clin Pathol.* 39: 483-488.
- Amara, S.G.; Jonas, S.V.; Rosenfeld, M.G.; Gng, E.S. and Evans, R.M. (1982):
Alternative RNA processing in calcitonin gene expression generates mRNA's encoding different polypeptide products. *Nature*, 298: 240-244.
- Anscombe, A.M. and Wright, D.H. (1985):
Primary-malignant lymphoma of the Thyroid a tumour of mucosa associated lymphoid tissue: Review of seventy-six cases. *Histopathology*, 9: 81-97.
- Aozasa, K.; Inoue, A.; Tajima, K.; Miyauchi, A.; Matsuzuka, F. and Kuma, K. (1986a):
Malignant lymphomas of the thyroid gland: Analysis of 79 patients with emphasis on histologic prognostic factors. *Cancer*, 58: 100-104, .
- Aozasa, K.; Inoue, A.; Yoshimura, H.; Katagiri, S.; Katayama, S.; Mutsuzuka, F. and Yonezawa, T. (1986b):
Intermediate lymphocytic lymphoma. An immunologic and immunohistologic study. *Cancer* 57: 1762-1767,.

- Aozasa, K.; Ueda, T.; Katagiri, S.; Matsuzuka, F.; Kuma, K. and Yonezawa, T. (1987):
Immunologic and immunohistologic analysis of 27 cases with thyroid lymphomas. *Cancer*, 60: 969-973.
- Arey, L.B. (1965):
Developmental Anatomy. Philadelphia, W.B. Saunders. Co., p.241.
- Ashley, D.J.B. (1978):
Thyroid carcinoma. In "Evan's Histological Appearance of Tumors", 3rd edition, Churchill Livingstone.
- Azar, H.A.; Jaffe, E.S.; Benard, C.W. and Glick, A.D. (1980):
Diffuse small cell lymphoma: correlation of morphologic features with functional markers. *Cancer*, 44: 1428-1441.
- Barker, H.W. (1969):
Anaplastic thyroid cancer, Twelve years after radioiodine therapy. *Cancer*, 23: 885-890.
- Battifora, H. (1988):
Clinical applications of the immunohistochemistry of filamentous proteins. *Am. J. Surg. Pathol.*, 12: 24-42, C.
- Beaugie, J.M.; Brown, C.L. and Doniach, I. (1976):
Primary malignant tumors of the thyroid. The relationship between histologic classification and clinical behaviour. *Surg.* 63: 137-181.
- Beaumont, A.; Othman, S.B. and Fregu, P. (1981):
The fine structure of papillary carcinoma of the thyroid histopathology, 5: 377-388.
- Bennett, W.P.; Bhan, A.K. and Vickery A.L. (1988):
Keratin expression as diagnostic adjunct in Thyroid Tumors with papillary architecture. *Lab. Invest.* 58: 9A (Abstract).
- Bernhard, W. (1969):
Ultrastructure of cancer cell In "Handbook of Molecular Cytology", Ed. Lima De-Faria A. Amestedram. North Holland, p. 38.
- Bloom-D. and Fawcett, L. (1986):
The thyroid gland. In "Textbook of Histology", 11th edition, W.B. Saunders,, p.500.
- Bocker, W.; Dralle, H.; Husselmann, H.; Bay, V. and Brassow, M. (1980):
Immunohistochemical analysis of thyroglobulin synthesis in thyroid carcinoma. *Virch. Arch. Pathol. Anat*, 385: 1087-200.

- Broers, J.; Ramaeker, F.; Klein Rot M.; Oostendorp, T.; Huijsmans, A.; Mijen G., and Wagenaar, S. (1988):
Cytokeratins in different types of human lung cancer as monitored by chain specific monoclonal antibodies. *Cancer Res.*, 48: 3221-3229.
- Bronner, M.P. and Livolsi, V.A. (1988):
Oxyphilic (Askanazy / Hurthle Cell) tumors of the Thyroid: Micro-scopic feature predict biologic behaviour. *Surg. Pathol.*, 1: 137-150.
- Brown, R.A.; Al-Moussa, M. and Beck, J.S. (1986):
Histometry of the normal thyroid in man. *J. Clin. Pathol.*, 39: 475-782.
- Burke, J.S.; Butler, J.J. and Fuller, L.M. (1977):
Malignant lymphomas of the thyroid. *Cancer*, 39: 1587-1602.
- Burt, A.D. and Goudie, R.B. (1979):
Diagnosis of primary thyroid carcinoma by immunohistologic demonstration of thyroglobulin. *Histopathology*, 3: 279-286.
- Burt, A.D. and Goudie, R.B. (1984):
Thyroglobulin in carcinoma of the thyroid. *Hum. Pathol.*, 15: 197-198.
- Burt, A.; Kerr, D.J.; Brown, I.L. and Boyle, P. (1985):
Lymphoid and epithelial markers in small cell anaplastic tumors. *J. Clin. Pathol.*, 38: 893-896.
- Busnardo, B.; Girelli, M.E.; Mermod, J.J. and Amara, S.G. (1984):
Non parallel pattern of calcitonin and carcinoembryonic antigen in the follow up of the medullary thyroid carcinoma. *Cancer*, 53: 278-285.
- Bussolati, G. and Monga, G. (1979):
Medullary carcinoma of the thyroid with atypical pattern. *Cancer*, 44: 1769-1777.
- Cameron, R.G.; Seemayer, T.A.; Wan, N.; Ahmed, M.N. and Tabah, E.J. (1975):
Small cell malignant tumors of the thyroid. *Hum. Pathol.*, 6: 731-740.
- Capella, C.; Bordi, C.; Canale, D.D. and Xapen, C.C. (1979):
Multiple endocrine cell types in thyroid medullary carcinoma. Evidence for calcitonin, somatostatin, ACTH, 5HT and small granule cells. *Virch. Arch. Pathol. Anat.*, 377: 111-128.
- Caplan, R.H.; Abellera, M. and Kiskin, W.A. (1984):
Hurthle cell tumors of the thyroid gland: A clinicopathological review and long term follow up. *J.A.M.A.*, 251: 3114-3117.

- Carcangiu, L.M.; Steeper, T.; Zampi, G. and Rosai, J. (1985a):
Anaplastic thyroid carcinoma. A study of 70 cases. *Am. J. Clin. Pathol.*, 83: 135-158.
- Carcangiu, M.L.; Zampi, G.; Pupi, A. and Rosai, J. (1985b):
Papillary carcinoma of the thyroid: A clinicopathological study of 241 cases treated at the university of Florence, Italy. *Cancer*, 55: 805-825.
- Carcangiu, M.L.; Zampi, G. and Rosai, J. (1984):
Poorly differentiated ("insular") thyroid carcinoma. A reinterpretation of Langhan, "Wuchernde Struma". *Am. J. Surg. Pathol.*, 8: 655-668.
- Carcangiu, M.L.; Zampi, O. and Rosai, J. (1985c):
Papillary thyroid carcinoma. A study of its many morphologic expressions and clinical correlates. *Pathol. Annu.*, 20(pt. 1): 1-44.
- Carney, J.A.; Ryan, J. and Goellner, J.R. (1987):
Hyalinizing trabecular adenoma of the thyroid gland. *Am. J. Surg. Pathol.*, 11: 583-591.
- Chak, L.Y.; Hoppe, R.T.; Dekker, A.; Cheneg, V. and Watson, C.G. (1981):
Non-Hodgkin's Lymphoma presenting as thyroid enlargement. *Cancer*, 48: 2712-2716.
- Chan, J.C. and Tse, C.C.H. (1988):
Mucin production in metastatic papillary carcinoma of the thyroid. *Human. Pathol.*, 19: 195-200.
- Chan, J.K. and Saw, D. (1986):
The grooved nucleus: A useful diagnostic criterion of papillary carcinoma of the thyroid. *Am. J. Surg. Pathol.*, 10: 672-679.
- Chan, Y.F.; Ma, L.; Boey, J.H. and Yeung, H.Y. (1986):
Angiosarcoma of the thyroid: An immunohistochemical and ultrastructure study of a case in a Chinese patient. *Cancer*, 57: 2381-2383.
- Chen, K.T.K. and Rosai, J. (1977):
Follicular variant of papillary thyroid carcinoma. A clinicopathological study of six cases. *Am. J. Surg. Pathol.*, 1: 123-130.
- Chesky, V.E.; Hellwig, C.A. and Welch, J.W. (1960):
Fibrosarcoma of the thyroid gland. *Surg. Gynecol. Obstet.*, 111: 767-770.
- Cibull, M.L. and Cray, G.F. (1978):
Ultrastructure of osteoclastoma-like giant cell tumor of thyroid. *Am. J. Surg., Pathol.*, 2: 401-405.

- Civantos, F.; Albores-Saavedra, J. and Morales, A.R. (1984):
Clear cell variant of thyroid carcinoma. *Am. J. Surg. Pathol.*, 3: 187-192.
- Clarke, M.A. (1970):
Specialized intercellular junctions in tumor cells. An electron
microscopic study of mouse sarcoma cells. *Anat. Rec.*, 166: 194-210.
- Coggi, G.; Dell'orto, P.; Braidotti, P.; Coggi, A. and Viale, G. (1989):
Coexpression of intermediate filaments in normal and neoplastic human
tissues. *Ultrastruct. Pathol.*, 13: 501-514.
- Compagno, J. and Oertel, J.E. (1980):
Malignant lymphoma and other lymphoproliferative disorders of the
thyroid gland: A clinicopathologic study of 245 cases. *Am. J. Clin. Pathol.*,
74: 1-11.
- Cooke, P. (1976):
A filamentous cytoskeleton in vertebrate smooth muscle fibers. *J. Cell.
Biol.*, 68: 530-556.
- Cooper, D.; Schermer, A. and Sun, T.T. (1985):
Classification of human epithelia and their neoplasms using monoclonal
antibodies to keratins: *Lab. Invest.*, 52: 243-256.
- Crown, D.J. and Gown, A.M. (1989):
Review of selected lineage-Directed antibodies useful in routinely
processed tissues. *Arch. Pathol. Lab. Med.*, 113:645-652.
- Cunliffe, W.J. (1968):
A calcitonin-secreting thyroid carcinoma. *Lancet*, 2: 63-66.
- Davila, R.M.; Bedrossian, C.W.M. and Silverberg, A.B. (1988):
Immunocytochemistry of the thyroid in surgical and cytologic specimens.
Arch. Pathol. Lab. Med., 112: 51-56.
- Deftos, L.J. (1974):
Radioimmunoassay for calcitonin in medullary thyroid carcinoma.
J.A.M.A., 227: 403-406.
- Deftos, L.J.; Bone, H.G. and Burton, D. (1980):
Immunohistological studies of medullary thyroid carcinoma and C cell
hyperplasia. *J. Clin. Endocrinol. Metab.*, 51: 857-862.
- DeLellis, R.A.; Nunnemacher, G. and Wolfe, H.J. (1978):
C-cell hyperplasia: An Ultrastructure analysis. *Lab. Invest.*, 36: 237-249.
- Deligdisch, L.; Subhani, Z. and Gordon, R.E. (1980):
Primary mucinous carcinoma of the thyroid gland. *Cancer*, 39: 210-217.

- Deligeorgi-Politit, H. (1988):
Nuclear crease as a cytodagnostic feature of papillary thyroid carcinoma in fine needle aspiration biopsies. *Diagn. Cytopathol.*, 3: 307-310.
- DeMicco, C.; Ruf, J.; Carayon, P.; Chrestian, M.A.; Henry, J.F. and Joga, M. (1987):
Immunohistochemical study of thyroglobulin in thyroid carcinoma with monoclonal antibodies. *Cancer*, 59: 471-476.
- Dockhorn, B.; Franke, W.W.; Franssila, K. and Bloom, G. (1987):
Pattern of cytoskeletal proteins in human thyroid gland and thyroid carcinoma. *Differentiation*, 35: 53-71.
- Dominguez-Malagon, H.; Delgado-Chavez, R.; Torres-Najera, M.; Gould, E. and Albores-Saavedra, J. (1989):
Oxyphilic and squamous variants of medullary thyroid carcinoma. *Cancer*, 63: 1183-1188.
- Doniach, I. (1978):
The thyroid gland. In *Systemic Pathology* vol. (4) (2nd ed.), W. St. C. Symmers, Ed. Churchill Livingstone and London, 2022-2025.
- Donnell, C.A.; Pollock, W.J. and Sybers, W.A. (1987):
Thyroid carcinosarcoma. *Arch. Pathol. Lab. Med.*, 111: 1169-1172.
- Editorial (1983):
Plasma calcitonin in medullary thyroid carcinoma. *Lancet*, 1: 338-339.
- Egloff, B. (1983):
Hemangioendothelioma of the thyroid. *Virch. Arch. Pathol. Anat.*, 400: 119-142.
- Eimoto, T.; Naito, H.; Hamada, S.; Masuda, M. and Harada, T. (1987):
Papillary carcinoma of the thyroid. A histochemical, immunohistochemical and ultrastructural study with special reference to the follicular variant. *Acta. Pathol. Jpn.*, 37: 1563-1579.
- Erlandson, R.A. (1989): Cytoskeletal proteins including myofilaments in human tumors. *Ultrastruct. Pathol.*, 13: 155-186.
- Esmaili, H.J.; Hafez, G.R. and Warren, T.F.C.S. (1983):
Anaplastic carcinoma of the thyroid with osteoclastoma-like giant cells. *Cancer*, 52: 2122-2128.
- Evans, H.L. (1984):
Follicular neoplasms of the thyroid. A study of 44 cases followed for a minimum 10 years, with emphasis on differential diagnosis. *Cancer*, 54: 535-540.

- Evans, H.L. (1985):
Columnar cell carcinoma of the thyroid. A report of two cases of an aggressive variant of the thyroid carcinoma. *Am. J. Clin. Pathol.*, 85: 77-80.
- Fawcett, D.W. (1981):
The Cell. 2nd edition, Toronto, W. B. Saunders, p.39.
- Feldman, T.M. and Wells, S.A. (1981):
Case report: tissue level of monoamines and monoamine metabolizing enzymes in medullary carcinoma and other thyroid diseases. *Am. J. Med. Scin.*, 282(1): 34-40.
- Fernandes, B.J.; Bedrad, Y.C. and Rosen, I. (1982):
Mucus-producing medullary cell carcinoma of the thyroid gland. *Am. J. Clin. Pathol.*, 78: 536-540.
- Fisher, C. (1986):
Synovial sarcoma: Ultrastructural and immunohistochemical features of epithelial differentiation in monophasic and biphasic tumors. *Hum. Pathol.*, 17: 996-1008.
- Fisher, E.R.; Gregorio, R.; Housat, B. and Hubay, C. (1974):
The derivation of so called "giant and spindle cell" undifferentiated thyroid neoplasms. *Am. J. Clin. Pathol.*, 61: 680-689.
- Flynn, S.D.; Forman, B.H.; Stewart, A.F. and Kinder, B.K. (1988):
Poorly differentiated ("insular") Carcinoma of the thyroid gland: An aggressive subset of differentiated thyroid neoplasms. *Surgery*, 104: 963-970.
- Foster, E.A. and Levine, A.J. (1963):
Mucin production in metastatic carcinoma. *Cancer*, 16: 506-516.
- Franc, B.; Houcke, M. and Caillou, B. (1984):
A diagnostic conditions in medullary carcinoma of the thyroid gland. *Ann. Pathol.*, 4: 393-398.
- Frank, U. (1987):
Biochemistry of hormones: I Hormone receptor steroid and thyroid hormones. In "Biochemistry with Clinical Correlations, 2nd edition, Thomas M., Devlin E. (Eds). John Wiley and Sons, New York, Toronto, Chichester, p.470.
- Franke, W.W.; Schiller, D.L.; Mall, R.; Winter, S.; Schmid, E. and Engelbrecht, I. (1981):
Diversity of cytokeratin differentiation specific expression of cytokeratin polypeptides in epithelial cells and tissues. *J. Mol. Biol.*, 153: 933-938.

- Franssila, K.O. (1971):
Value of histologic classification of thyroid cancer. *Acta. Pathol. Micro. Scand. Supp.*, 255: 5-76.
- Franssila, K.O. (1973):
Is the differentiation between papillary and follicular thyroid carcinoma, valid? *Cancer*, 32: 853-865.
- Franssila, K.O. (1975):
Prognosis in thyroid carcinoma. *Cancer*, 36: 1138-1146.
- Franssila, K.O. (1984): Case 13. In Zampi, G.; Carcongiu, M.L.; Rosai, J. (eds.): *International workshop on thyroid tumor pathology*. San. Miniato, Italy.
- Franssila, K.O.; Ackerman, L.V.; David, R. and Kim, K.M. (1985):
Follicular carcinoma. *Sem. Diag. Pathol.*, 2: 101-122.
- Freeman, G.; Berg, J.W. and Culter, S.J. (1972):
Occurance and prognosis of extranodal lymphomas. *Cancer*, 29: 252-260.
- Gaal, J.M.; Horvath, E. and Kovacs, K. (1975):
Ultrastructure of two cases of anaplastic giant cell tumor of the human thyroid gland. *Cancer* 35: 1273-1279.
- Gabbiani, G.; Kapanci, Y.; Barazzone, P. and Franke, W.W. (1981):
Immunohistochemical identification of intermediate-sized filaments in human neoplastic cells. *Am. J. Pathol.*, 104: 206-216.
- Garcia-Bunnell, R.; Anton, E. and Branders, D. (1972):
The development of lysosomes in human fetal thyroid in correlation with the onset of functional maturation. *Endocrinology*, 91: 438-449.
- Gatter, K.C.; Abdulaziz, Z.; Beverley, P.; Mueller, H. and Warnke, R.A. (1982):
Use of monoclonal antibodies for the histopathological diagnosis of human malignancies. *J. Clin. Pathol.*, 35: 1523-1567.
- Gatter, K.C.; Alcock, C.; Heryet, A. and Moson, D.Y. (1985):
Clinical importance of analysing malignant tumors of uncertain origin with immunohistological techniques. *Lancet*, i.: 1302-1305.
- Gatter, K.C.; Alcock, C.; Heryet, A.; Pulford, K.A.; Heyderman, E. and Moson, D.Y. (1984):
The differential diagnosis of routinely processed anaplastic tumors using monoclonal antibodies. *Am. J. Clin. Pathol.*, 82: 33-43.

- Getaz, P.E.; Shimaoka, K. and Rao, U. (1979):
Anaplastic carcinoma of the thyroid following external irradiation.
Cancer, 43: 2248-2253.
- Ghadially, F.N. (1985):
Collecting and processing tissue for diagnostic electron microscopy. In:
Diagnostic electron microscopy of tumors. 2nd ed. Butter Worth and Co.
London, Boston, Toronto, 3-10.
- Ghadially, F.N.; Lalonde, J.M.A. and Dick, C.E. (1978):
A mechanism of formation of desmosome-like structures between
synovial cells. *Experientia*, 34: 1212-1223.
- Gould, V.E.; Johannessen, J.V. and Sobrinho-Simoes, M. (1981):
The thyroid gland. In "Electron Microscopy in Human Medicine,
Endocrine Organs", Vol.10, Johannessen, J.V. (ed.). New York,
McGraw-Hill, p.29.
- Gould, V.E.; Wiedenmann, B. and Benditt, E.P. (1972):
Ultrastructure aspects of papillary and sclerosing carcinomas of the
thyroid. *Cancer*, 29: 1613-1625.
- Gown, A.M. and Vogal, A.M. (1984):
Monoclonal antibodies to human intermediate filament protein. *Am. J.
Pathol.*, 114: 309-315.
- Gramer, S.F.; Bradshaw, R.A.; Baglan, M.R. and Meyers, J.A. (1979):
Nerve growth factor in medullary carcinoma of the thyroid. *Hum. Pathol.*,
10: 731-736.
- Gray, A. and Doniach, I. (1969):
Morphology of the nuclei of the papillary carcinoma of the thyroid. *Br. J.
Cancer*, 23: 49-55.
- Grimelius, L. (1968):
A silver nitrate stain for A2-cells in human pancreatic islets. *Acta. Soc.
Med. Ups.*, 73: 243-247.
- Gyorkey, F.; Min, K.W.; Krisko, I. and Gyokkey, R. (1975):
The usefulness of electron microscopy in the diagnosis of human tumors.
Hum. Pathol., 6: 421-440.
- Hales, M.; Rosenau, W.; Okerlund, M.D.; Hasen, H.S. and Rasmussen, B.
(1982):
Carcinoma of the thyroid with a mixed medullary and follicular pattern.
Cancer, 50: 1352-1358.
- Hamburger, J.I.; Miller, J.M. and Kini, S.R. (1983):
Lymphoma of the thyroid. *Ann. Intern. Med.*, 99: 685-693.

- Hapke, M.R. and Dehner, L.P. (1979):
The optically clear nucleus: A reliable sign of papillary carcinoma of the thyroid. *Am. J. Surg. Pathol.*, 3: 31-38.
- Harach, H.R. (1986):
Solid cell nests of the human thyroid in early stages of postnatal life. *Acta. Anat.*, 127: 262-264.
- Harach, H.R. (1988):
Solid cell nests of the thyroid. *J. Pathol.*, 155: 191-200.
- Harach, H.R. and Bergholm, U. (1988):
Medullary (C cell) carcinoma of the thyroid with features of follicular oxyphilic tumors. *Histopathology*, 13: 645-656.
- Harach, H.R. and Franssila, K.O. (1988):
Thyroglobulin immunostaining in follicular thyroid carcinoma: Relation to the degree of differentiation and cell type. *Histopathology*, 13: 43-54.
- Harach, H.R. and Williams, E.D. (1983):
Glandular (Tubular and follicular) variants of medullary carcinoma of the thyroid. *Histopathology*, 7: 83-97.
- Hashimoto, H.; Koga, S.; Watanabe, H. and Enjoji, M. (1980):
Undifferentiated carcinoma of the thyroid gland with osteoclast-like giant cells. *Acta. Pathol. Jpn.* 30: 323-334.
- Hassanein, A.G.; Mokhtar, N.M. and Abdel Hamid, N.A. (1988):
Immunological and histochemical characterization of medullary carcinoma of thyroid. *J. Egypt. Cancer, Insist.*, 3: 137-149.
- Hatzfeld, M. and Franke, W.W. (1985):
Pair formation and promiscuity of cytokeratins: Formation in vitro of heterotypic complexes and intermediate sized filaments by homologous and heterologous recombinations of purified polypeptides. *J. Cell Biol.*, 101: 1826-1841.
- Hawk, W.A. and Hazard, J.B. (1973):
The many appearances of the papillary carcinoma of the thyroid. *Cleveland Clin. Quart.*, 43: 207-216.
- Hazard, J.B. (1977):
The C cells (parafollicular cells) of the thyroid gland and medullary thyroid carcinoma. *Am. J. Pathol.*, 88: 214-249.
- Hazard, J.B.; Hawk, W.A.; Crile, G. (1959):
Medullary solid carcinoma of the thyroid. A clinicopathological entity. *J. Clin. Endocrinol. Metabol.*, 19: 152-161.

- Hazard, J.B. and Kenyon, R. (1954):
A typical adenoma of the thyroid. *Arch. Pathol.*, 58: 554-563.
- Hayashi, Y. and Tokuoka, S. (1979):
Anaplastic carcinoma of the thyroid gland: An ultrastructure study of four cases. *Acta Pathol. Jpn.*, 29: 119-133.
- Hedinger, C.E. (1969):
Sarcoma of the thyroid gland. In "Thyroid Cancer", Edited by Hedinger C.E. Heidelberg Springer-Verlag, p.47.
- Hedinger, C.H.R. (1981):
Geographic pathology of thyroid disease. *Pathol. Res. Pract.*, 171:285-292
- Hedinger, C.H.R.; Sobin, L.H. (1974):
Histological typing of thyroid tumors. International Histological Classification of Tumors, No.11. Geneva: WHO.
- Hedinger, C.H.R.; Williams, D. and Sobin, L. (1989):
The WHO histologic classification of thyroid tumors. A commentary on the second edition. *Cancer*, 63: 908-911.
- Hegedus, L.; Karstrup, S. and Rasmussen, N. (1986):
Evidence of cyclic alternation of thyroid size during the menstrual cycle of a healthy women. *Am. J. Obstet. Gynecol.*, 155: 142-145.
- Heimann, P. (1966):
Ultrastructural of human thyroid. *Acta Endocrinol.*, 53(Suppl. 110): 5-102.
- Heitz, P.; Moser, H. and Staub, J. (1976):
Thyroid cancer. A study of 573 thyroid tumors and 161 autopsy cases observed over a thirty years period. *Cancer*, 37: 2329-2337.
- Henzen-Logmans, S.C.; Mullink, H.; Ramackers, F.C.S.; Tadema, T. and Meijer, C.J.L.M. (1987):
Expression of cytokeratins and vimentin in epithelial cells of normal and pathologic thyroid tissue. *Virch. Arch. Pathol. Anat.*, 410: 347-354.
- Heppe, H.; Armin, A. and Heimann, P. (1985):
Hurthle cell tumors of the thyroid gland. *Surgery*, 98: 1162-1165.
- Hill, C.S.; Ibanez, M.L. and Munson, P.L. (1973):
Medullary (solid) carcinoma of the thyroid gland. *Medicine*, 52: 141-171.
- Hillyard, C.J.; Evans, I.M.A. and Commbes, R.C. (1978):
Familial medullary thyroid carcinoma. *Lancet*, 1: 1009-1011.

- Hoefler, H.; Denk, H.; Mullink, M. and Williams, E.D. (1986):
Immunocytochemical demonstration of intermediate filament
cytoskeleton proteins in human endocrine tissues and (nano-) endocrine
tumors. *Virch. Arch. Pathol. Anat.*, 409: 609-626.
- Hollenberg, C.H. (1983):
Medullary carcinoma of the thyroid. *Arch. Otolaryngol.*, 109: 103-105.
- Howieson-Gibson, W.C.; Peng, T.C. and Croker, B.P. (1980):
C-cell nodules in adult human thyroid. A common autopsy findings. *Am.
J. Clinl. Pathol.*, 73: 347-350.
- Huang, S.N. and Goltzman, D. (1978):
Electron and immunoelectron microscopic study of thyroidal medullary
carcinoma. *Caner*, 41: 2226-2233.
- Hurlimann, J.; Gardiol, D. and Scazziga, B. (1987):
Immunohistology of anaplastic thyroid carcinoma. A study of 43 cases.
Histopathology, 11: 567-580.
- Ibanez, M.L. (1974):
Medullary carcinoma of the thyroid gland. *Pathol. Ann.*, 9: 263-290.
- Ishikawa, N. and Hamada, S. (1976):
Association of medullary carcinoma of the thyroid with carcinoembryonic
antigen. *Br. J. Cancer*, 84: 111-115.
- Ito, J.; Naguchio, S.; Murakomi, N.; Nogouchi, A. (1980):
Factors affecting the prognosis of patients with carcinoma of the thyroid.
Surg. Gynecol. Obstet., 150: 539-544.
- Joa, W. and Gould, V.E. (1975):
Ultrastructure of anaplastic (spindle and giant cell) carcinoma of the
thyroid. *Cancer*, 35: 1280-1292.
- Joensuu, H.; Klemi, P. and Eorola, E. (1987):
DNA aneuploidy in follicular adenomas of the thyroid gland. *Am. J.
Pathol.*, 124: 373-376.
- Johannessen, J.V. (1977):
Use of paraffin material for electron microscopy. *Pathol. Ann.*, 12: 189-
193.
- Johannessen, J.V.; Gould, V.E. and Jao, W. (1978): The fine structure of
human thryoid cancer. *Hum. Pathol.*, 9: 385-400.

- ×• Johannessen, J.V. and Sobrinho-Simoes, M. (1980):
The origin and significance of thyroid psammoma bodies. *Lab. Invest.*, 43: 287-288.
- Johannessen, J.V. and Sobrinho-Simoes, M.A. (1982):
Follicular carcinoma of the human thyroid gland: An ultrastructure study with emphasis on scanning electron microscopy. *Diagn. Histopathol.*, 5: 113-127.
- Johannessen, J.V. and Sobrinho-Simoes, M. (1983):
Well differentiated thyroid tumors-problems in diagnosis and understanding. *Pathol. Ann.*, 18: 255-275.
- Johannessen, J.V.; Sobrinho-Simoes, M.; Finseth, I. and Pilstrom, L. (1981):
A flow cytometric-DNA analysis of papillary thyroid carcinoma. *Lab. Invest.*, 45: 336-345.
- Johnson, T.L.; Lloyd, R.V. and Vickery, A.L. (1987):
Hurthle cell thyroid tumors: An immunohistochemical study. *Cancer*, 59: 107-112.
- Kahn, N. and Perzin, K.H. (1983):
Follicular carcinoma of the thyroid: An evaluation of the histologic criteria used for diagnosis. *Pathol. Ann.*, 18(part I): 221-253.
- Kakudo, K.; Carney, J.A. and Sizemore, G.W. (1985):
Medullary carcinoma of thyroid. Biologic behaviour of familial and sporadic neoplasms. *Cancer*, 55: 2818-2821.
- Kakudo, K.; Miyauchi, A.; Lloyd, R.V. and Thor, A. (1987):
Ultrastructural study of poorly differentiated medullary carcinoma of the thyroid. *Virch. Arch. Pathol. Anat.*, 410: 455-460.
- Kakudo, K.; Miyauchi, A. and Spurlock, B.O. (1978):
Medullary carcinoma of the thyroid: Giant cell type. *Arch. Pathol. Lab. Med.*, 102: 445-447.
- Kakudo, K.; Miyauchi, A.; Takai, S.; Katayama, S.; Kuma, K. and Kitamura, H. (1979):
C-cell carcinoma of the thyroid: Papillary type. *Acta. Pathol. Jpn.*, 29: 653-659.
- Kameda, Y.; Harada, T. and Ikeda, A. (1979):
Immunohistochemical study of the medullary thyroid carcinoma with reference to C-thyroglobulin reaction of tumor cells. *Cancer*, 44: 2071-2082.

- Kamma, H.; Fujii, K. and Ogota, T. (1988):
Lymphocytic infiltration in juvenile thyroid carcinoma cancer 62: 1988-1993.
- Kapadia, S.B.; Dekker, A.; Chency, V.; Desai, V. and Watson, C.G. (1982):
Malignant lymphoma of the thyroid gland: A clinicopathologic study. Head Neck Surg., 4: 270-280.
- Kapp, D.S.; Livolsi, V.A. and Sanders, M.M. (1982):
Anaplastic carcinoma, following well-differentiated thyroid cancer: etiologic considerations. Yale. J. Biol. Med., 55: 521-528.
- Karciolgu, Z.A. and Someren, A. (1985):
Medullary carcinoma. In "Practical Surgical Pathology", 1st edition. The Collamore Press, Lexington, Massachusetts, Toronto.
- Katoh, R.; Jasani, B. and Williams, E.D. (1989):
Hyalinizing trabecular adenoma of the thyroid. A report of three cases with immunohistochemical and ultrastructural studies. Histopathology, 15: 211-224.
- Kawahara, E.; Nakanishi, I. and Ierahata, S. (1988):
Leiomyosarcoma of the thyroid gland. A case report with comparative study of five cases of anaplastic carcinoma. Cancer, 62: 2558-2563.
- Kawaoi, A.; Okano, T.; Nemoto, N.; Shiina, Y. and Shikata, T. (1982):
Simultaneous detection of thyroglobulin (Tg), thyroxine (T4) and triiodothyronine (T3) in non toxic thyroid tumors by the immunoperoxidase method. Am. J. Pathol., 108: 39-49.
- Kerjaschki, D.; Krisch, K. and Lusson, J.R. (1979):
The structure of tight junction in human thyroid tumors. Am. J. Pathol., 96: 207-226.
- Key, C.R. (1971):
Carcinoma of the thyroid. Hum. Pathol., 2: 521-523.
- Kini, S.R.; Miller, J.M. and Krisch, I. (1984):
Cytopathologic features of medullary carcinoma of the thyroid. Arch. Pathol. Lab. Med., 108: 156-159.
- Klonoff, D.C. and Greenspan, F.S. (1982):
The thyroid nodule. Adv. Intern. Med., 27: 101-115.
- Knowles, D.M. (1985):
The extranodal lymphoid infiltrate: A diagnostic dilemma. Semin. Diagn. Pathol., 2: 147-151.

- Kobayashi, S.; Yamadori, I. and Shimooka, K. (1987):
Anaplastic carcinoma of the thyroid with osteoclast-like giant cells. *Acta Pathol. Jpn.*, 37: 807-815.
- Kodama, T.; Fujino, M.; Endo, Y.; Obara, T.; Fujimoto, Y.; O.D.A. and Wada, T. (1980):
Identification of carcinoembryonic antigen in the C-cell of normal thyroid. *Cancer*, 45: 98-101.
- Kohno, Y.; Tarutani, O.; Sakota, S. and Nakajima, H. (1985):
Monoclonal antibodies to thyroglobulin elucidate differences in protein structure of thyroglobulin in healthy individuals and those with papillary adenocarcinoma. *J. Clin. Endocrinol. Metabol.*, 61: 343-352.
- Krish, K.; Krish, I.; Horvat, G. and Ulrich, W. (1985):
The value of immunohistochemistry in medullary thyroid carcinoma: A systemic study of 36 cases. *Histopathology*, 9: 1077-1089.
- Kruseman, A.C.N.; Bosman, F.T.; Bergen-Henegouw, J.C. and De la Riviere, G.B. (1982):
Medullary differentiation of anaplastic thyroid carcinoma. *Am. J. Clin. Pathol.*, 77: 541-547.
- Kurtin, P.J. and Pinkus, G.S. (1985):
Leucocytic common antigen - a diagnostic discriminate between hematopoietic and non hemato poietic neoplasms in paraffin section using monoclonal antibodies. *Hum. Pathol.*, 16: 353-365.
- Lacave, I.M.; Campora, R.C.; Fernandez, A.M. and Gallego, F.S. (1987):
Mucosubstances in medullary carcinomas of the thyroid. *Histopathology*, 13: 55-66.
- Landon, G. and Ordonez, N.G. (1985):
Clear cell variant of medullary carcinoma of the thyroid. *Hum. Pathol.*, 16: 844-847.
- Lang, W.; Chortiz, H. and Hundeshagen, H. (1986):
Risk factors in follicular thyroid carcinomas. A retrospective follow up study covering 14 years period with emphasis on morphological findings. *Am. J. Surg. Pathol.*, 10: 246-255.
- Lang, W.; Georgii, G. and Chortiz, H. (1980):
The differentiation of atypical adenomas and encapsulated follicular carcinoma in the thyroid gland. *Virch. Arch. Patho. Anat.*, 385: 125-141.
- Lawson, W. and Biller, H. (1983):
The solitary thyroid nodule. *Am. J. Otolaryn.*, 4: 43-73.

- Lee, T.K.; Myers, R.T.; Teillet, M.A. and Schiller, A.L. (1985):
The significance of mitotic rate retrospective study of 127 thyroid carcinoma. *Hum. Pathol.*, 16: 1042-1046.
- Lippman, S.M.; Mendelsohn, G.; Trump, D.L.; Well, S.A. and Baylin, S.B. (1982):
The prognostic and biological significance of cellular heterogeneity in medullary thyroid carcinoma: A study of calcitonin, L-dopa decarboxylase and histaminase. *J. Clin. Endocrinol. Metabol.*, 54: 233-240.
- Livingstone, D.J. and Sandison, A.T. (1962):
Osteogenic sarcoma of the thyroid. *Br. J. Surg.*, 50: 291-293.
- LiVolsi, V.A.; Brooks, J.J. and Arendsen-Durand, B. (1987):
Anaplastic thyroid tumor. Immunohistology. *Am. J. Clin. Pathol.*, 87: 434-442.
- LiVolsi, V.A. and Merino, M.A. (1981): Histopathologic differential diagnosis of the thyroid. *Pathol. Annu.*, 2: 357-406.
- Ljungberg, O.; Bondeson, L. and Bondeson, A.G. (1984):
Differentiated thyroid carcinoma intermediate type: A new entity with features of follicular and parafollicular cell carcinoma. *Hum. Pathol.*, 15: 218-288.
- Ljungberg, O.; Erricson, U.B.; Bondeson, L. and Thorell, J.A. (1983): A compound follicular and parafollicular cell carcinoma of the thyroid: A new tumor entity? *Cancer*, 52: 1053-1661.
- Lloyd, R.V.; Johnson, T.L.; Sisson, J.C. and Wilson, B.S. (1986):
Detection of HLA-DR antigens in paraffin embedded thyroid epithelial cells with a monoclonal antibody. *Am. J. Pathol.*, 120: 106-111.
- LoGerfo, P.; LiVolsi, V.; Colacchio, D. and Feird, C. (1978):
Thyroglobulin production by thyroid cancer. *J. Surg. Res.*, 24: 218-232.
- Logmans, S.C. and Jobsis, A. (1984):
Thyroid associated antigens in routinely embedded carcinomas. Possibilities and limitations studies of 116 cases. *Cancer*, 54: 274-279.
- Mambo, N.C. and Irwin, S.M. (1985):
Anaplastic small cell neoplasms of the thyroid: An immunoperoxidase study. *Hum. Pathol.*, 15: 55-60.
- Marcus, J.; Dize, C.A. and Livolsi, V. (1982):
Melanin production in medullary thyroid carcinoma. *Cancer*, 49: 2518-2526.

- Martinelli, G.; Bazzocchi, F.; Govoni, E. and Santini, D. (1983):
Anaplastic type of medullary thyroid carcinoma. An ultrastructural and immunohistochemical study. *Virch. Arch. Pathol. Anat.*, 400: 61-67.
- Maurer, R.; Taylor, C.R.; Terry, R. and Lukes, R.J. (1979):
Non-Hodgkin's lymphomas of the thyroid: A clinicopathological review of 29 cases applying the lukes-collins classification and an immunoperoxidase method. *Virch. Arch. Pathol. Anat. Histo.*, 383: 293-317.
- Meissner, W.A. and Warren, J. (1969):
Tumors of the thyroid gland. In "Atlas of Tumor Pathology", Fascicle 4, 2nd series. Armed Forces Institute of Pathology, Washington, D.C., p.133.
- Meissner, W.A. and Warren, S. (1982):
Tumors of the thyroid gland. In "Atlas of Tumor Pathology". Armed Forces Institute of Pathology. Washington, D.C., p.112.
- Mendelsohn, G. (1984):
Signet cell-simulating microfollicular adenoma of the thyroid. *Am. J. Surg. Pathol.*, 8: 705-710.
- Mendelsohn, G.; Bigner, S.H.; Eyleston, J.C.; Baylin, S.B. and Wells, S.A. (1980):
Anaplastic variants of medullary thyroid carcinoma. *Am. J. Surg. Pathol.*, 4: 333-341.
- Mendelsohn, G.; Eggleston, J.; Weisurger, W.; Gann, D. and Baylin, S. (1978):
Calcitonin and histaminase in cell hyperplasia and medullary thyroid carcinoma. *Am. J. Pathol.*, 92: 32-35.
- Mendelsohn, G.; Wells, A.S. and Stephen, B.B. (1984):
Relationship of tissue carcinoembryonic antigen and calcitonin to tumor virulence in medullary thyroid carcinoma. An immunohistochemical study in early, localized, and virulent disseminated stages of disease. *Cancer*, 54: 657-662.
- Merlino, G.; Barresi, G.; Tuccari, G. and Bussolati, G. (1985):
Histogenesis of anaplastic carcinomas of the thyroid, giant cell variety: Immunohistochemical investigation. *Appl. Pathol.*, 8: 269-290.
- Michels, S.; Swanson, P.E.; Frissera, G. and Wick, M.R. (1987):
Immunostaining for leukocytic common antigen using an amplified avidin biotin peroxidase complex method on paraffin sections. *Arch. Pathol. Lab. Med.*, 111: 1035-1039.

- Miettinen, M.; Franssila, K.; Letho, V.P.; Paasivuo, R. and Virtanen, I. (1984a): Expression of intermediate filaments proteins in thyroid gland and thyroid tumors. *Lab. Invest.*, 50: 262-270.
- Miettinen, M.; Letho, V.P. and Virtanen, I. (1984b): Antibodies to intermediate proteins in the diagnosis and classification of human tumors. *Ultrastruct. Pathol.*, 7: 83-107.
- Mills, S.E. and Allen, M.S. (1986): Congenital occult papillary carcinoma of the thyroid gland. *Hum. Pathol.*, 17: 1179-1181.
- Mills, S.E.; Stallings, R.G. and Austin, M.B. (1986): Angiomatoid carcinoma of the thyroid gland: Anaplastic carcinoma with follicular and medullary features mimicking angiosarcoma. *Am. J. Clin. Pathol.*, 86: 674-678.
- Mlynec, M.L.; Richter, H.J. and Leder, L.D. (1985): Mucin in carcinomas of the thyroid. *Cancer*, 56: 2647-2650.
- Moll, R.; Franke, W.W.; Schiller, D.L.; Geiger, B. and Krepler, R. (1982): The catalogue of human cytokeratins. Patterns of expression in normal epithelia, tumors and cultured cells. *Cell*, 31: 11-24.
- Monaco, F.; Carducci, C.; De Luca, M. and Andereoli, M. (1984): Human undifferentiated thyroid carcinoma synthesizes and secretes 19S thyroglobulin. *Cancer*, 54: 79-83.
- Monaco, F.; Monaco, G. and Andereoli, M. (1975): Thyroglobulin biosynthesis in "cold" and "hot" nodules in human thyroid gland. *J. Clin. Endocrinol. Metabol.*, 41: 253-259.
- Morris, H.R.; Panico, M.; Etienne, T.; Tioppnis, J.; Girgis, S.I. and MacIntyre, Y. (1984): Isolation and characterization of human calcitonin gene-related peptide. *Nature*, 308: 746-748.
- Nakayama, I.; Noguchi, S.; Yamashita, H.; Murakami, N.; Moriuchi, A. and Noguchi, A. (1983): Immunoelectron microscopic localization of thyroglobulin in human follicular adenoma. *Acta. Pathol. Jpn.*, 33: 1139-1150.
- National Institute Sponsored (1982): Study of classification of non-Hodgkin's lymphoma. Summary and description of a working formulation for clinical usage. *Cancer*, 49: 2112-2135.

- Nesland, J.M.; Sobrinho-Simoes, M.A.; Holm, R.; Sambade, M.C. and Johannessen, J.V. (1985):
Hurthle cell lesions of the thyroid: A combined study using transmission electron microscopy, scanning electron microscopy and immunohistochemistry. *Ultrastruct. Pathol.*, 8: 269-290.
- Newland, J.R.; Mackay, B.; Hill, C.S. Jr. and Hickey, R.C. (1981):
Anaplastic thyroid carcinoma: An ultrastructural study of 10 cases. *Ultrastr. Pathol.*, 2: 121-129.
- Nishiyama, R.H.; Dunn, E.L. and Thompson, N.W. (1971):
Anaplastic spindle - cell and giant cell tumors of the thyroid gland. *Cancer*, 30: 113-127.
- Nitsch, L.; Tramontano, D. and Norris, E.H. (1985): Morphological and functional polarity of an epithelial thyroid cell line. *Europ. J. Cell. Biol.*, 38: 57-66.
- Norman, T.; Johannessen, J.V.; Gautvik, L.; Olsen, B.R. and Brennhoved, I.D. (1976):
Medullary carcinoma of the thyroid: Diagnostic problems. *Cancer*, 38: 366-377.
- Norris, E.H. (1937):
The parathyroid glands and the lateral thyroid in man. Their morphogenesis, histogenesis, topographic anatomy and prenatal growth. *Contrib. Embryol. Carneg. Inst.*, 159: 249-294.
- Oertel, J.E. and Heffes, C.S. (1987):
Lymphoma of the thyroid and related disorders. *Semi. Oncol*, 14: 333-342
- O'Leary, T.J. and Levin, I.W. (1985):
Secondary structure of endocrine amyloid: infrared spectroscopy of medullary carcinoma of the thyroid. *Lab. Invest.*, 53: 240-242.
- Osborn, M. and Weber, K. (1983):
Tumor diagnosis by intermediate filament typing: A novel tool for surgical pathology. *Lab. Invest.*, 48: 372-394.
- O'Toole, K.; Fenoglio-Periser, C. and Pushparaj, N. (1985):
Endocrine changes associated with the human aging process III Effect of age on the number of calcitonin immunorelative cells in the thyroid gland. *Hum Pathol.*, 16: 991-998.
- Pauli, B.U. (1983):
Intercellular junctions in tumor diagnosis. *Ultrastruct. Pathol.*, 5(203): III.

- Pauli, B.U.; Cohen, S.M.; Alroy, J. and Weinstein, R.S. (1978):
Desmosome ultrastructure and the biologic behaviour of the chemical carcinogen induced urinary bladder carcinomas. *Cancer. Res.*, 38: 3276-3281.
- Pearse, A.G.E. and Polak, J.M. (1971):
Cytochemical evidence for the neural crest origin of mammalian ultimobranchial C cells. *Histochemie*, 27: 96-102.
- Permanetter, W.; Nathrath, W.B.J. and Lohrs, U. (1982):
Immunohistochemical analysis of thyroglobulin and keratin in benign and malignant thyroid tumors, *Virch. Arch. Pathol. Anat.*, 393: 221-228
- Pizzolo, G.; Soloane, J.; Beverley, P. and Pintus, G.S. (1980):
Differential diagnosis of malignant lymphoma and non lymphoid tumors using monoclonal antileucocyte antibody. *Cancer*, 46: 2640-2647.
- Poston, R.N. and Sibdhu, Y.S. (1986):
Diagnosing tumors on routine surgical sections by immunohistochemistry: Use of cytokeratin, common leucocyte and other markers. *J. Clin. Pathol.*, 39: 514-523.
- Quinonez, G. and Simon, G.T. (1988):
Cellular junctions in a spectrum of human malignant tumors. *Ultrastruct. Pathol.*, 12: 389-405.
- Rafla, S. (1969):
Anaplastic tumors of the thyroid. *Cancer*, 23: 657-668.
- Ralfkiaer, N.; Gatter, K.C.; Alcock, C.; Heryet, A.; Ralfkiaer, E. and Mason, D.Y.: (1985):
The value of immunocytochemical methods in the differential diagnosis of anaplastic thyroid tumors. *Br. J. Cancer*, 52: 167-170.
- Ramaekers, F.G.S.; Nieker, K.C.; Poels, L.; Schaafsma, E.; Huijsmans, A.; Robben, H. and Vooijs, P. (1990):
Use of monoclonal antibodies to keratin 7 in the differential diagnosis of adenocarcinomas. *Am. J. Pathol.*, 136: 641-655.
- Rasbach, D.A.; Mondschein, M.S.; Harris, N.L.; Kaufman, D.S. and Wang, C. (1985):
Malignant lymphoma of the thyroid gland: A clinical and pathologic study of twenty cases. *Surgery*, 98: 1166-1170.
- Rigaud, C.; Bogomoletz, W.V. (1987):
Mucin secretory and mucinous primary thyroid carcinomas: Pitfalls in mucin histochemistry applied to thyroid tumors. *J. Clin. Pathol.*, 40: 890-895.

- Rigaud, C.; Peltier, F. and Bogomoltez, W.V. (1985):
Mucin producing microfollicular adenoma of the thyroid. *J. Clin. Pathol.*, 38: 277-285.
- Roberts, C. (1968):
Sarcomata of the thyroid gland: A report of 2 cases. *J. Pathol. Bacteriol.*, 95: 537-540.
- Roediger, W.E.W. (1975):
The oxyphil and C cells of the human thyroid gland. *Cancer*, 36: 1758-1770.
- Rosai, J. (1981):
The thyroid gland. In "Surgical Pathology", Edited by Ackerman, , Vol.1., 6th edition St. Louis, Mosby Co., p.320.
- Rosai, J.; Saxen, E.A. and Woolner, L. (1985):
Undifferentiated and poorly differentiated carcinoma. *Sem. Diag. Pathol.*, 2: 123-136.
- Rosai, J.; Zampi, G. and Garcangui, M.L. (1983):
Papillary carcinoma of the thyroid. A discussion of its several morphologic expression, with particular emphasis on the follicular variant. *Am. J. Surg. Pathol.*, 7: 809-818.
- Rougier, P.H.; Calmettes, C. and Laplanche, A. and Spiller, I. (1983):
The value of calcitonin and carcinoembryonic antigen in treatment and management of non-familial medullary thyroid carcinoma. *Cancer*, 51: 855-862.
- Ruchti, C.; Gerber, H.A. and Schaffner, T. (1984):
Factor VIII-related antigen in malignant hemangioendothelioma of the thyroid: additional evidence for the endothelial origin of this tumor. *Am. J. Clin. Pathol.*, 82: 474-477.
- Ryff-De Leche, A.; Staub, J.J.; Kohler-Faden, R.; Muller-Brand, J. and Heitz, P. (1987):
Thyroglobulin production by malignant thyroid tumors: An immunohistochemical and radioimmunoassay study. *Cancer*, 57: 1145-1153.
- Saad, M.F.; Ordonez, N.G.; Guido, J.J. and Samaan, N.A. (1984a):
The prognostic value of calcitonin immunostaining in medullary carcinoma of the thyroid. *J. Clin. Endocrinol. Metabol.*, 59: 850-856.
- Saad, M.F.; Ordonez, N.G. and Rashid, R.K. (1984b):
A study of the clinicopathological features and prognostic factors in 161 patients. *Medicine*, 63: 319-324.

- Sakamoto, A.; Kasai, N. and Sugano, H. (1983):
Poorly differentiated carcinoma of the thyroid: A clinicopathologic entity for high-risk group of papillary and follicular carcinoma. *Cancer*, 52: 1849-1855.
- Sartan, L.; Sklar, C. and Key, C.R. (1983):
Thyroid neoplasms after high dose radiotherapy. *Am. J. Pediatr. Hematol. Oncol.*, 5: 307-309.
- Schelfhout, L.J.D.M.; Cornelisse, C.J. and Goslings, B.M. (1990):
Frequency and degree of aneuploidy in benign and malignant thyroid neoplasm. *Int. J. Cancer*, 45: 1-26.
- Schelfhout, L.J.D.M.; Van Muijen, G.P.N. and Fleuren, G.J. (1989):
Expression of keratin 19 distinguishes papillary thyroid carcinoma from follicular carcinoma and follicular thyroid adenoma. *Am. J. Clin. Pathol.*, 92: 654-658.
- Schmid, K.W.; Kroll, M. and Gerber, H.A. (1986): Small cell carcinoma of the thyroid. A reclassification of cases originally diagnosed as small cell carcinoma of the thyroid. *Pathol. Res. Pract.*, 181: 540-543.
- Schneider, A.B.; Ikekubo, K. and Kuma, K. (1983):
Iodine content of serum thyroglobulin in normal individuals and patients with thyroid tumors. *J. Clin. Endocrinol. Metabol.*, 57: 1251-1256.
- Schroder, S.; Bocker, W.; Baisch, H.; Burk, G.N.; Arps, H. and Meiners, I. (1988):
Prognostic factors in medullary thyroid carcinoma. Survival in relation to age, sex, histology, immunocytochemistry, and DNA content. *Cancer*, 61: 806-816.
- Schurmann, G.; Maftfeldt, T.; Feichter, G. and Moller, P. (1990):
Sterology, flow cytometry and immunohistochemistry of follicular neoplasm of the thyroid gland. *Hum. Pathol.*, 22: 179-184.
- Segal, K.; Sidi, J. and Schwartz, W. (1985):
Thyroid carcinoma in children and adolescents. *Ann. Otol. Rhinol. Laryngol.*, 94: 346-349.
- Selzer, G.; Kahn, L.B. and Albertyn, L. (1977):
Primary malignant tumors of the thyroid gland. A clinicopathologic study of 254 cases. *Cancer*, 40: 1501-1512.
- Shepard, T.H. (1967):
Onset of function in the fetal human thyroid: Biochemical and radioautographic studies from organ culture. *J. Clin. Endocrinol. Metabol.*, 27: 945-953.

- Shvero, J.; Gal, R.; Avidor, I.; Hador, T. and Kessler, E. (1988):
Anaplastic thyroid carcinoma. A clinical, histologic and immunohistochemical study. *Cancer*, 62: 319-325.
- Shin, W.Y.; Aftalion, B. and Getaz, P.E. (1979):
Ultrastructure of a primary fibrosarcoma of the human thyroid gland. *Cancer*, 44: 584-593.
- Shurbaji, M.S.; Gupta, P.K. and Frost, T.K. (1988):
Nuclear grooves: A useful criterion in the cytopathologic diagnosis of the papillary thyroid carcinoma. *Diagn. Cytopathol.*, 4: 91-94.
- Sikri, K.L.; Varendell, M.; Hamid, O.A.; Wilson, S.B.; Kameya, T.; Ponder, A.B. and Llyod, R. (1985):
Medullary carcinoma of the thyroid. An immunocytochemical and histochemical study of 25 cases using eight separate markers. *Cancer*, 56: 2481-2491.
- Silverberg, S.G. and De Giorgi, L.S. (1973):
Osteoclastoma like giant cell tumors of the thyroid. Report of a case with prolonged survival following partial excision and radiotherapy. *Cancer*, 31: 621-625.
- Simonton, S.C. and Sibley, R.K. (1984):
Immunohistochemical analysis of follicular and papillary thyroid tumors. *Abstract. Lab. Invest.*, 50: 55A.
- Sobrinho-Simoes, M.; Goncalves, V.; Sousele, F. and Cardoso, V. (1977):
A morphometric study of nuclei, nucleoli and nuclear bodies in goitres and papillary thyroid carcinomas. *Experientia*, 33: 1642-1650.
- Sobrinho-Simoes, M. and Johannessen, J.V. (1981):
Scanning electron microscopy of the human thyroid. *J. Submicro. Cyto.*, 13: 109-222.
- Sobrinho-Simoes, M.A.; Nesland, J.M.; Holm, R. and Johannessen, J.V. (1985):
Transmission electron microscopy and immunocytochemistry in the diagnosis of thyroid tumors. *Ultrastruct. Pathol.*, 9: 255-275.
- Sobrinho-Simoes, M.; Nesland, J.M. and Johannessen, J.V. (1988):
Columnar cell carcinoma. Another variant of poorly differentiated carcinoma of the thyroid. *Am. J. Clin. Pathol.*, 89: 264-267.
- Souhami, L.; Simpson, W.J. and Carruthers, J.S. (1980):
Malignant lymphoma of the thyroid gland. *Int. J. Radiat. Oncol. Biol. Phys.*, 6: 1143-1146.

- Spires, J.R.; Schwartz, M.R. and Miller, R.H. (1988):
Anaplastic thyroid carcinoma. Association with differentiated thyroid cancer. *Arch. Otolaryngol. Head. Neck. Surg.*, 114: 40-44.
- Stefaneanu, L.; Smionescu, L.; Aman, E. and Tasca, C. (1984):
Immunohistochemical demonstration of thyroglobulin in thyroid pathology. *Rev. Roum. Med. Endocrinol.*, 22: 55: 66.
- Stefaneanu, L. and Tasca, C. (1986):
Immunohistochemical localization of thyroglobulin (Tg), thyroxine (T4) and Triiodothyronin (T3) in thyroid disease. *Acta Histochem.*, 78: 7-18.
- Steinert, P.M.; Steven, A.C. and Roop, D.R. (1985):
The molecular biology of intermediate filaments. *Cell*, 42: 411-418.
- Sternberger, L.A.; Hardy, P.H.; Cuculis, J.J. and Meyer, H.G. (1970):
The unlabeled antibody enzyme method of immunohistochemistry. Preparation and properties of soluble antigen antibody complex (Horseradish peroxidase-anti-horseradish peroxidase) and its use in identification of spirochetes. *J. Histochem. Cytochem.*, 18: 315-333.
- Sundstrom, B.E.; Nathrath, W.B. and Stigbrand, T.I. (1989):
Diversity in immunoreactivity of tumor-derived cytokeratin monoclonal antibodies. *J. Histochem. Cytochem.*, 37: 1845-1854.
- Tamada, A.; Makimoto, K. and Maurer, R. (1984):
Radiation-induced fibrosarcoma of the thyroid. *J. Laryngol. Otol.*, 98: 1063-1066.
- Tanda, F.; Massarelli, G. and Thomas, G.G. (1988):
Angiosarcoma of the thyroid: A light, electron microscopic and immunohistochemical study. *Hum. Pathol.*, 19: 742-745.
- Tennvall, J.; Cavallin-Stahl, E. and Akerman, M. (1987):
Primary localized non-Hodgkin's lymphoma of the thyroid. A retrospective clinicopathological review. *Eur. J. Surg. Oncol.*, 13: 297-302.
- Thompson, N.W.; Dunn, E.L. and Tan, P.B.K. (1974):
Hurthle cell lesions of the thyroid gland. *Surg. Gynecol. Obstet.*, 139: 555-560.
- Thompson, N.W.; Nishiyama, R.H. and Harness, J.K. (1978):
Thyroid carcinoma. Current controversies. *Curr. Prob. Surg.*, 15: 1-67.
- Tobler, A.; Maurer, R. and Hedinger, G. (1984):
Undifferentiated thyroid tumors of diffuse small cell type. *Virch. Arch. Pathol. Anat.*, 404: 1023-1030.

- Toflefsen, H.R.; Shab, J.P. and Huvos, A.G. (1975):
Hurthle cell carcinoma of the thyroid. *Am. J. Surg.*, 130: 390-394.
- Totsch, M.; Dobler, G. and Feichtinger, H. (1990):
Malignant hemangioendothelioma of the thyroid. Its immunohistochemical discrimination from undifferentiated thyroid carcinoma. *Am. J. Surg. Pathol.*, 14: 69-74.
- Trump, D.L.; Mendelsohn, G. and Baylin, S.B. (1979):
Disaccordance between plasma calcitonin and tumor cell mass in medullary thyroid carcinoma. *N. Engl. J. Med.*, 301: 253-254.
- Tscholl-Ducommun, J. (1982):
Papillary thyroid carcinomas morphology and prognosis. *Virch. Arch. Pathol. Anat.*, 19: 396-402.
- Uchida, H.; Nakayama, I. and Noguchi, S. (1989):
An immunohistochemical study of cytokeratin and vimentin in benign and malignant thyroid lesions. *Acta Pathol. Jpn.*, 39: 169-175.
- Ueda, G. and Furth, J. (1967):
Sarcomatoid transformation of transplanted thyroid carcinoma. *Arch. Pathol.*, 83: 3-12.
- Valenta, L.J. (1976):
Thyroid peroxidase thyroglobulin, CAMP and DNA in human thyroid. *J. Clin. Endocrinol. Metabol.*, 43: 466-469.
- Valenta, L.J.; Michel-Bchet, M.; Uribe, M. and Grimes, M. (1977):
Microfollicular thyroid carcinoma with amyloid rich stroma resembling the medullary carcinoma of the thyroid (MCT). *Cancer*, 39: 1573-1586.
- Venkatesh, Y.S.; Ordonez, N.G.; Schultz, P.N.; Hickey, R.C.; Goepfert, F. and Samaan, N.A. (1990):
Anaplastic carcinoma of the thyroid. A clinicopathological study of 121 cases. *Cancer*, 66: 321-330.
- Viale, O.; Dell's Orto, P.; Coggi, G. and Cambacorta, M. (1989):
Coexpression of cytokeratins and vimentin in normal and diseased thyroid gland. Lack of diagnostic utility of vimentin immunostaining. *Am. J. Surg. Pathol.*, 13: 1034-1040.
- Vickery, A.L.; Carcangiu, M. and Wancy, C.A. (1985):
Papillary carcinoma. *Sem. Diag. Pathol.*, 2: 90-100.
- Virtanen, I.; Miettinen, M. and Lehto, V.O. (1984):
Cytoskeletal proteins as tissue markers for cancer. *Cancer Bull.*, 36: 174-178.

- Volpe, R. (1988):
The immunoregulatory disturbance in autoimmune thyroid disease.
Autoimmunity, 2: 55-78.
- Warnke, R.A.; Gatter, K.G.; Falin, B.; Hildreth, P.; Woolston, R.E.; Plford, K.
and Mason, D. (1983):
Diagnosis of human lymphoma with monoclonal antileukocytic
antibodies. N. Engl. J. Med., 309: 1275-1281.
- Wegelin, C.: (1986):
Pathologischen Anatomie and Histologie. Bd. VIII Drüsen mit innerer
sekretion. Berlin: Springer, p.174.
- Weinstein, R.S.; Merkle, F.B. and Alory, J. (1976):
The structure and function of intercellular junctions in cancer. Adv.
Cancer Res., 23: 23-39.
- Westermarck, P. and Johnson, K.H. (1988):
The polypeptide hormone derived amyloid form. Acta Pathol. Microbiol.
Scand., 96: 475-483.
- Wick, M.R.; Mills, S.E. and Volpe, R. (1989):
Follicular variant of papillary thyroid carcinoma: An immunohisto-
chemical comparison with other thyroid tumors. Lab. Invest.,
60: 105A.
- Williams, E.D. (1966):
Histogenesis of medullary carcinoma of the thyroid. J. Clin. Pathol., 19:
114-118.
- Williams, E.D.; Doniach, I.; Bjaranson, O. and Michle, W. (1977):
Thyroid cancer in an iodide rich area. Cancer, 39: 215-222.
- Wilson, N.W.; Pambakian, H.; Richardson, T.C.; Stokoe, M.R.; Makin, C.A.
and Heyderman, E. (1986):
Epithelial markers in thyroid carcinoma: An immunoperoxidase study.
Histopathology, 10: 815-829.
- Wolfe, H.J.; Kenneth, E.W.; Melvin, W. (1973):
C-cell hyperplasia preceding medullary thyroid carcinoma. N. Engl. J.
Med., 289: 437-441.
- Wolfe, H.F.; Voelkel, E.F. and Tashjian, A.H. (1974):
Distribution of calcitonin containing cells in the normal adult human
thyroid gland. J. Clin. Endocrinol. Metabol., 38: 688-694.
- Woolner, L.B. (1971):
Thyroid carcinoma: Pathologic classification with data on prognosis. Sem.
Nucl. Med., 1: 481-502.

- Yamana, K. and Nakano, R. (1984):
Ultrastructure of anaplastic carcinoma (spindle and giant cell type) with large calcification in the thyroid gland. *Acta Pathol. Jpn.*, 34: 585-592.
- Yamanaka, N.; Harabuchi, Y.; Sambes, S. and Weiss, M. (1985):
Non-Hodgkin's lymphoma of Waldeyer's ring and nasal cavity: Clinical and immunologic aspects. *Cancers*, 56: 768-776.
- Yamaoka, Y. (1973):
Solid cell nests (SCN) in the human thyroid gland. *Acta. Pathol. Jpn.*, 23: 493-502.
- Zaatari, G.S.; Saigo, P.E. and Huvos, A.G. (1983):
Mucin production in medullary carcinoma of the thyroid. *Arch. Pathol. Lab. Med.*, 107: 70-74.