

ACKNOWLEDGMENTS

This study was performed using the Laboratory Animal, Morphological Research, Tissue Culture and Photograph-processing Facilities at the Institute of Dental Research, Osaka Dental University.

REFERENCES

1. Hamilton WJ, Mossman HW. "Skeletal system" in *Human Embryology*; Williams & Wilkins: London. 1972; pp 526-47.
2. Rauchfuss A. Ein Beitrag zur Entwicklung der Gehörknöchelchen und des Ringbandes. *Arch. Otorhinolaryngol.* 1981;233:77-87.
3. Van De Water TR, Noden DM, Maderson PFA. "Embryology of the ear: outer, middle, and inner" in *Otologic Medicine and Surgery. Vol. 1*; Alberti PW, Ruben RJ, Eds.; Churchill Livingstone: New York. 1988; pp 3-27.
4. Blackwood HJJ. Cellular remodelling in articular tissue. *J. Dent. Res.* 1966;45:481-9.
5. Ten Cate AR. Morphological studies of fibrocytes in connective tissue undergoing rapid remodelling. *J. Anat.* 1972;112:401-11.
6. Ten Cate AR, Freeman E, Dickson JB. Structural development: suture and its response to rapid expansion. *Am. J. Orthod.* 1977;71:622-36.
7. Haines WR. The development of the joints. *J. Anat.* 1947;81:33-55.
8. Bevelander G, Ramaley JA. "Cartilage" in *Essentials of Histology*, 8th ed.; Bevelander G, Ramaley JA, Eds.; CV Mosby: St. Louis. 1979; pp 53-82.
9. Terashima T. Observation on the structure of the mandibular joint of the prenatal rabbit. *J. Stomatol. Soc. Jpn.* 1985;52:348-96.
10. Iwai-Liao Y, Higashi Y, Kagawa M, Ueki S. Study on the mandibular joint of the fetal mouse. *J. Osaka Dent. Univ.* 1988;22:17-28.
11. Leeson TS, Leeson CR, Paparo AA. "Specialized Connective Tissue: Cartilage and Bone" in *Text/Atlas of Histology*, 10th ed.; Wonsiewics, M. Ed.; WB Saunders: Philadelphia. 1988; pp 159-94.
12. Kobayashi M. The articulations of the auditory ossicles and their ligaments of various species of mammalian animals. *Hiroshima J. Medic. Sciences* 1955;4: 319-49.
13. Webster DB. The ear apparatus of kangaroo rat, *Dipodomys*. *Am. J. Anat.* 1961;108:123-47.
14. Gussen R. The labyrinthine capsule: normal structure and pathogenesis of otosclerosis. *Acta Otolaryng. (Stockh.) Suppl.* 1968;248:1-55.
15. Gussen R. Articular and internal remodelling in the human otic capsule. *Am. J. Anat.* 1968;122:397-418.
16. Gussen R. The stapediovestibular joint: normal structures and pathogenesis of otosclerosis. *Acta Otolaryng. Suppl.* 1969;248:5-38.
17. Bolz EA, Lim DJ. Morphology of the stapediovestibular joint. *Acta Otolaryngol. (Stockh.)* 1972;73:10-7.
18. Brunner H. Attachment of the stapes to the oval window in man. *A.W.A. Arch. Otolaryngol. (Chic.)* 1954;59: 18-29.
19. Gray, H. "Arthrology", "Neurology" in *Gray's Anatomy*, 37th ed.; Williams PL, Warwick R, Dyson M, Bannister LH. Eds.; Churchill Livingstone: Edinburgh. 1989; pp 459-44, 1227.
20. Kajikawa K. "Introduction", "Elastic fibers", "Synovial membrane" in *The Connective Tissue*; Kanehara Publishers: Tokyo. 1984; pp 1-8,279-317,467-90.
21. Parry DAD, Craig AS. "Growth and development of collagen fibrils in connective tissue" in *Ultrastructure of the Connective Tissue Matrix*; Ruggeri A, Motta PM. Eds.; Martinus Nijhoff Publishers: Boston. 1984; pp 34-64.
22. Gawlik Z. Morphological and morphochemical properties of the elastic system in the motor organ of man. *Folia Histochem. Cytochem.* 1965;3:233-51.
23. Cotta-Pereira G, Rodrigo FG, Bittencourt-Sampaio S. Oxytalan, elaunin, and elastic fibers in the human skin. *J. Investig. Dermatol.* 1976;66:143-48.
24. Goslin JM. "The physical properties of elastic tissue" in *Int. Rev. Connect. Tissue Res*; Hall DA, Jackson DS. Eds.; Academic Press: New York; 1976;7:211-49.
25. Cotta-Pereira G, Rodrigo FG, David-Ferreiro JF. The elastic system fibers. *Advances in Experiment. Medicine Biol.* 1977;79:19-30.
26. Dorrington K, McCrum NG. Elastin as a rubber. *Biopolymers* 1977;16:1201-22.
27. Pasquali-Ronchetti I, Fornieri C. "The ultrastructural organization of the elastin fibre" in *Ultrastructure of the*