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Nota di contenuto	CELL AND MOLECULAR BIOLOGY OF VERTEBRATE HARD TISSUES; Contents; Participants; Introduction; Bone development; Factors influencing the expression of dental extracellular matrix biominerization; Stromal stem cells: marrow-derived osteogenic precursors; Osteoblastic differentiation; Diversity of the osteoblastic phenotype; The regulation of osteoclastic development and function; Osteoclast development: the cell surface and the bone environment; General discussion I; An adhesion variant of the MG-63 osteosarcoma cell line displays an osteoblast-like phenotype Expression of type I procollagen genes Phosphoproteins from teeth and bone; Non-collagen proteins in bone; General discussion II; Polypeptide growth factors in bone matrix; Hormonal regulation of bone growth and remodelling; Cytokines; Haemopoietic growth factors: their

relevance in osteoclast formation and function; Final general discussion; Chairman's summary; Index of contributors; Subject index

Sommario/riassunto

Brings together the latest research in the cellular and molecular biology of bones and teeth, including applications to medical and dental practice. An interdisciplinary group of contributors addresses control of bone formation, resorption and remodelling, osteoblast differentiation and osteoclast activity, factors influencing dental extracellular matrix biominerization, non-collagen proteins in bone and their function, hormonal regulation of bone growth, and more.