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Frontiers between Science and Clinic in Odontology: (Volume 2) Phosphorylated Extracellular Matrix Proteins of Bone and Dentin

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About the eBook

This second volume serves as a valuable reference to practicing odontologists, biology and biomaterials scientists and tissue engineers interested in protein research related to tooth and bone formation.

Contents

- ▶ Origin and Evolution of Bone and Dentin and of Acidic Secretory Calcium-Binding Phosphoproteins
- ▶ Regulation of Proliferation and Gene Expression in Osteoprogenitor Cells, Osteoblasts and Osteocytes
- ▶ Odontoblasts and Dentin Formation
- ▶ The Role of SIBLINGs in Human Genetic Diseases
- ▶ Dentin Sialophosphoprotein (DSPP) Mutations: Implications in Dentinogenesis Imperfecta and Dentin Dysplasia
- ▶ Intracellular Mechanisms of Phosphorylation in Osteoblasts and Odontoblasts
- ▶ DSPP Gene Transcription and Cellular Signaling Pathways

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