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About the ebook

This volume is the 1st in a series of Ebooks that bridges the gap between advances in science and clinical practice in odontology. This Ebook examines the multifunctional nature of amelogenins - proteins implicated in regulating the initiation and growth of hydroxyapatite crystals during the mineralization of enamel.

Contents

- ▶ Contributors
- ▶ Origin and Relationships of Amelogenin, and the Evolutionary Analysis of its Conserved and Variable Regions in Tetrapods
- ▶ Amelogenin Gene Regulation
- ▶ Lessons from the Amelogenin Knockout Mice
- ▶ Amelogenins: A Review of Formative and Degradative Aspects, and Transgene Expression in Bone Cells
- ▶ The Non-Amelogenins: Ameloblastin and Enamelin

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