

1. Record Nr.	UNINA9910812685503321
Titolo	Hard tissue growth, repair and remineralization
Pubbl/distr/stampa	Amsterdam : , : Elsevier, , 1973
ISBN	9786613693679 9781280783289 1280783281 9780470719947 047071994X 9780470717615 0470717610
Edizione	[1st ed.]
Descrizione fisica	1 online resource (468 pages) : illustrations
Collana	Ciba Foundation symposium (new series) ; ; 11
Disciplina	591.8
Soggetti	Bones - Growth Bone regeneration Calcification Teeth
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Symposium on Hard Tissue Growth, Repair and Remineralization held at the Ciba Foundation, London, 29th June-1st July 1972"--Participants page.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Hard Tissue Growth, Repair and Remineralization; Contents; Part I; Chairman's introduction; Mineral regeneration in echinoderms and molluscs; Discussion; Remineralization of enamel; Discussion; Chemical agents in the control of calcification processes in biological systems; Discussion; The current status of allogeneic tooth transplantation: attachment repair, regeneration and development in dental replants, transplants and implants; Discussion; Induction of bone repair by various bone grafting materials; Discussion Enzymes in bone morphogenesis : endogenous enzymic degradation of the morphogenetic property in bone in solutions buffered by ethylenediaminetetraacetic acid (EDTA)Discussion; Part II; Chairman's introduction; Determined and inducible osteogenic precursor cells Comments*; Comments; An ultra- structural study of calcium and

phosphate deposition and exchange in tissues; Discussion; Calcium-accumulating vesicles in the intercellular matrix of bone; Discussion; Biochemistry of collagens from mineralized tissues; Discussion; Albumin in bone; Discussion; Lysosomal enzymes in skeletal tissues Discussion Bone remodeling: in vitro studies on vitamin D metabolites; Discussion; The effects of pyro- phosphate and diphosphonates on calcium metabolism; Discussion; Vitamin D and the skeleton; Discussion; Calcium absorption and some properties of the vitamin D-dependent calcium-binding protein; Discussion; Renal and skeletal interaction: the role of vitamin D; Discussion; Plasma calcium homeostasis; Discussion; Chairman's closing remarks; Addendum on Fluorides; Index of contributors; Subject index

---

## Sommario/riassunto

The Novartis Foundation Series is a popular collection of the proceedings from Novartis Foundation Symposia, in which groups of leading scientists from a range of topics across biology, chemistry and medicine assembled to present papers and discuss results. The Novartis Foundation, originally known as the Ciba Foundation, is well known to scientists and clinicians around the world.

---