

Unveiling the Advancements in Oral and Dental Tissue Engineering with 'Biomaterials For Oral And Dental Tissue Engineering'



Biomaterials for Oral and Dental Tissue Engineering (Woodhead Publishing Series in Biomaterials)

★★★★★ 5 out of 5

Language : English
File size : 26790 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 1110 pages



The field of biomaterials for oral and dental tissue engineering has witnessed remarkable advancements in recent years, offering promising solutions for restoring and regenerating damaged tissues in the oral cavity.

To shed light on these groundbreaking developments, Woodhead Publishing proudly presents 'Biomaterials For Oral And Dental Tissue Engineering', an authoritative and comprehensive book that encapsulates the latest research and applications in this rapidly evolving field.

A Comprehensive Guide to Oral and Dental Tissue Engineering

Edited by a team of renowned experts in the field, this book provides a comprehensive overview of the fundamental principles, materials, and techniques employed in oral and dental tissue engineering.

With contributions from leading researchers and clinicians worldwide, the book covers a wide spectrum of topics, including:

- **Biocompatibility and Biodegradability of Biomaterials**
- **Natural and Synthetic Biomaterials**
- **Scaffold Design and Fabrication**
- **Cell Culture and Differentiation**
- **Tissue Engineering for Hard and Soft Tissues**
- **Clinical Applications and Case Studies**

Key Features of the Book

Cutting-Edge Research and Applications: The book presents the latest advancements in biomaterials, scaffolds, and tissue engineering techniques specifically tailored for oral and dental applications.

Multidisciplinary Approach: 'Biomaterials For Oral And Dental Tissue Engineering' bridges the disciplines of materials science, engineering, cell biology, and clinical dentistry, providing a holistic perspective on the field.

Expert Contributors: The book draws upon the expertise of leading researchers and practitioners in the field, ensuring the highest level of scientific rigor and practical insights.

Clinical Relevance: The book emphasizes the clinical applications of biomaterials and tissue engineering in oral and dental surgery, providing valuable guidance for practitioners.

Benefits for Readers

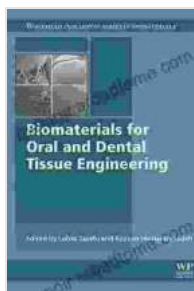
This book is an invaluable resource for researchers, clinicians, and students in the field of oral and dental tissue engineering. It offers:

- A comprehensive understanding of the materials and techniques used in oral and dental tissue engineering.
- Up-to-date knowledge on the latest advancements and applications in the field.
- Practical guidance for designing and implementing biomaterials and tissue engineering strategies in clinical practice.
- Inspiration for future research and development in this rapidly growing field.

'Biomaterials For Oral And Dental Tissue Engineering' is an indispensable guide for anyone interested in the field of regenerative dentistry. It provides a comprehensive overview of the latest advancements, clinical applications, and future directions in oral and dental tissue engineering.

To Free Download your copy of this groundbreaking book, visit the Woodhead Publishing website or your preferred bookseller.

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