

BIOMATERIALS

Edited by

Joyce Y. Wong
Joseph D. Bronzino



CRC Press

Taylor & Francis Group

Boca Raton London New York

CRC Press is an imprint of the
Taylor & Francis Group, an **informa** business

Contents

1	Metallic Biomaterials <i>Joon B. Park and Young Kon Kim</i>	1-1
2	Ceramic Biomaterials <i>W.C. Billotte</i>	2-1
3	Polymeric Biomaterials <i>Hai Bang Lee, Gilson Khang, and Jin Ho Lee</i>	3-1
4	Composite Biomaterials <i>Roderic S. Lakes</i>	4-1
5	Biodegradable Hydrogels: Tailoring Properties and Function through Chemistry and Structure <i>Andrew T. Metters and Chien-Chi Lin</i>	5-1
6	Biodegradable Polymeric Biomaterials: An Updated Overview <i>Chih-Chang Chu</i>	6-1
7	Biologic Biomaterials: Tissue-Derived Biomaterials (Collagen) <i>Shu-Tung Li</i>	7-1
8	Soft Tissue Replacements <i>K.B. Chandran, K.J.L. Burg, and S.W. Shalaby</i>	8-1
9	Hard Tissue Replacements <i>Sang-Hyun Park, Adolfo Llinás, Vijay K. Goel, and J.C. Keller</i>	9-1
10	Controlling and Assessing Cell-Biomaterial Interactions at the Micro- and Nanoscale: Applications in Tissue Engineering <i>Jessica Kaufman, Joyce Y. Wong, and Catherine Klapperich</i>	10-1
	Index	I-1