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Nota di contenuto	Preface; Acknowledgements; Contents; Introduction; Physiological Environment of the Human Body; Implantation and Physiological Responses to Biomaterials; Orthopaedic Prostheses; Cardiac, Vascular and Neural Implants; Dental Implants; Bioartificial Pancreas and Bioartificial Liver; Implants and Biomaterials for External Bodily Functions and Cosmetic Advantage; Tissue Scaffolds; Physiological Reactions to External Support Systems; Drug Delivery Systems; Physiological Reaction to Medical Instrumentation and Disposal of Used Biomaterials APPENDIX 1 Government and Technical Society Standards for Biomedical Materials APPENDIX 2 Experimental Apparatus to Measure the Service Characteristics of Implants; Index
Sommario/riassunto	A wide variety of materials is being used in biomedical engineering for various functions. This includes a range of ceramics, polymers and metallic materials for implants and medical devices. A major question is how these materials will perform inside the body, which is very sensitive to alien materials.

