

1. Record Nr.	UNINA9910782392603321
Titolo	The scientific basis of tissue transplantation // editors, G.O. Phillips [et al.]
Pubbl/distr/stampa	Singapore : , : World Scientific, , 2001
ISBN	1-281-96054-3 9786611960544 981-281-140-0
Descrizione fisica	1 online resource (602 pages) : illustrations
Collana	Advances in tissue banking ; ; v. 5
Altri autori (Persone)	PhillipsGlyn O
Disciplina	617.95
Soggetti	Transplantation of organs, tissues, etc Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	List of Contributors ; Preface ; Introduction ; Section I: Anatomy ; Chapter 1 Anatomy of the Upper Limb ; Chapter 2 Anatomy of the Lower Limb ; Chapter 3 Anatomy of the Spine ; Chapter 4 Anatomy of the Pelvis ; Chapter 5 Anatomy of the Oral Maxillofacial Region. Section II: Matrix Biology and Physiology of Tissues Chapter 6 The Organisation of the Extracellular Matrix ; Chapter 7 Histology of Bone ; Chapter 8 Histology of Cartilage ; Chapter 9 Basic Anatomy and Physiology of Human Skin. Chapter 10 Anatomy and Embryology of Human Placenta Amnion and Chorion Chapter 11 Electron Microscopy of Human Amniotic Membrane ; Section III: Microbiology ; Chapter 12 Introduction to Medical Microbiology ; Chapter 13 Bioburden Estimation in Relation to Sterilisation. Chapter 14 Transmissible Diseases of Particular Importance in the Immunocompromised and Transplant Recipients Section IV: Sterile Techniques ; Chapter 15 Principles of Sterile Technique ; Chapter 16 Sterile Procurement of Bones and Ligaments. Chapter 17 Sterile Preparation of Tissue Grafts During Transplantation Section V: Radiation Sciences ; Chapter 18 Radiation Sciences ; Chapter 19 Effect of Radiation on Microorganisms; Mechanism of Radiation Sterilisation
Sommario/riassunto	This important book contains in one volume various subjects, including

anatomy, physiology, microbiology, radiation sciences, biology of healing of allografts, biomechanics of allografts and transplantation immunology. It is intended for easy and comprehensive use by practitioners in the field of tissue banking and tissue transplantation. It can also serve as a textbook for a course in tissue banking.
