

Peripheral Nerve Tissue Engineering and Regeneration

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=9999920522114&lokasi=lokal>

Abstrak

This updatable book provides an accessible informative overview of the current state of the art in nerve repair research.

The introduction includes history of nerve repair research and establishes key concepts and terminology and will be followed by sections that represent the main areas of interest in the field: (1) Biomaterials, (2) Therapeutic Cells, (3) Drug, Gene and Extracellular Vesicle Therapies, (4) Research Models and (5) Clinical Translation. Each section will contain 3 - 6 chapters, capturing the full breadth of relevant technology. Bringing together diverse disciplines under one overarching theme echoes the multidisciplinary approach that underpins modern tissue engineering and regenerative medicine. Each chapter will be written in an accessible manner that will facilitate interest and understanding, providing a comprehensive single reference source. The updatable nature of the work will ensure that it can evolve to accommodate future changes and new technologies.

The main readership for this work will be researchers and clinicians based in academic, industrial and healthcare settings all over the world.