



Engineering in Translational Medicine (Hardback)

By -

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 Condition: New. 2014 ed.. Language: English . Brand New Book.
 This book covers a broad area of engineering research in translational medicine. Leaders in academic institutions around the world contributed focused chapters on a broad array of topics such as: cell and tissue engineering (6 chapters), genetic and protein engineering (10 chapters), nanoengineering (10 chapters), biomedical instrumentation (4 chapters), and theranostics and other novel approaches (4 chapters). Each chapter is a stand-alone review that summarizes the state-of-the-art of the specific research area. Engineering in Translational Medicine gives readers a comprehensive and in-depth overview of a broad array of related research areas, making this an excellent reference book for scientists and students both new to engineering/translational medicine and currently working in this area. The ability for engineering approaches to change biomedical research are increasing and having significant impact. Development of basic assays and their numerous applications are allowing for many new discoveries and should eventually impact human health. This book brings together many diverse yet related topics to give the reader a solid overview of many important areas that are not found together elsewhere. Dr. Weibo Cai has taken great care to select key research...

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