

StemCells

Scientific Facts and Fiction

Second Edition

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The enthusiastic responses to the first edition of *Stem Cells: Scientific Facts and Fiction* reflected the overwhelming interest from public and professionals alike in stem cells. A guide to this complex subject in simple language addressed a need for more understandable information for patients and their families, students reflecting on biomedical science careers, hospital and community doctors looking for answers to their patient's questions, ethicists looking to understand questions we might soon face and legislators formulating the laws that govern our medical practice. All needed to know more about stem cells. A search on the internet under "stem cell therapy" in 2010 resulted in 17 million "hits"; the same term in just a few years later yields 30 million.

In this changing world, it is virtually impossible to separate scientific facts and fiction unless you understand something about the basics of the subject. *Stem Cells: Scientific Facts and Fiction* educates those searching for answers. Lessons in biology are peppered with anecdotes and examples of stem cell applications; not only as a therapy but also as a new way of developing novel drugs. Stem cells present unprecedented opportunities for developing cures for many of the chronic diseases now emerging in our aging societies.

Key features:

- Explains in straightforward, non-specialist language the basic biology of stem cells and their applications in modern medicine and future therapy
- Includes extensive coverage of adult, embryonic stem cells and iPS cells both historically and in the context of contemporary practice
- Richly illustrated to assist in understanding how research is done and the current hurdles to clinical practice; images available electronically
- Revised edition of British Medical Association Book award winner



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