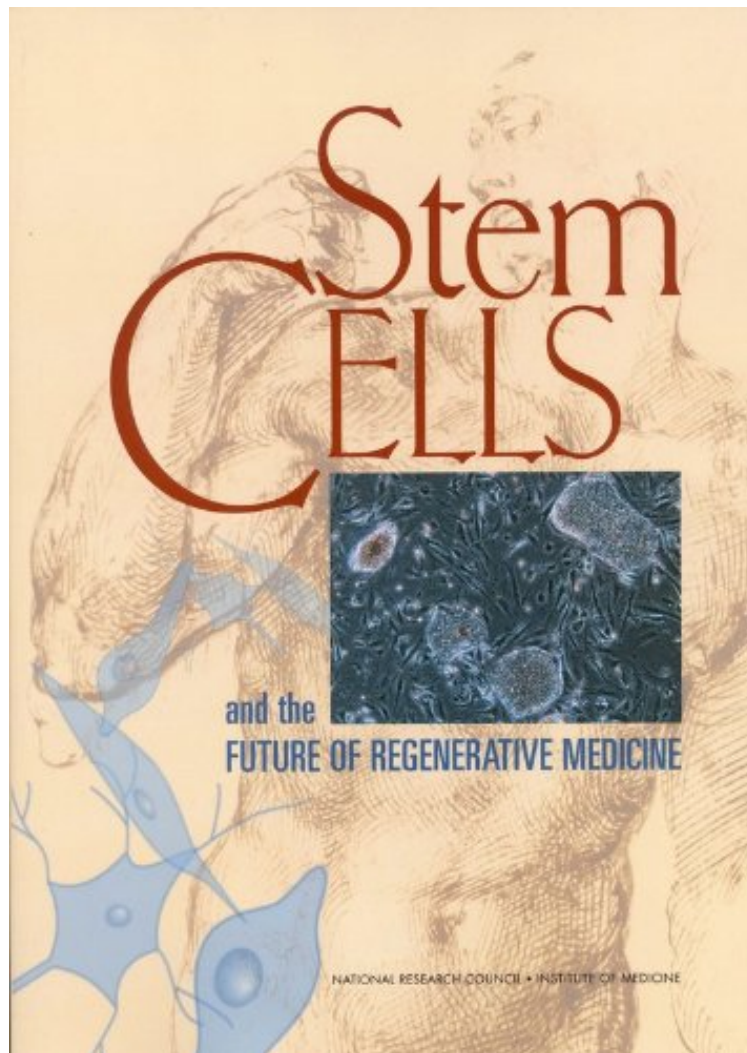


## Stem Cells and the Future of Regenerative Medicine

*National Research Council, Division on Earth and Life Studies, Institute of Medicine, Board on Life Sciences, Board on Neuroscience and Behavioral Health, Commission on Life Sciences, Committee on the Biological and Biomedical Applications of Stem Cell Research*

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**National Research Council, Division on Earth and Life Studies, Institute of Medicine, Board on Life Sciences, Board on Neuroscience and Behavioral Health, Commission on Life Sciences, Committee on the Biological and Biomedical Applications of Stem Cell Research : Stem Cells and the Future of Regenerative Medicine** before purchasing it in order to gage whether or not it would be worth my time, and all praised Stem Cells and the Future of Regenerative Medicine:

0 of 0 people found the following review helpful. Information about the knowledge and ideas about Stem Cells back in 2001By Gert Bo ThorgersenTo me it turned out not to be the right book, as I was searching after the first book to get

especially concerning Stem Cells, and therefore expecting reading about the historical background, and for what it now is used (besides for the bones). But probably books content is fine for persons who daily have to do with Stem Cells and then wanting to know what scientists, philosophers, ethicists, and experts presented as their knowledge and speculations at the meeting of the Committee on the Biological and Biomedical Application of Stem Cell Research back in June 2001. Of the 112 sides contained in the book only 60 sides tell about what was stated and discussed by this meeting. And of these sides 4 whole side contains drawings, 3 of these showing the states in the development from the sperm and egg to the fetus and 5 different specific cell and tissue types. And the 4th drawing showing Blood cell differentiation from Hematopoietic stem cells (HSCs). Among other, concerning the Stem Cells, we are getting a discussion about life and human reproduction, and in relation to this we from the 4 religions: Jewish, Muslim, Roman Catholic, and the Protestant, read when, according these religions, life starts, and then what these religions tells and allows. For the Jewish and Roman Catholics, the life begins 40 days after conception, while for the Muslims at the end of the fourth month after pregnancy, and for the Protestants different statements from the conservative and the opposite. Of the resting sides in the book, the 112 - 60, we are getting a Glossary of 6 sides concerning science word, a Committee Biographies, covering 5 sides, about the 7 persons. And then this is followed by 9 sides coving Workshop Agenda and Speaker Biographies for 19 persons. And 4 sides with references (partly repeated under her). As we in cant read the contents of the book, I here put it in: Contents Executive summary 11 Project overview and definitions 72 Adult Stem Cells 193 Embryonic Stem Cells 314 Opportunities for and Barriers to Progress in Stem Cell Research for Regenerative Medicine 415 Findings and Recommendations 55 References 61 Glossary 67 Appendixes A Committee Biographies 73 B Workshop Agenda and Speaker Biographies 79 Index 89 940 of 0 people found the following review helpful. Five Stars By Gary A Brown, MD great

Recent scientific breakthroughs, celebrity patient advocates, and conflicting religious beliefs have come together to bring the state of stem cell research "specifically embryonic stem cell research" into the political crosshairs. President Bush's watershed policy statement allows federal funding for embryonic stem cell research but only on a limited number of stem cell lines. Millions of Americans could be affected by the continuing political debate among policymakers and the public. *Stem Cells and the Future of Regenerative Medicine* provides a deeper exploration of the biological, ethical, and funding questions prompted by the therapeutic potential of undifferentiated human cells. In terms accessible to lay readers, the book summarizes what we know about adult and embryonic stem cells and discusses how to go about the transition from mouse studies to research that has therapeutic implications for people. Perhaps most important, *Stem Cells and the Future of Regenerative Medicine* also provides an overview of the moral and ethical problems that arise from the use of embryonic stem cells. This timely book compares the impact of public and private research funding and discusses approaches to appropriate research oversight. Based on the insights of leading scientists, ethicists, and other authorities, the book offers authoritative recommendations regarding the use of existing stem cell lines versus new lines in research, the important role of the federal government in this field of research, and other fundamental issues.

"A wide range of perspectives is addressed in this concise and informative book ... clear presentation and well-defined language." -- NSTA Recommends, 2002 About the Author Committee on the Biological and Biomedical Applications of Stem Cell Research, Commission on Life Sciences, National Research Council, Board on Neuroscience and Behavioral Health, Institute of Medicine