



Humana

1st  
edition

2011, XXVI, 462 p.

**Printed book**

Hardcover

**Printed book**

Hardcover

ISBN 978-1-60761-958-1

\$ 279,99

Available

**Discount group**

Professional Books (2)

**Product category**

Contributed volume

**Series**Stem Cell Biology and Regenerative  
Medicine**Other renditions**

Softcover

ISBN 978-1-61779-724-8

## Life Sciences : Stem Cells

Hug, Kristina, Hermerén, Göran (Eds.)

# Translational Stem Cell Research

**Issues Beyond the Debate on the Moral Status of the Human Embryo**

- Contributions from leading experts in the field - Focuses on the challenges to translational stem cell research beyond the debate on the moral status of the human embryo -A multidisciplinary volume that allows many types of specialists to learn from each other and view the challenges to translational stem cell research from different perspectives and in international context -A reader-friendly text, accessible for informed lay audience, students and patients

For many years, the ethical discussion surrounding human embryonic stem cell research has focused on the moral status of the embryo. This text takes a wider moral berth and focuses on numerous ethical, legal and social aspects involved in translating the results of stem cell research into diagnostic and therapeutic applications. Translational Stem Cell Research is broken into ten sections. It opens with an overview of the latest in stem cell research, focusing on specific diseases and the treatment of burn victims. Part II discusses the issues involved in the many steps from bench to bedside, ranging from first research in vitro to clinical trials. Part III covers scientific, regulatory and ethical challenges to basic research, and Part IV details issues regarding stem cell banks. Part V explores ethical, economic and strategic issues involved in collaboration between universities and industry, and Part VI addresses legal problems raised by patents on human stem-cell based inventions plus the extent to which there can be technological solutions to a moral dilemma. Part VII presents imaginative ways of communicating research to the general public and how to create conditions for a constructive dialogue. Part VIII probes psychosocial and cultural factors affecting judgment and decisions about translational stem cell research, and Part IX explores problems and procedures raised by an examination of the evaluation of stem cell research projects in research ethics committees. The book closes with a look into the future of translational stem cell research and stem cell-based therapeutic applications.

**Order online at [springer.com/bookellers](http://springer.com/bookellers)****Springer Nature Customer Service Center LLC**

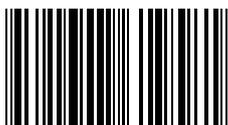
233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

[customerservice@springernature.com](mailto:customerservice@springernature.com)

ISBN 978-1-60761-958-1 / BIC: PSAK / SPRINGER NATURE: SCL16010

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.