

Stem Cells in Development and Disease

Edited by

Michael Rendl

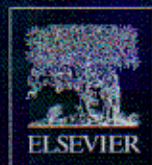
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Stem cell research is one of the most intriguing and stimulating research areas. In the last three decades the field has made remarkable progress and has provided incredible insight: from the successful culture of embryonic stem cells, the early discovery of hematopoietic stem cells and stem cells in rapidly renewing skin and intestinal tissues, to the more recent identification of neural, mammary, muscle, lung and germ stem cells. In this volume of *Current Topics in Developmental Biology*, fourteen leading experts in stem cell research have contributed reviews on the current knowledge and recent insights of stem cell functions. Topics cover eleven different mammalian organ systems and the mechanisms that contribute to aging and cancer.

Key Features:

- Contributions are from leading stem cell researchers who provide a comprehensive overview about our current knowledge of stem cells in development and disease
- Chapters strive to bring new ideas and fresh perspectives to the different stem cell fields

The cover image shows common features of adult stem cell niches.



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