

Red Cell Development

Edited by

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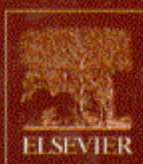
The study of Red Cell Development has had a long and stellar history of experimentation at the cutting edge of basic and clinical research, particularly as the red blood cell is the essential oxygen-carrying component of the body. As a result, it has been used to illuminate fundamental principles of biology, genetics, and evolution for over a century. This compendium provides a concise and up-to-date assessment of recent critical issues related to erythroid biology. Developmental, epigenetic, methodological, biochemical, and clinical aspects are integrated to provide a powerful overview of their interrelationships and importance to the generation of the red cell. The excitement generated by these novel observations and the anticipation of future directions in studies of the red cell are highlights of this volume.

KEY FEATURES:

- Chapters combine basic research with clinical observations, creating a unique 'bench to bedside' approach to the topics.
- Observations focus on select, recent topics that are leading to novel directions in the study of red cells.
- Informative discussion of red cells as they relate to the essential oxygen-carrying component of the body.
- In-depth look at the embryological origins of red cells, their properties and life in circulation, and their importance in erythroid development.



Published in Affiliation with the
Society for Developmental Biology



ACADEMIC PRESS

An imprint of Elsevier
books.elsevier.com

