



Erythrocytes:Physiology and Pathophysiology

By Lang Florian



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The book covers the functional significance and properties of erythrocytes, their generation, senescence, and suicidal death. It further summarizes knowledge about hormones influencing erythrocyte formation including erythropoietin as well as disorders affecting and involving erythrocytes such as anemia, malaria, and sepsis.

This seminal work forms a unique reference on the most abundant cell type in mammals and will be an invaluable resource for students in the life sciences.

Contents:

- Functional Significance of Erythrocytes (*Wolfgang Jelkmann*)
- Properties and Membrane Transport Mechanisms of Erythrocytes (*Peter K Lauf and Norma C Adragna*)
- Erythropoiesis (*Maxim Pimkin and Mitchell J Weiss*)
- Erythrocyte Senescence (*Giel JCGM Bosman, Frans LA Willekens and Jan M Werre*)
- Eryptosis, the Suicidal Death of Erythrocytes (*Florian Lang, Stephan Huber and Michael Föller*)
- Regulation of Red Cell Mass by Erythropoietin (*Johannes Vogel and Max Gassmann*)
- Anaemia (*Gordon W Stewart and Michael Watts*)
- Erythrocytes and Malaria (*Henry M Staines, Elvira T Derbyshire, Farrah A Fatih, Amy K Bei and Manoj T Duraisingh*)

Readership: Students and undergraduates in biology, researchers and professionals involved in clinical hematology, malaria or any erythrocyte related research.

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Editorial Review

From the Inside Flap

The book covers the functional significance and properties of erythrocytes, their generation, senescence and suicidal death. It further summarizes knowledge about hormones influencing erythrocyte formation including erythropoietin as well as disorders affecting and involving erythrocytes such as anemia, malaria, and sepsis.

This seminal work, hence, forms a unique reference on the most abundant cell type in mammals and will be an invaluable resource for students in the life sciences.

About the Author

Professor Schmidt ist emeritiert - er lehrte an der Universit??t W??rzburg Physiologie. Er ist Autor und Mitherausgeber vieler Werke wie z.B.

Lehrbuch Vorklinik, ??rzteverlag

Encyclopedia of pain, Springer

Biologische Psychologie, Springer

Herr Professor Lang lehrt an der Universit??t T??bingen Physiologie. Er ist unter anderem Mitherausgeber und Autor bei folgenden Werken:

Taschenatlas der Pathophysiologie, Thieme

Basiswissen Physiologie, Springer

Users Review

From reader reviews:

Ronald Brun:

Book is definitely written, printed, or outlined for everything. You can know everything you want by a reserve. Book has a different type. As it is known to us that book is important point to bring us around the world. Alongside that you can your reading ability was fluently. A publication Erythrocytes:Physiology and Pathophysiology will make you to always be smarter. You can feel considerably more confidence if you can know about anything. But some of you think that will open or reading any book make you bored. It is not make you fun. Why they may be thought like that? Have you trying to find best book or suited book with you?

Harold Baughman:

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Kevin Lemon:

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