

# Erythrocytes: Physiology and Pathophysiology

By Lang Florian

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## Erythrocytes: Physiology and Pathophysiology By Lang Florian

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

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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 Universt??t W??rzburg Physiologie. Er ist Autor und Mitherausgeber vieler Werke wie z.B.

Lehrbuch Vorklinik, ??rzteverlag

Enceclopedia 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:**

**Willis Newby:**

Exactly why? Because this Erythrocytes:Physiology and Pathophysiology is an unordinary book that the inside of the book waiting for you to snap this but latter it will shock you with the secret this inside. Reading this book close to it was fantastic author who write the book in such remarkable way makes the content inside easier to understand, entertaining method but still convey the meaning totally. So , it is good for you because of not hesitating having this any longer or you going to regret it. This excellent book will give you a lot of gains than the other book have such as help improving your skill and your critical thinking approach. So , still want to hesitate having that book? If I had been you I will go to the reserve store hurriedly.

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