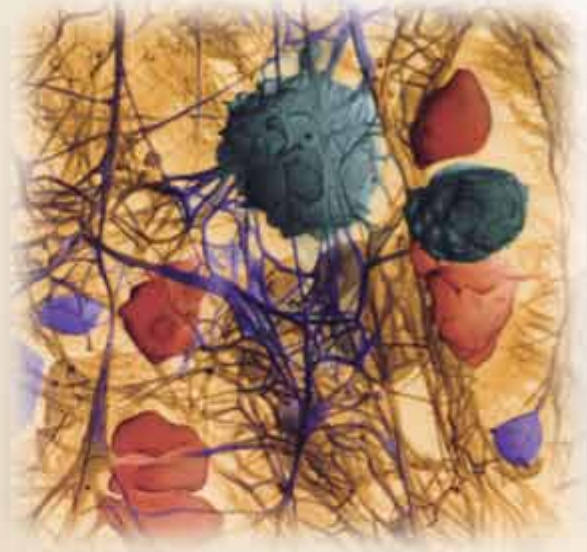


**Clinical
Hematology *and*
Fundamentals *of*
Hemostasis**

FIFTH EDITION





Clinical Hematology *and* Fundamentals of Hemostasis

FIFTH EDITION

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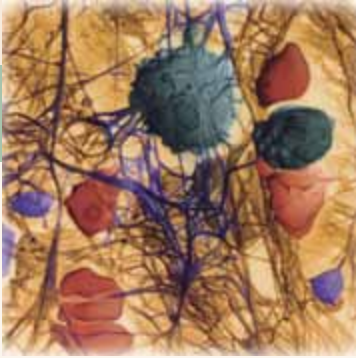
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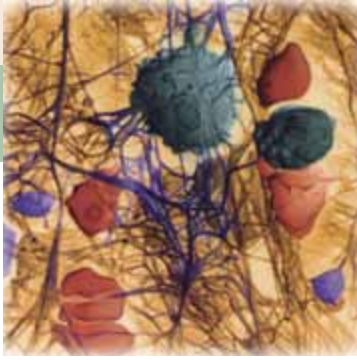
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To all students—full-time, part-time, past, present, and future—who have touched and will continue to touch the lives of so many educators. . . .

It is to you this book is dedicated in the hope of inspiring an unquenchable thirst for knowledge and love of mankind.



Preface

The fifth edition of this text continues to set the standard for teaching and learning in clinical hematology and fundamentals of hemostasis. Thorough, yet concise, a total of 36 chapters serve as a combination of text, laboratory procedure manual, and atlas of cell morphology. This textbook is unique in its five-part format, featuring an introduction to clinical hematology and sections on anemias, white blood cell disorders, hemostasis and thrombosis, and laboratory methods. Outlines, educational objectives, case histories, summary charts, and study guide questions support each chapter.

The laboratory methods section includes two new chapters, “Quality Management, Quality Assurance, and Quality Control” and “Body Fluid Examination,” in addition to chapters on hematology methods, automated differential analysis, coagulation methods, flow cytometry, molecular diagnostic techniques in hematopathology, and cytochemistry. Numerous illustrations, including 375 color photographs, 600 line drawings, and 355 tables throughout the book, aid in the process of learning. The text has retained the popular listing of normal hematologic values on the inside covers for a quick reference. In addition, an invaluable glossary provides easy access to definitions of medical terms unique to hematology and hemostasis. Summary charts have been added at the end of each chapter to identify for students the most important information to know for clinical rotation. A CD-Rom is available to educators who adopt the text. This CD includes an interactive test-generating question bank containing over 2000 questions with assigned taxonomy levels; an instructor’s

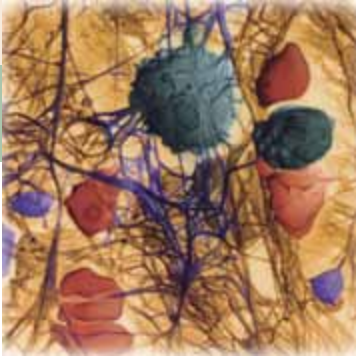
guide with student exercises; and all the color illustrations and figures by chapter to use in PowerPoint lectures. A student website is also available for this edition which includes Picture Match, Flash Cards, and Case Histories.

This new edition, like the first, second, third, and fourth, is a culmination of the dedicated efforts of many prominent laboratory professionals. More than fifty-five contributors committed themselves to this project by donating their time and expertise out of concern for a common goal: improving patient care by providing a high-quality, practical, and usable textbook. To all of these contributors, thank you and congratulations on meeting this goal. A very special thank you and acknowledgment must also be given to my husband, Jesse Javens, who always supports my writing and provides encouragement which always motivates me. I would also like to thank the following students who helped with this edition: Ernest Frank, Laura Little, Nathan Marchiano, Abiola Oderinlo, and especially Laura Simpson, who spent many hours assisting me.

Finally, my sincere appreciation is also extended to the educators, clinicians, and industry representatives who gave thorough and thoughtful reviews of selected manuscripts.

In summary, this book has been designed to inspire an unquenchable thirst for knowledge in every medical technologist, hematologist, clinician, and practitioner whose knowledge, skills, and ongoing education provide the public with excellent health care.

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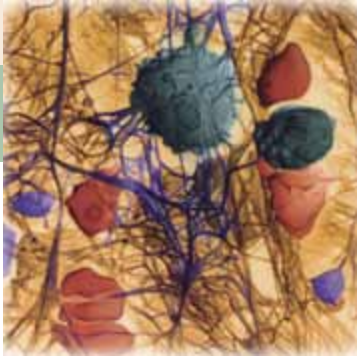
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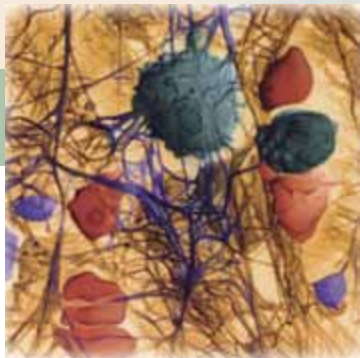
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