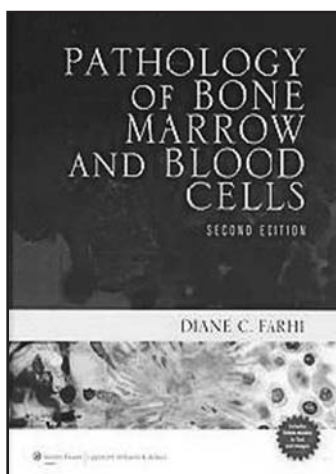


and foods containing fiber are described, such as: intestinal health; cardiovascular health; weight control; satiety; control of glycemic response and prebiotic effects. The content of this book is extremely important in the context of tackling problems related to deficient intake of dietary fiber by the population (the case for Brazil, particularly in urban centers). This information can be used by the food industry to introduce these ingredients into foods, and also by the consumer, by clarifying possible benefits of these ingredients and dietary fiber. The book serves as a reference for students and professionals in the areas of food, nutrition and labeling, as well as in product development.

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HEMATHOLOGY

FARHI, D.C. *Pathology of bone marrow and blood cells*. 2.ed. Baltimore: Wolters Kluwer, 2009. 422 p.



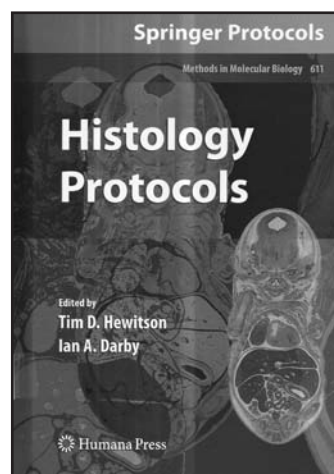
This work, published in its second edition in 2009, presents a concise text covering the current aspects of pathogenesis of hematological disorders. The illustrations, all photomicrographs, are excellent quality and representative of Hematologic frames discussed in the text. The book is divided into four parts, dealing with the main pathologies affecting the hematopoietic system in 28 chapters (304 pages). In the first section, the authors provide a brief review of hematopoiesis, addressing the structure of bone marrow, growth factors and cytokines that regulate the system as well as the extramedullary hematopoiesis sites after birth (liver and spleen). Also

in this introductory part, the authors discuss techniques for collecting bone marrow as well as the descriptive aspects of the analysis. The next part briefly covers the constitutional system of hematopoietic pathologies ranging from thalassemia and hemoglobinopathies including rarer syndromes such as Fanconi anemia and dyskeratosis congenita. The reactionary non-malignant pathologies such as nutritional anemia, inflammatory, allergic and infectious diseases are covered in 16 chapters in part three. Finally, in part four, the clonal nature of diseases is discussed, namely hematopoietic neoplasias. In 12 chapters, the risk factors for the development of onco-hematology, leukemia, acute or chronic, lymphoma (Hodgkin's and non-Hodgkin's), neoplasms of plasma cells, T cells, B cells and natural killer cells, histiocytics neoplasms and myelodysplastic syndromes are addressed. As an appendix, the text presents the latest classification of the World Health Organization (2008) for hematopoietic tumors and lymphoid tissues. As outlined, the text is concise and precise in the information provided, constituting an important volume for use at undergraduate level and by those requiring a rapid update.

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HISTOLOGY

HEWITSON, T.D.; DARBY, I.A. *Histology protocols*. New York: Humana Press, 2010. 229 p.



The book *Histology Protocols*, edited by Tim D. Hewitson and Ian A. Darby (Humana Press, 225 pages) reports the basic techniques of immunohistochemistry and molecular biology used to optimize resources and obtain accurate results. The book is divided into three parts. In the first part, the authors explain in three chapters how to prepare tissue, perform fixation, embedding and sample processing (Chapter 1) for the main techniques used for extracting RNA from histological samples (Chapters 2 and 3). The main histological staining techniques are covered in the second part of the book. Techniques for