



Book review

Tumors of the Lymph Node and Spleen. L. Jeffrey Medeiros, Dennis P. O'Malley, Nancy P. Caraway, Francisco Vega, Kojo S.J. Elenitoba-Johnson and Megan S. Lim. *AFIP Atlas of Tumor Pathology. Series 4. Fascicle 25.* Silver Spring, Maryland: American Registry of Pathology; 2017. 1086 pages. ISBN 978-1933477-38-1. Hardcover, \$249.00.

The AFIP Atlas: Tumors of the Lymph Node and Spleen represents the fourth edition in the classic series of AFIP fascicles. This edition, published by the American Registry of Pathology, includes modifications of diagnostic categories and reflects the progressive understanding of hematopoietic pathobiology, due in large part to advances in molecular and genetic technology.

In addition to upholding a reputation for accurate morphologic descriptions, this edition excels in its focus on key molecular interactions. At the start, the fascicle emphasizes fundamental cellular relationships that highlight the functional anatomy and physiologic dynamics of the secondary lymphoid tissues. This information serves as a framework for the rest of the book, as individual chapters build on the basic knowledge of primary physiologic functions to capture key deviations of the body's main defense system.

The chapter on specimen collecting and molecular and genetic techniques serves not only as a helpful primer to residents and trainees but also as an excellent review for pathologists in practice looking for a summary of genetic abnormalities and current diagnostic tools. In addition, this chapter segues smoothly into the later chapter on large cell transformation, where knowledge of vital molecular events and clonal evolution is essential.

The section on classification of lymphomas paints the historical background for those readers new to the study of hematopathology by including a brief account of previous classifications of lymphoid malignancies. This sets the stage to describe the evolution of different classification schemas

resulting from significant ongoing molecular and genetic enlightenment.

The most substantial portion of the volume comprises the chapters on individual lymphoid malignancies and incorporates changes made in the 2017 updated World Health Organization Tumors of Hematopoietic and Lymphoid Tissues. The chapters on B-cell malignancies are thorough, accurate, and well written, and include succinct descriptions of differential diagnoses, which makes the fascicle an excellent tool to have on-hand for quick consultation. Readers will notice and appreciate the number of high-quality color photomicrographs in this volume, far exceeding that of other reference books of its kind.

The information on the common peripheral T-cell lymphomas is robust, but the information on rare T-cell lymphomas, such as enteropathy-associated T-cell lymphoma, monomorphic epitheliotropic intestinal T-cell lymphoma, subcutaneous panniculitis-like T-cell lymphoma, and other rare primary cutaneous peripheral T-cell lymphomas, is abbreviated. Regardless, this book stands apart from other lymphoid reference books with its in-depth review of infectious organism-associated lymphoproliferations, histiocytic/dendritic cell neoplasms, and tumors of the spleen, which makes for an easy all-in-one reference for pathologists in practice.

The updated fascicle is comprehensive and applicable to a broad audience, with a characteristic flair for morphologic descriptions, abundant and beautifully constructed photomicrographs, and a refined focus on molecular and genetic features. The list price for this reference book is \$249.00 and is available to subscribing residents for \$174.30 and to subscribing faculty and staff for \$199.20.

Laura Wake, MD
 Department of Hematopathology, Johns Hopkins Medical
 Institutions, MD 21231, USA
 E-mail address: lwake1@jhmi.edu.