
Preface

Infectious disease pathology is a wide encompassing special interest within anatomic pathology, aided by various ancillary testing methods that often fall into the clinical/molecular microbiology realm. Infectious agents can be encountered in any subspecialty of pathology, and while large academic practices may confront them more frequently, smaller community practices are certainly not exempt. While many wonderful general and subspecialty volumes have been written on the subject, the aim of this publication is to provide primarily image-based educational content, geared toward the most frequently encountered infectious entities. It is my hope that this volume will prove to be an easy-to-use reference guide for daily anatomic pathology sign-out in a wide variety of practice settings as well as an educational collection for those interested in learning more about the histopathological manifestations of various infections.

The focus of the images will be on the hematoxylin and eosin (H&E) stained appearances of infectious agents and will highlight common special stains that can be used to aid in diagnoses. Where appropriate, commentary regarding additional testing such as immunohistochemistry and molecular-based testing is supplied. The atlas is organized primarily by pathogen type, followed by a discussion of the various manifestations that may occur in individual organ systems.

As infectious disease pathology is not an emphasis of a typical residency or fellowship curriculum, those pursuing advanced education must often seek the experience of others. As such, I would especially like to thank Dr. Bobbi Pritt for being instrumental in furthering my interest in the subject during my microbiology fellowship training at Mayo Clinic and beyond. I would also like to thank my colleagues Dr. Ryan F. Relich, Dr. Thomas E. Davis, and Dr. James W. Smith from the Indiana University School of Medicine for their insights and access to their extensive archival material. Special thanks also to Lee Klein, senior editor at Springer, for keeping me (mostly) on track during the year and a half development and writing process. I greatly appreciate the assistance. Lastly, I need to thank my wonderful wife, Ingrid, for putting up with the late nights and lost weekends and for her support not only on this project but over my entire career.

For the readers, I hope you enjoy the atlas and that it is a valuable contribution to your medical knowledge.

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