Preface

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Guest Editor

Genitourinary pathology is a complex area, with unique diseases and neoplasms not encountered in other systems and many entities that overlap with other systems. Experienced surgical pathologists, as well as trainees, often require a comprehensive and visual access to information on entities encompassing genitourinary pathology. “Current Concepts in Genitourinary Pathology” is the first edition in the *Surgical Pathology Clinics* series. This publication is intended for the practicing pathologist, as well as trainees who want to get an up-to-date and very practical overview of an entity that they might encounter in their daily practice, supplemented with high-quality images of each entity.

The topics have been carefully chosen to cover the spectrum of disease entities from genitourinary pathology and include prostate carcinoma and its mimickers, prostatic intraepithelial neoplasia, bladder diseases and neoplasms, adult and pediatric renal neoplasms, penile diseases and tumors, and testicular neoplasms. One of the unique aspects of this issue is the comprehensive coverage of the molecular pathology of each organ from the genitourinary tract, with an up-to-date discussion of the key tumor markers and techniques. This coverage and discussion will be helpful for today’s surgical pathologist, as they practice in an era where new discoveries are being made every day and new and relevant information impacting their diagnosis is becoming available at a rapid pace.

Within the issue, we have followed a specific format and have provided the reader with key gross and microscopic features, followed by differential diagnosis, diagnosis, and prognosis for each entity. Key references have been provided for each section. For all the key disease entities, we have summarized the key features, differential diagnosis, and the pitfalls in boxes. The information in this format can be rapidly available for daily sign out or even in preparation for a tumor board or teaching conference. As I have seen this issue come together over the last few months, and as I have reviewed the images and key feature boxes that the contributors have provided, I am convinced that the cumulative experience of these contributors has resulted in a rich resource of genitourinary pathology information for the practicing surgical pathologists.

One of the challenges in putting together this edition was to provide a comprehensive overview with superb illustrations, and yet try to remain within a standard format and length for each of the articles. I am grateful to the many expert genitourinary pathologists who not only succinctly provided the information, but did so without compromising on the depth needed to understand the disease entity. These authors have, in my opinion, provided to this issue their collective experience and expertise in the complex subject of Genitourinary Pathology. The wide spectrums of illustrative cases from their consult files have successfully highlighted the salient features of each of the

entities. Their collective effort has produced this final product, which will provide today's surgical pathologist with a valuable resource for relevant information, including tumor subtypes, diagnostic pitfalls, and diagnostic features leading to the generation of a more comprehensive surgical pathology report impacting the care of the cancer patient.

I also want to acknowledge our clinical and pathology colleagues, who have contributed consult cases to each one of the authors or have provided illustrations. Last but not the least, I am grateful to our publisher, Elsevier, and the editor of the *Clinics*

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