• University of Florida Pathology Laboratories’ (UF PathLabs’) Urologic Pathology Division supports urologists in the care of their patients, incorporating the most up-to-date research and techniques that only an academic health center can provide.

• All of the Division’s expert pathologists are subspecialty trained in urologic pathology from outstanding institutions, including the University of Florida, MD Anderson Cancer Center and Johns Hopkins Hospital.

• Our pathologists’ experience is gained from years of subspecialty practice in a challenging multidisciplinary academic environment.

• Each year, our Urologic Pathology Division reviews more than 1,500 prostate cases and nearly 300 prostate slide review consultations, including many difficult cases that are submitted by clinicians and pathologists.

• UF PathLabs’ physicians participate in daily consensus slide review conferences on challenging cases, including small foci of carcinoma and new cancer diagnoses.

• Our extensive in-house immunohistochemical test menu, including triple-stain cocktail for prostate biopsies that maximizes scant biopsy tissue (p63, 34BE12, p504s), allows for accurate and timely diagnosis and prognosis.

• Multiple tissue levels are examined from each prostate and bladder biopsy with intervening unstained slides saved for potential immunohistochemical stains (This is more expensive for us but better for patient care.)

• UroVysion™, a fluorescence in-situ hybridization (FISH) bladder test, is available on-site for evaluation of hematuria and follow-up screening of bladder cancer patients.
Urologic Pathology Unit Director | Robert W. Allan, M.D.

Dr. Robert Allan is the medical director for UF PathLabs; an associate professor of pathology at the University of Florida; and the director of UF PathLabs’ Urologic Pathology Division. Dr. Allan was trained at Johns Hopkins Hospital under the mentorship of Jonathan Epstein, M.D., the world’s foremost expert in urologic pathology. He is also a nationally recognized urologic pathologist who has participated in international consensus conferences on the handling and reporting of prostate carcinoma cases. Dr. Allan’s research interests include prostate and bladder cancer, as well as testicular germ-cell tumors, and he has authored nearly 50 peer-reviewed publications based on his research.

Working in a multidisciplinary environment at UF keeps Dr. Allan well-connected to top physicians in his specialty and abreast of cutting-edge urology research developments. He practices with an outstanding team of urologic pathologists who were trained at top teaching institutions with leading urologic pathology programs. As a result, he is able to guide treating physicians in choosing the most appropriate diagnoses and follow-up treatments for their patients’ urologic conditions.

When he is not practicing, Dr. Allan enjoys being outdoors, hiking, traveling and spending time with his family.

UF PathLabs’ Urologic Pathology Unit focuses on three concerns:

Academic:
• Educating University of Florida pathology residents and fellows in urologic pathology
• Educating UF trainees in urology
• Educating UF medical students

Clinical:
• Making urologic pathology services available to patients at Shands at UF, Shands Cancer Hospital and Shands Hospital for Children

Research:
• Making consultative urologic pathology services available for veterans at the Malcom Randall VA Medical Center in Gainesville, Fla.
• Making academic-caliber pathology services available to community urologists
• Conducting scientific and translational research to advance the discipline of urologic pathology and incorporating that research into clinical practice

Urologic Pathology Tests

Prostate Biopsy
• One biopsy per tissue block
• Three tissue levels are examined from each biopsy; intervening unstained slides are saved for immunohistochemistry.
• Customizable reporting is available.

Bladder Biopsy/Urine Cytology
• Consensus evaluations on small atypical glands and small foci of cancer

Kidney Biopsies/Other
• UroVysion™ FISH testing
• Urine cultures
• Renal stone analysis
• Extensive immunohistochemical menu for classifying kidney tumors
• Testicular biopsies for infertility
• Vas deferens for sterilization

Dr. Allan has authored nearly 50 peer-reviewed publications on his research, including:
1. Minute adenocarcinoma on prostate needle biopsy: correlation with radical prostatectomy


2. SALL4 is a novel sensitive and specific marker for metastatic germ cell tumors, with particular utility in detection of metastatic yolk sac tumors.

Cancer. 2009 Jun 15; 115(12):2640-51

3. Smoothelin immunohistochemistry is a useful adjunct for assessing muscularis propria invasion in bladder carcinoma.

Histopathology. 2010 Jun; 56(7):951-956