

Steven Christopher Smith, MD, PhD

Professor of Pathology
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Dr. Smith joined the Pathology Department in 2014. He received a B.S. in Genetics and Biology from the University of Georgia as a Foundation Fellow in 2002, then completed the NIH-designated Medical Scientist Training Program at the University of Virginia (MS, 2006, PhD, 2008, and MD, 2008). After a postdoctoral fellowship at UVA, he completed his residency in Anatomic Pathology at the University of Michigan at Ann Arbor, and a fellowship in Genitourinary Pathology at Cedars-Sinai Medical Center, Los Angeles.

Dr. Smith has authored >140 peer-reviewed publications and >70 textbook chapters, including in the *Diagnostic Pathology: Genitourinary* series and as author of multiple sections in multiple editions of the WHO Classification series. He serves as Associate Editor for the *International Journal of Surgical Pathology* and on the editorial board of the *American Journal of Clinical Pathology*, *Clinical Genitourinary Cancer*, *Diagnostic Pathology*, *Bladder Cancer*, and *Frontiers in Medicine*. He has taught numerous courses at USCAP and Companion Societies, ASCP, and IAP meetings in the US, Canada, Europe, Asia, and Australia.

Clinical Specialties: *Genitourinary Pathology; Bone and Soft Tissue Pathology; Pediatric Solid Tumor Pathology*

Education

2002	B.S. - Genetics, University of Georgia, Athens, GA
2006	M.S. - Biological Sciences, University of Virginia, Charlottesville, VA
2008	Ph.D. - Physiology, University of Virginia, Charlottesville, VA
2008	M.D. - University of Virginia, Charlottesville, VA
2013	Residency in Anatomic Pathology, University of Michigan, Ann Arbor, MI
2014	Fellowship in Genitourinary Pathology, Cedars-Sinai Medical Center, Los Angeles, CA

Licenses & Certifications

2013-current Diplomate, Anatomic Pathology, American Board of Pathology

2014-current Medicine and Surgery, Commonwealth of Virginia

Selected Awards & Honors

2020-2024 Richmond Magazine "Top Docs", top vote recipient 2023, 2024

2014 International Society of Urology Pathology Excellence in
Urologic Pathology Fellow Award

2013 M.R. Abell Housestaff Award, University of Michigan Department of
Pathology

Recent Grants and Funding

Current

Project FP00019030_AW, MYCN drives a ferroptotic vulnerability in
neuroblastoma, PI: Faber A. 9/1/2023 – 8/31/2028

Editorial Advisory Boards

Associate Editor: International Journal of Surgical Pathology

Assistant Editor: American Journal of Clinical Pathology

Editorial Board Member: American Journal of Clinical Pathology, Clinical
Genitourinary Cancer, Diagnostic Pathology, Bladder Cancer, and Frontiers in
Medicine

Recent Invited Presentations

Smith SC. "Spectrum of Surgical Pathology Findings in Post-Treatment
Metastatic Germ Cell Tumors, including SST". Genitourinary Pathology

Society (GUPS) *Virtual Education Series* on Testicular Germ Cell Tumors. (Invited Lecture). 6/2024

Smith SC. "RCC, from Clear to Pink Cytology, and 'Pink is in'". Grand Rounds, Department of Pathology, Tata Memorial Hospital, Mumbai, Maharashtra, India. (In person, Invited Grand Rounds) 7/2023

Smith SC. Keynote Speaker, Dialogs in UroOncology and Uropathology Summit 2023, sponsored by the Society of Genito-Urinary Pathologists, at Jayaramdas Patel Academic Center, Muljibhai Patel Urological Hospital Nadiad, Gujarat, India (Five in person invited lectures, various GU and Soft Tissue Topics). 7/2023

Smith SC. "Tribulations with Testes: Lessons from Ten Years of Consults and Interesting Cases". Seminar, ISUP Presents, virtual, International Society for Urological Pathology. (Invited lecture). 6/2023

Smith SC. "A Novel Variant Subtype of Urothelial Carcinoma, with Clinical Implications" International Academy of Pathologists Congress, Sydney, NSW, Australia, 2022

Selected Publications

Peer Reviewed Papers

Poklepovic AS, Gordon SW, Kothadia S, McGuire WP, Thacker LR, Deng X, Tombes MB, Shrader E, Hudson D, Bandyopadhyay D, Ryan AA, Kmiecik M, **Smith S**, Dent P. A phase 1 study of regorafenib and sildenafil in adults with advanced solid tumors. *Anticancer Drugs*. 2024 Jun 1;35(5):450-458. Epub 2024 Mar 8 PMID: 38452059

Kozman D, Kao CS, Nguyen JK, **Smith SC**, Kehr EL, Tretiakova M, Przybycin CG, Williamson SR, Argani P, Eng C, Campbell SC, McKenney JK, Alaghebandan R. Renal Neoplasia Occurring in Patients With PTEN Hamartoma Tumor Syndrome : Clinicopathologic Study of 12 Renal Cell Carcinomas From 9 Patients and Association With Intrarenal "Lipomas". *Am J Surg Pathol*. 2023 Sep 1;47(9):1001-1010. doi: 10.1097/PAS.0000000000002079. Epub 2023 Jun 26. PubMed PMID: 37357918

Hurwitz E, Parajuli P, Ozkan S, Prunier C, Nguyen TL, Campbell D, Friend C, Bryan AA, Lu TX, **Smith SC**, Razzaque MS, Xu K, Atfi A. Antagonism between Prdm16 and Smad4 specifies the trajectory and progression of pancreatic cancer. *J Cell Biol.* 2023 Apr 3; 222(4). PMID: 36828547

Hiemenz MC, Kaur J, Kuang Z, Huang RSP, Harries L, Metzger D, Schiavone K, Millis SZ, Lin DI, Lechpammer M, Decker B, Mata DA, Reddy A, Parke M, Lee EY, Cui X, Iwenofu OH, Buehler D, Henderson L, Baldwin EM, Boikos SA, Ramkissoon SH, **Smith SC**. POU2AF3-rearranged sarcomas: A novel tumor defined by fusions of EWSR1 or FUS to a gene formerly designated COLCA2. *Genes Chromosomes Cancer.* 2023 Mar 2. PMID: 36862145

Mochel MC, Wojcik JB, Gowda M, Tye GW, Patel RM, **Smith SC**. Pediatric soft tissue neoplasms with BRAF activating mutations. *Mod Pathol.* 2021 Jun 11. PMID: 34117348

Smith SC, Gandhi JS, Moch H, Aron M, Comperat E, Paner GP, McKenney JK, Amin MB. Similarities and Differences in the 2019 ISUP and GUPS Recommendations on Prostate Cancer Grading: A Guide for Practicing Pathologists. *Adv Anat Pathol.* 2021 Jan; 28(1):1-7. PMID: 33027069