

# **CURRICULUM VITAE**

**Ali Amin, M.D.**

Revised 3/25/2019

Professional Address: The Miriam Hospital  
164 Summit Avenue  
Providence, RI 02906  
Tel: (401) 793-4212  
Fax: (401) 274-5154  
E-mail: aamin@lifespan.org

## **EDUCATION**

1991-1997 Diploma of Medicine  
Shiraz University of Medical Sciences  
Shiraz, Iran

1997-1998 Medical Internship, Shiraz University of  
Medical Sciences Affiliated Hospitals  
Shiraz, Iran

## **POSTGRADUATE TRAINING**

2000-2004 Resident in Anatomic and Clinical Pathology  
Shiraz University of Medical Sciences, Shiraz, Iran

2005-2009 Resident in Anatomic and Clinical Pathology  
St. Luke's-Roosevelt Hospital Center, New York, NY

2008-2009 Chief Resident in Anatomic and Clinical Pathology  
St. Luke's-Roosevelt Hospital Center, New York, NY

2009-2010 Surgical Pathology/Oncology Fellow  
Memorial Sloan Kettering Cancer Center, New York, NY

2010-2011 Genitourinary Pathology Fellow  
Johns Hopkins Hospital, Baltimore, MD

## **POSTGRADUATE HONORS AND AWARDS**

June 2018 Outstanding Mentor Certificate of Appreciation, The Warren  
Alpert Medical School of Brown University

July 2017 Certificate of Recognition for exemplary teaching in BIOL 3643  
IMS I: Histology; The Warren Alpert Medical School of Brown  
University

## CURRICULUM VITAE

**Ali Amin, M.D.**

### **POSTGRADUATE HONORS AND AWARDS (continued)**

2016	Clinical Science Category reward for abstract: "Molecular evidence of preneoplastic potential of intestinal metaplasia in the urinary bladder." 24th Annual Lifespan Hospital Research Symposium, October
2016	CAP16 Top 5 Junior Member Abstract Program for abstract: Cancer stem cell marker expression can be used to determine aggressive behavior in conventional and micropapillary urothelial carcinomas, CAP 2016, Las Vegas
2013-2014	Alan Podis teaching Award, Department of Urology, The Warren Alpert Medical School of Brown University
2013-2014	Ronald DeLellis Mentoring Award, Department of Pathology of the Warren Alpert Medical School of Brown University
2012-2013	Best Teacher in Anatomical Pathology, Department of Pathology of the Warren Alpert Medical School of Brown University
2011-2012	Best Teacher in Anatomical Pathology, Department of Pathology of The Warren Alpert Medical School of Brown University
2004	Best Resident Research Publication, Pathology Department of Shiraz University of Medical Sciences for the paper, Anthrax: pathological aspects in autopsy cases in Shiraz, Islamic Republic of Iran, 1960-2001

### **PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

2011-2020	Rhode Island Allopathic Physician License
2011	American Board of Pathology (AP/CP)

### **ACADEMIC APPOINTMENTS**

2018-present	Associate Professor of Pathology and Laboratory Medicine Brown University, Warren Alpert Medical School, Providence, RI
2011-2018	Assistant Professor of Pathology and Laboratory Medicine Brown University, Warren Alpert Medical School, Providence, RI
2011-present	Director of Genitourinary Pathology Rhode Island and Miriam Hospitals, Providence, RI

## CURRICULUM VITAE

**Ali Amin, M.D.**

### HOSPITAL APPOINTMENTS

2011-present	Attending Pathologist, Oncology/Genitourinary Pathology Director of Genitourinary Pathology, Rhode Island and Miriam Hospitals, Providence, RI
2014-present	Director of Tissue Bank, The Miriam Hospital, Providence, RI

### OTHER APPOINTMENTS

2013-present	Editorial Board Member of Annex publishers Journal of Immunology and Infectious Diseases
2013-2014	Secretary/Treasurer, Rhode Island Society of Pathologists (RISP) Providence, RI
2014-2015	President, Rhode Island Society of Pathologists (RISP) Providence, RI
2014-present	Editorial Board Member of Science Publications American Journal of Medicine
2014-present	Editorial Board Member of Scholar One Manuscripts
2014-present	Editorial Board Member of European Journal of Rheumatology
2015-present	Editorial Board Member of Cancer Investigations
2015-present	Editorial Board Member of Grandhara Publishers American Journal of Advanced Medical Sciences (AJAMS)
2015-present	Editorial Board Member of Elsevier Editorial System Cancer Letters
2016-present	Editorial Board Member of Remedy Publications Journal of Urology Surgery
2016-2017	Editorial Board Member of JSciMed Central Journal of Ear, Nose and Throat Disorders
2016-2018	Ambassador, United States and Canadian Academy of Pathology (USCAP)
2018-present	Rhode Island Delegate, College of American Pathologists (CAP) CAP House of Delegates (HOD)
2018-present	Bylaw Committee Member, Genitourinary Pathology Society Genitourinary Pathology Society (GUPS)

### UNIVERSITY COMMITTEES

2014-present	Clinical Competency Committee of Pathology Training Program Brown University, Warren Alpert Medical School, Providence, RI
2016-present	Residency Search Committee, Pathology Training Program Brown University, Warren Alpert Medical School, Providence, RI
2018-present	Residency Steering Committee, Pathology Training Program Brown University, Warren Alpert Medical School, Providence, RI

## CURRICULUM VITAE

**Ali Amin, M.D.**

### UNIVERSITY COMMITTEES (continued)

2019-present            Assistant Director of the Residency Well-being Committee,  
Pathology Training Program  
Brown University, Warren Alpert Medical School, Providence, RI

### MEMBERSHIP IN SOCIETIES

2015-present            Member, Iranian Pathology Association of North America  
(IPANA) (active)  
2011-present            Member, International Society of Urological Pathology (ISUP)  
(active)  
2011-present            Member, College of American Pathologists (CAP) (active)  
2011-present            Member, TMH Medical Staff (active)  
2011-present            Member, Rhode Island Society of Pathologists (RISP) (active)  
2010-present            Member, United States and Canadian Academy of Pathology  
(USCAP) (active)  
2011-2013                Member, RIH Medical Staff  
2010-2011                Member, American Urology Association  
2008-2009                Member, Academy of Clinical Laboratory Physicians and  
Scientists  
2006-2014                Member, American Society of Clinical Pathology

### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Amin A**: AIDS, a new hope for patients? *Med Hypotheses* 2003; 61(5-6): 661.
2. Bolandparvaz S, Vasei M, Owji AA, Ata-Ee N, **Amin A**, Daneshbod Y, Hosseini SV. Urinary 5-hydroxy indole acetic acid as a test for early diagnosis of acute appendicitis. *Clin Biochem* 2004; 37(11): 985-989.
3. Tabei SZ, **Amin A**, Mowla A, Nabavizadeh SA, Razmkon A: Anthrax – pathological aspects in autopsy cases in Shiraz, Islamic Republic of Iran, 1960-2001. *East Mediterr Health J* 2004; 10 (1 & 2): 27-36.
4. **Amin A**, Monabati A, Kumar PV, Hashemi SB: Nasal glioma (neuroglial heterotopia) mimicking astrocytoma, a case report. *Ear Nose Throat J* 2005; 84(10): 657-658.
5. **Amin A**, Monabati A, Tadayon A, Attaran SY, Kumar PV: Testis FNA in infertility. *ACTA Cytol* 2006; 50(2): 147-150.
6. Razaq W, Goel A, **Amin A**, Grossbard ML. Primary central nervous system mucosa-associated lymphoid tissue lymphoma: case report and literature review. *Clin Lymphoma Myeloma*. 2009; 9(3): E5-9.
7. **Amin A**, Balderacchi JL. Trigeminal neurosarcoidosis: case report and literature review. *Ear Nose Throat J*. 2010; 89(7): 320-322.

## CURRICULUM VITAE

**Ali Amin, M.D.**

### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)

8. **Amin A**, Epstein JI. Pathological stage of prostatic ductal adenocarcinoma at radical prostatectomy: effect of the percentage of the ductal component and associated grade of acinar adenocarcinoma. *Am J Surg Pathol*. 2011; 35(4): 615-619.
9. **Amin A**, Partin A, Epstein JI. Gleason score 7 prostate cancer on needle biopsy: relation of primary pattern 3 or 4 to pathological stage and progression after radical prostatectomy. *J Urol*. 2011; 186(4):1286-1290.
10. Chaux A, Velazquez EF, **Amin A**, Soskin A, Pfannl R, Rodríguez IM, Barreto JE, Lezcano C, Ayala G, Netto GJ, Cubilla AL. Distribution and characterization of subtypes of penile intraepithelial neoplasia and their association with invasive carcinomas: a pathological study of 139 lesions in 121 patients. *Human Pathol* 2011; 43(7):1020-1027.
11. Chang A, **Amin A**, Gabrielson E, Illei P, Roden RB, Sharma R, Epstein JI. Utility of GATA3 immunohistochemistry in differentiating urothelial carcinoma from prostate adenocarcinoma and squamous cell carcinomas of the uterine cervix, anus and lung. *Am J Surg Pathol*. 2012; 36(10): 1472-1476.
12. Han JS, Toll AD, **Amin A**, Carter HB, Landis P, Lee S, Epstein JI. Low prostate-specific antigen (PSA) and no Gleason score upgrade despite more extensive cancer on biopsy predicts insignificant prostate cancer at radical prostatectomy in men on active surveillance. *Urology*. 2012; 80(4): 883-888.
13. **Amin A**, Epstein JI. Noninvasive micropapillary urothelial carcinoma: a clinicopathological study of 18 cases. *Hum Pathol* 2012; 43(12): 2124-2128.
14. Kryvenko ON, Gupta NS, Virani N, Schultz D, Gomez J, **Amin A**, Lane Z, Epstein JI. Gleason score 7 adenocarcinoma of the prostate with lymph node metastases: analysis of 184 radical prostatectomy specimens. *Arch Pathol Lab Med* 2013; 137(5): 610-617.
15. Saffarini CM, McDonnell EV, **Amin A**, Spade DJ, Huse SM, Kostadinov S, Hall SJ, Boekelheide K. Maturation of the developing human fetal prostate in a rodent xenograft model. *The Prostate* 2013; 73(16): 1761-75.
16. **Amin A**, Griffith RC, Chaux A. Penile Intraepithelial neoplasia with pagetoid features: report of an unusual variant mimicking Paget's disease. *Human Pathol* 2014; 45(4): 889-892.
17. Saffarini CM, McDonnell EV, **Amin A**, Huse SM, Boekelheide K. Developmental exposure to estrogen alters differentiation and epigenetic programming in a human fetal prostate xenograft model. *PLoS One*. 2015 Mar 23; 10(3):e0122290.
18. Li J, Jackson CL, Yang D, Noble L, Wheeler M, MacKenzie D, Adegun T, **Amin A**. Comparison of tyrosine kinase receptors HER2, EGFR and VEGFR expression in micropapillary urothelial carcinoma with invasive urothelial carcinoma. *Target Oncol*. 2015 Sep; 10(3):355-363.
19. Shuch B, **Amin A**, Armstrong AJ, et al. Understanding pathologic variants of renal cell carcinoma: distilling therapeutic opportunities from biologic complexity. *Eur Urol*. 2015 Jan; 67(1):85-97.

## CURRICULUM VITAE

**Ali Amin, M.D.**

### **ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)**

20. Saffarini CM, McDonnell EV, **Amin A**, Boekelheide K. A human fetal prostate xenograft model of developmental estrogenization. *Int J Toxicol*. 2015 Mar-Apr; 34(2):119-128.
21. Meunier R, Pareek G, **Amin A**. Metastasis of malignant melanoma to urinary bladder: a case report and review of the literature. *Case Rep Pathol*. 2015; 2015:173870. doi: 10.1155/2015/173870. Epub 2015 May 28. PMID: 26106499.
22. Leone A, Rotker K, Butler C, Mega A, Li J, **Amin A**, Schiff SF, Pareek G, Golijanin D, Renzulli JF 2<sup>nd</sup>. Atypical small acinar proliferation: repeat biopsy and detection of high grade prostate cancer. *Prostate Cancer*. 2015; 2015:810159. doi: 10.1155/2015/810159. Epub 2015 Sep 14. PMID: 26451257.
23. Chen SD, Fava JL, **Amin A**. Gleason grading challenges in the diagnosis of prostate adenocarcinoma: experience of a single institution. *Virchows Arch*. 2016 Feb; 468(2):213-218. doi: 10.1007/s00428-015-1879-4. Epub 2015 Nov 12. PMID: 26563400.
24. Zhao CL, Griffith R, Ellermeier A, Henriksen K, **Amin A**. Unusual manifestations of secondary urothelial carcinoma. *Hum Pathol Case Reports*. 2016; Mar; 3: 1-5.
25. Leone A, Gershman B, Rotker K, Butler C, Fantasia J, Miller A, Afidata A, **Amin A**, Zhao A, Jiang Z, Sebo T, Mega A, Schiff S, Pareek G, Golijanin D, Yates J, Karnes RJ, Renzulli J. Atypical small acinar proliferation (ASAP): is a repeat biopsy necessary ASAP? A multi-institutional review. *Prostate Cancer Prostatic Dis*. 2016 Mar; 19(1): 68-71.
26. Chen S, Patil PA, Lepe M, Lombardo KA, **Amin A**, Matoso A. Retrospective analysis of atypical glands suspicious for carcinoma in transurethral resection of prostate. *Appl Immunohistochem Mol Morphol*. 2018 Mar; 26(3):186-191. doi: 10.1097/PAI.0000000000000407. PMID: 27299192.
27. Golijanin J, **Amin A**, Moshnikova A, Brito JM, Tran TY, Adochite RC, Andreev GO, Crawford T, Engelman DM, Andreev OA, Reshetnyak YK, Golijanin D. Targeted imaging of urothelium carcinoma in human bladders by an ICG pHLIP® peptide ex vivo. *PNAS* 2016 Oct 18; 113(42):11829-11834.
28. Li J, Lu S, Lombardo K, Monahan R, **Amin A**. ARID1A alteration in aggressive urothelial carcinoma and variants of urothelial carcinoma. *Human Pathol* 2016 Sep;55:17-23. doi: 10.1016/j.humpath.2016.04.006. Epub 2016 Apr 20. PMID: 27137986.
29. Amin A. Pitfalls of diagnosis of extraprostatic extension in prostate adenocarcinoma. *Ann Clin Pathol* 2016 July; 4(6): 1086.
30. Cancian M, Tran T, **Amin A**, Golijanin D. Primary bladder MALT lymphoma in a patient with rheumatoid arthritis. *Urology: Clinics in Surgery*, March 3 2017.
31. Zhou AG, **Amin A**, Yates JK, Diamond DA, Tyminski MM, Badway JA, Ellsworth PI, Aidlen JT, Owens CL. Mass forming eosinophilic cystitis in pediatric patients. *Urology* 2017 Mar; 101: 139-141.
32. **Amin A**. Prostate ductal adenocarcinoma. *Appl Immunohistochem Mol Morphol*. 2017 Mar 30. doi: 10.1097/PAI.0000000000000508. [Epub ahead of print]. Review. PMID: 28362706.

## CURRICULUM VITAE

**Ali Amin, M.D.**

### **ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)**

33. Pereira J, Renzulli J 2<sup>nd</sup>, Pareek G, Moreira D, Guo R, Zhang Z, **Amin A**, Mega A, Golijanin D, Gershman B. Perioperative morbidity of open versus minimally invasive partial nephrectomy: a contemporary analysis of the National Surgical Quality Improvement Program. *J Endourol.* 2018 Feb; 32(2):116-123. doi: 10.1089/end.2017.0609. Epub 2017 Dec 21. PMID: 29121786.
34. Patil PA, Kassem MM, **Amin A**. Neurofibromatosis mimicking perineural invasion in prostate adenocarcinoma. 10.1594/EURORAD/Case.14645.
35. Cancian M, Pareek G, Caldamone A, Aguiar L, Wang H, **Amin A**. Histopathology in ureteropelvic junction obstruction with and without crossing vessels. *Urology*, 2017. Sep;107:209-213. doi: 10.1016/J.Urology.2017.05.013. Epub 2017 May 16. PubMed PMID: 28526243.
36. Brito J 3<sup>rd</sup>, Pereira J, Moreira DM, Pareek G, Tucci C, Guo R, Zhang Z, **Amin A**, Mega A, Renzulli J 2<sup>nd</sup>, Golijanin D, Gershman B. The association of lymph node dissection with 30-day perioperative morbidity among men undergoing minimally invasive radical prostatectomy: analysis of the National Surgical Quality Improvement Program (NSQIP). *Prostate Cancer Prostatic Dis.* 2018 Jun 1. doi: 10.1038/s41391-018-0051-z. [Epub ahead of print]. PMID: 29858588.
37. Zhao CL, Hui Y, Wang LJ, Lombardo K, Yang D, Mangray S, Yakirevich E, Amin A, Huang CK, Lu S. T-complex-associated-testis-expressed 3 (TCTE3) is a novel marker for pancreaticobiliary carcinomas. *Human Pathol.* 2017 Dec;70:62-69. doi: 10.1016/J.Humanpath.2017.10.010. Epub 2017 Oct 24. PMID: 29079176.
38. Amin A. Understanding pitfalls of grading prostate carcinoma between biopsy and prostatectomy. *Am Med J*, 2018.
39. Zhao CL, Amin A, Hui Y, Yang D, Cao W. TGR5 expression in normal kidney and renal neoplasms. *Diagnostic Pathology* 13:22 2018. doi: 10.1186/S13000-018-0700-5.
40. Fantasia J, Brito J, Amin A, Pareek G. Anticipated treatment defect versus prostatic abscess: radiographic findings following transurethral convective radiofrequency-induced water vapor thermal ablation. *Canadian Journal of Urology* 2018; 25 (4):9424-9426.
41. Amin A. Can severe burn cause male infertility? *Clinical Mass Spectrometry* 2017 (In Press).
42. Zhao CL, Hui Y, Amin A. Temporal small arterial inflammation is common in patients with giant cell arteritis. *Human Pathol* (In Press). doi: 10.1016/J.Humpath.2018.06.020.
43. Amin A, Amin A, Sellke FW, Amin R. The pulse in traditional Iranian medicine. *Research in Cardiovascular Medicine* (In Press).
44. Pereira J, Pareek G, Renzulli J, Zhang Z, Amin A, Mega A, Tucci C, Golijanin D, Gershman B. The Perioperative Morbidity of Transurethral Resection of Bladder Tumor: Implications for Quality Improvement. *Urology* (In Press).
45. Brito J, Golijanin B, Kott O, Moshnikova A, Mueller-Leonhard C, Gershman B, Andreev OA, Reshetnyak YK, Amin A, Golijanin D. Ex-vivo Imaging of Upper Tract Urothelial Carcinoma Using Novel ICG-Var3 pHLIP Imaging Agent. *Urology* (In Press).

## CURRICULUM VITAE

**Ali Amin, M.D.**

### ABSTRACTS

1. Alborzi A, Abtahi F, Alborzi P, Amirahmadi M, **Amin A**, et al: A cross sectional survey of E.coli, shigella, klebsiella, proteus and pseudomonas to current and new antibiotics, Shiraz 1995-1997. Platform presentation in the 10th International Congress of Geographic Medicine and 6th Iranian Congress of Infectious and Tropical Diseases, Shiraz, Iran, 1997.
2. Little KY, Ramsson ES, Roland CJ, **Amin A**, et al. Midbrain dopamine cell number in human cocaine users. Annual UOM Research Fair, University of Michigan, Department of Psychiatry-VAMC, Ann Arbor, MI, 2005.
3. Shah RB, **Amin A**, et al. High carbonic anhydrase (CA) IX protein tissue expression predicts response to Interleukin (IL)-2 based therapy for advanced renal cell carcinoma patients. American Urologic Association (AUA), Atlanta, GA, 2006.
4. Shah RB, **Amin A**, et al. High carbonic anhydrase (CA) IX protein tissue expression predicts response to Interleukin (IL)-2 based therapy for advanced renal cell carcinoma patients. The United States and Canadian Academy of Pathology (USCAP), Atlanta, GA, 2006.
5. Razaq W, **Amin A**, et al. Primary CNS mucosa-associated lymphoid tissue (MALT) lymphoma. The Second Annual St. Luke's-Roosevelt Hospital Research Fair, New York, NY, 2008.
6. **Amin A**, et al. Evaluation of parafibromin in urothelial carcinoma. The 44th Annual Meeting of ACLPS, Los Angeles, CA, 2009.
7. **Amin A**, et al. Recurrence and progression rates of urothelial papillomas of the urinary bladder. Long-term clinical follow-up in 52 cases. American Urology Association (AUA) Annual meeting, Washington, DC, 2011.
8. **Amin A**, et al. Long Term Outcome in Urothelial Papillomas of the Urinary Bladder. Platform presentation in The United States and Canadian Academy of Pathology (USCAP), San Antonio, TX, 2011.
9. **Amin A**, et al. Assessment of the aggressiveness of ductal adenocarcinoma of the prostate: a radical prostatectomy study of 93 cases. The United States and Canadian Academy of Pathology (USCAP), San Antonio, TX, 2011.
10. **Amin A** et al. Relation of primary Gleason pattern 3 or 4 in prostate needle biopsy to pathological stage and progression after radical prostatectomy. The United States and Canadian Academy of Pathology (USCAP), Vancouver, CA, 2012.
11. **Amin A** et al. Non-invasive micropapillary urothelial carcinoma: a report of 18 cases. Platform presentation at The United States and Canadian Academy of Pathology (USCAP), Vancouver, CA 2012.
12. Chang A, **Amin A**, et al. Utility of GATA3 in the diagnosis of urothelial carcinoma. The United States and Canadian Academy of Pathology (USCAP), Vancouver, CA, 2012.
13. Han JS, Toll AD, **Amin A**, et al. Predictors of insignificant prostate cancer on radical prostatectomy (RP) following disease progression during active surveillance (AS). The United States and Canadian Academy of Pathology (USCAP), Vancouver, CA, 2012.



## CURRICULUM VITAE

**Ali Amin, M.D.**

### **ABSTRACTS (continued)**

14. Mehra R, **Amin A**, et al. Reproducibility assigning grade in noninvasive papillary urothelial neoplasms among dedicated genitourinary pathologists: a single-institution study based on the 2004 WHO Classification. The United States and Canadian Academy of Pathology (USCAP), Vancouver, CA, 2012.
15. Saffarini C, McDonnell E, **Amin A**, Huse S, Kostadinov S, Hall SJ, and Boekelheide K. The effects of endocrine disruption on the developing human fetal prostate. Poster Presentation. Northeast Chapter Society of Toxicology Annual Meeting, Cambridge, MA, September 2013.
16. Saffarini C, McDonnell E, **Amin A**, Spade D, Hall SJ, and Boekelheide K. The effects of endocrine disruption on the developing human fetal prostate. Poster Presentation. Society of Toxicology Annual Meeting, March 2013, San Antonio, TX.
17. Piskorski AM, **Amin A**, Smith A, et al. BHD-like manifestations in Smith-Magenis Syndrome. Poster Presentation . Association of Clinical Pathologists in conjunction with British Association of Cytopathology Meeting. London, UK. June 6<sup>th</sup> and 7<sup>th</sup>, 2013.
18. Li J, Yang D, Noble, L, Resnick M, **Amin A**. Comparison of tyrosine kinase receptors HER2, EGFR and VEGFR expression in micropapillary urothelial carcinoma with invasive urothelial carcinoma. The United States and Canadian Academy of Pathology (USCAP), Baltimore, MD, 2013.
19. Ellermeier C, Fava, J, **Amin A**. The difference between what is said and what is heard: phrases of uncertainty in surgical pathology reports. Platform presentation in The United States and Canadian Academy of Pathology (USCAP), Baltimore, MD, 2013.
20. Marketkar S, Clubwala R, Wang Y, **Amin A**. Malignant mesothelioma of the tunica vaginalis testis. Rhode Island Society of Pathologists, October meeting 2014. Providence, RI.
21. Meunier R, Pareek G, **Amin, A**. Malignant high grade tumor in bladder. Rhode Island Society of Pathologists, October meeting 2014, Providence, RI.
22. Leone A, Butler C, Zhou A, Rotker KL, **Amin A**, Jiang Z, Schiff SF, Pareek G, Golijanin D, Yates J and Renzulli JF. Atypical small acinar proliferation: is a repeat biopsy necessary ASAP? Society of Urologic Oncology, 2014.
23. Smith ACM, Fleming LR, Piskorski AM, **Amin A**, Phorphutkul C, de la Monte S, Stopa E, Introne W, Vilboux T, Duncan F, Pellegrino J, Braddock B, Middleton LA, Vocke C, Linehan WM. Deletion of 17p11.2 encompasses FLCN with increased risk of Birt-Hogg-Dubé in Smith Magenis Syndrome: recommendation for cancer screening. ASHG. San Diego, CA, October, 2014.
24. Fleming LR, Piskorski AM, **Amin A**, Phorphutkul C, de la Monte S, Stopa E, Introne I, Vilboux T, Duncan F, Middleton LA, Braddock B, Vocke C, Linehan WM, Smith, ACM. Deletion of 17p11.2 encompasses FLCN with increased risk of Birt-Hogg-Dubé in Smith Magenis Syndrome: recommendation for cancer screening. PRISMS St. Louis, MO, July, 2014.

## CURRICULUM VITAE

**Ali Amin, M.D.**

### **ABSTRACTS (continued)**

25. Butler C, Leone A, Rotker KL, Golijanin D, Pareek G, Schiff S, **Amin A**, Renzulli J. Atypical small acinar proliferation: is a repeat biopsy necessary ASAP? Platform presentation in New England Section of American Urology Association (NEAUA), Newport, RI, October, 2014.
26. Marketkar S, Clubwala R, Wang Y, **Amin A**. Malignant mesothelioma of the tunica vaginalis testis: case report and diagnostic challenges. College of American Pathologists (CAP) Annual Meeting, Chicago, IL, 2014.
27. Li J, **Amin A**. ARID1A alteration in micropapillary and sarcomatoid urothelial carcinomas. American Urology Association (AUA) Annual Meeting, Orlando, FL, 2014.
28. Zhao L, **Amin A**. Temporal small arterial inflammation is common in patients with giant cell arteritis. The United States and Canadian Academy of Pathology (USCAP), San Diego, CA, 2014.
29. Piskorski A, **Amin A**, Phornphutkul C, Stopa E, De La Monte S, Smith ACM. Birt Hogg Dube Syndrome: manifestations in an autopsy of a patient with Smith-Magenis Syndrome. The United States and Canadian Academy of Pathology (USCAP), San Diego, CA, 2014.
30. Chen S, Fava J, **Amin A**. An institutional experience on the management of prostatic adenocarcinoma. The United States and Canadian Academy of Pathology (USCAP), San Diego, CA, 2014.
31. Zhao CL, Griffith R, Ellermeier A, Henriksen K, **Amin A**. Unusual manifestations of secondary urothelial carcinoma. Rhode Island Society of Pathologists, September meeting, 2015.
32. Golijanin J, Brito J, Tran T, Adochite RC, Moshnikova A, Andreev OA, Reshetnyak YK, **Amin A**, Golijanin D. Near infrared fluorescent (NIRF) imaging of bladder tumors in fresh, ex vivo specimens after pH low insertion peptide (pHLIP) - indocyanine green (ICG) compound (ICG-pHLIP) intravesical instillation. New England Section of American Urology Association (NEAUA), 2015.
33. Wang H, Wang Y, **Amin A**. Mature retroperitoneal cystic teratoma associated with left adrenal gland in a 61 year old male: a case report. CAP Annual Meeting 2015, Nashville, TN.
34. Zhao CL, **Amin A**, Yang D, Noble L, Cao W. TGR5 is a marker of the distal tubules and is not expressed in renal clear cell carcinoma. CAP annual meeting 2015, Nashville, TN.
35. Ellermeier C, DeLellis R, Fava J, **Amin A**. The differences between what is said and what is heard: phrases of uncertainty in pathology reports. National Patient Safety Awareness Poster Symposium, Lifespan, March, 2015.
36. Leone A, Butler C, Zhou A, Rotker KL, **Amin A**, Jiang Z, Schiff SF, Pareek G, Golijanin D, Yates J and Renzulli JF. Immediate repeat biopsy is NOT necessary in patients with atypical small acinar proliferation (ASAP): a multi-institutional review. AUA, 2015.
37. Chen S, **Amin A**, Matoso A. Clinical significance of atypical prostate glands in TURP specimens. The United States and Canadian Academy of Pathology (USCAP), Boston, MA, 2015.

## CURRICULUM VITAE

**Ali Amin, M.D.**

### **ABSTRACTS (continued)**

38. Brito J, Golijanin J, Tran T, Andreev G, Reshetnyak Y, **Amin A**, Golijanin D. Ex vivo fluorescence imaging of urothelial carcinoma in human bladders targeted by ICG-pHLIP. AUA, 2016.
39. Ouseph MM, MacDougall DB, **Amin A**. Primary Renal Angiosarcoma, a rare neoplasm with poor prognosis. CAP, 2016.
40. Grada Z, El Jamal S, Lombardo K, Resnick M, **Amin A**. Does lymphocyte infiltration in seminoma lose the battle and express the exhausting markers. CAP, 2016.
41. Wang H, Lombardo K, **Amin A**. Cancer stem cell marker expression can be used to determine aggressive behavior in conventional and micropapillary urothelial carcinomas. CAP, 2016.
42. Wang H, Marketkar S, **Amin A**. Evaluation of special markers and morphometry in the diagnosis of muscular branches of renal vein invasion in renal cell carcinoma. CAP, 2016.
43. Leone A; Diorio G; Zargar K; Pareek G; Renzulli J; Dickinson S; **Amin A**; Sexton W; Spiess P; Poch M, Golijanin D. Presence and percentage of type 2 papillary RCC in mixed (type 1 and type 2) papillary renal cell carcinoma does not portend worse prognosis in patients treated by partial/radical nephrectomy in non-metastatic disease. AUA, 2016.
44. Fallon EA, Young WA, Heffernan DS, Muratore CS, **Amin A**, Erickson CP, Cioffi WG, Ayala A. The effects of intra-abdominal polymicrobial sepsis on neonatal murine lungs and its relationship to programmed cell death receptor-1 (PD-1). Shock, 2016.
45. Grada Z, Matoso A, Breese V, Jackson C, **Amin A**. Molecular evidence of preneoplastic potential of intestinal metaplasia in the urinary bladder. USCAP, 2016.
46. Slater S, Garcia Moliner M, Hart J, **Amin A**. Vulvovaginal smooth muscle tumors. USCAP, 2016.
47. Li J, Shah R, **Amin A**, Bhalla R, Das K, Deng, F, Lee P, Matoso A, Melamed J, Mendrinis, Tian W, Yaskiv O, Zhou M. Diagnostic accuracy of subpatterns of Gleason pattern 4 prostate cancer morphological subpatterns. USCAP 2016.
48. Li J, **Amin A**, Bhalla R, Das K, Deng, F, Lee P, Matoso A, Melamed J, Mendrinis, Tian W, Yaskiv O, Shah R, Zhou M. Quantifying Gleason Pattern 4 Prostate Cancer in Prostate Needle Biopsy: An interobserver reproducibility study. USCAP, 2016.
49. Doyle J, Golijanin B, **Amin A**, Moshnikova A, Brito J, Tran T, Wyatt L, Engelman DM, Andreev OA, Golijanin D, Reshetnyak YK. ICG pHLIP imaging agent for fluorescence-guided surgery: precise targeting, enhanced by image processing. WMIC 2017 Optical Surgical Navigation.
50. Grada Z; El Jamal S; Hui Y; Almardini N; Lombardo K; **Amin A**. Anaplastic features do not influence expression of PD-1 and PDL-1 in testicular seminomas. USCAP, 2017.
51. **Amin A**, Golijanin B, Golijanin J, Brito J, Tran T, Adochite RC, Moshnikova A, Andreev OA, Reshetnyak YK and Golijanin D. Role of pHLIP imaging in urological malignancies. USCAP, 2017.

## CURRICULUM VITAE

**Ali Amin, M.D.**

### **ABSTRACTS (continued)**

52. Brito J, Golijanin J, Tran T, Moshnikova A, Gershman B, Engelman DM, Reshetnyak Y, Andreev G, **Amin A**, Golijanin D. Novel endoscopic near infrared fluorescence imaging method using pHLIP/ICG in ex vivo cystectomy patients with bladder cancer. European Urology Association, 2017.
53. Cancian M, Wang H, Aguiar L, Caldamone A, **Amin A**, Pareek G. Histopathology shows no difference between intrinsic and extrinsic etiology of ureteropelvic junction obstruction. European Society for Pediatric Urology, 2017.
54. **Amin A**. Miscommunication in medicine. Program in educational faculty development, Warren Alpert School of Medicine at Brown University, 2017.
55. Pelcovits A, Mega A, **Amin A**, Golijanin D, Gershman B. Upper tract urothelial carcinoma with isolated lymph node involvement following surgical resection: implications for multimodal management. ASCO, 2018.
56. Velez D, **Amin A**, Pereira J, Bower P, Gershman B, Golijanin D, Renzulli J. Optimizing the threshold for pelvic lymph node dissection in contemporary surgical management of prostate cancer. AUA, 2018.
57. Pereira J, Golijanin D, **Amin A**, Mega A, Boorijan SA, Thompson RH, Leibovich BC, Gershman B. The natural history of renal cell carcinoma with isolated lymph node metastases in the targeted therapy era. AUA, 2018.
58. Brito JM, Golijanin B, Pereira J, **Amin A**, Golijanin D. Ex-vivo targeting of upper tract urothelial carcinoma using a novel pHLIP – ICG construct. AUA, 2018.
59. Shantharam G, Pereira J, Kott O, **Amin A**, MD, Mega A, Golijanin D, Gershman B. Intravesical docetaxel for the management of high-risk non-muscle invasive bladder cancer (NMIBC) following failed BCG therapy. AUA, 2018.
60. Pereira J, Pareek G, Renzulli J, Tucci C, **Amin A**, Mega A, Golijanin D, Gershman B. The perioperative morbidity of transurethral resection of bladder tumor: Implications for quality improvement. AUA, 2018.
61. Belova N, Lu S, **Amin A**. Nephrogenic adenoma is a mimicker of genitourinary malignancy. USCAP, 2018.
62. Zhang C, **Amin A**, Cao W. TGR5 expression in normal kidney and renal neoplasms. USCAP, 2018.
63. Alalao O, Mueller-Leonhard C, Kim SP, Amin A, Tucci C, Pareek G, Mega A, Golijanin D, Gershman B. Comparative Effectiveness of Chemoradiation Versus Chemotherapy and Radical Cystectomy for Clinically Node-Positive (cN+) Bladder Cancer. AUA 2019
64. Alalao O, Mueller-Leonhard C, Kim SP, Amin A, Tucci C, Pareek G, Mega A, Golijanin D, Gershman B. Node-Positive (cN+) Urothelial Carcinoma of the Bladder Treated with Chemotherapy and Radical Cystectomy: Clinical Outcomes and Development of a Risk Prediction Model. AUA 2019.

## CURRICULUM VITAE

**Ali Amin, M.D.**

### **ABSTRACTS (continued)**

65. Kott O, Linsley D, Amin A, Karagounis A, Golijanin D, Serre T, Gershman B. Automated Histopathologic Diagnosis and Gleason Grading of Prostate Cancer Biopsies with Machine Learning, AUA 2019
66. Golijanin B, Amin A, Moshnikova A, Ohad K, Mueller-Leonhard C, Gershman B, Andreev OA, Reshetnyak YK, Golijanin DJ. pHLIP the Bladder Cancer: Cellular pH Differences Reveal Bladder Cancer. North American Robotic Urologic Symposium; Las Vegas, 2019.
67. Golijanin B, Brito J, Kott O, Moshnikova A, Gershman B, Andreev OA, Reshetnyak YK, Amin A, Golijanin D. Fluorescent Urothelial Carcinomas in the Upper Urinary Tract. North American Robotic Urologic Symposium; Las Vegas, 2019.
68. Golijanin B, Moshnikova A, Engelman DM, Andreev OA, Reshetnyak YK, Amin A, Golijanin D. Ex-vivo targeting of urothelial carcinomas by fluorescent pHLIP imaging agents. American Association of Cancer Research 2019.

### **SCHOLARLY WORK PUBLISHED IN OTHER MEDIA**

1. Brown pathology website case presentations (non-peer reviewed).

### **INVITED PRESENTATIONS**

1. Amin A. Myeloid (granulocytic) sarcoma. Beth Israel Pathologists' Club Meeting, New York, NY, 2008.
2. Amin A. Variants of prostate adenocarcinoma. Loyola University, Chicago, IL, 2011.
3. Amin A. Mimickers of prostate cancer. Rhode Island Society of Pathology (RISP), Providence, RI, November, 2012.
4. Amin A. Prostate adenocarcinoma. Shiraz University of Medical Sciences, Pathology Department, Shiraz, Iran, 2016.
5. Amin A. Renal cell carcinoma. Mount Sinai West, New York, NY, August, 2017.
6. Amin A. Urothelial carcinoma. Mount Sinai West, New York, NY, May, 2018.
7. Amin A. Clinical Application of Immunohistochemistry in Cardiovascular Diseases. IHC Workshop, Shahid Rajaei Cardiovascular, Medical and Research Center, Tehran, Iran, Oct. 4th, 2018.

## CURRICULUM VITAE

**Ali Amin, M.D.**

### GRANTS

1. The Differences Between What is Said and What is Heard: Phrases of Uncertainty in Surgical Pathology Reports  
2014-2015  
PI: Ali Amin M.D.
2. Translational Epidemiology of Bladder Cancer Recurrence and Progression.  
2011-present  
PI: Karl T Kelsey, M.D.

### UNIVERSITY TEACHING ROLES

Mentorship of Carmen Perrino, MD (Assistant Professor of Pathology, Brown University)  
Mentorship of Ethan Dionne (High School Student)  
Male Genitourinary Histology Course, Alpert Medical School of Brown University  
Pfizer basic histology course professor, Alpert Medical School of Brown University  
Genitourinary tract histology lecture, Alpert Medical School of Brown University  
Mentorship of Dr. Hai Wang (Resident, Pathology Department of Brown University, class of 2018)  
Mentorship of Payal Patel (Student, Brown University)  
Research consultant of Aditya Singh and Pratik Thakkar (Student, Brown University)  
Mentorship of Dr. Michael Chaump (Resident, Pathology Department of Brown University, Graduation date 6/30/2014), currently Associate Medical Director at Quest Diagnostics, Wyomissing, PA  
Supervision of Camelia Saffarini (PhD student, Pathology Department of Brown University, Graduation date 6/30/2014)  
Histology small group instructor for medical students, Alpert Medical School of Brown University (15 sessions annually)

### HOSPITAL TEACHING ROLES

Public Mentorship, Ethan Dionne, Fall 2017  
Daily pathology resident and fellow sign out sessions  
Didactic lectures and slide review sessions for pathology residents (4-6 lectures annually)  
Supervision of Pathology Resident monthly conferences and grand rounds (24 conferences annually)  
Supervision of Urology-Pathology conference (10 conferences annually)  
Presentation at weekly Mortality and Morbidity conferences, the Miriam Hospital (three conferences annually)  
Teaching urological histopathology for Rhode Island Hospital School of Medical Technology (a two hour session annually)  
Presentation at weekly Genitourinary, Hematology-Oncology and Breast Tumor Board conferences, the Miriam Hospital (at least 36 times annually)  
Presentation in Pathology Review Series for Internal Medicine, the Miriam Hospital (12 conferences annually)

## CURRICULUM VITAE

**Ali Amin, M.D.**

### **RESIDENT AND FELLOW TRAINEES (2011–Present)**

Liz Edmund (2019)  
Xin He (2019)  
Pallavi Patil (2019)  
Yiang Hui (2018)  
Marcos Lepe (2018)  
Madhu Ouseph (2018)  
Hai Wang (2018)  
Fatima Aldarweesh (2017)  
Zakaria Grada (2017)  
Shivali Marketkar (2017)  
Chaohui Lisa Zhao (2017)  
Nour Almardini (2016)  
Anna Piskorski (2016)  
Michael Punsoni (2016)  
Yun-An Tseng (2016)  
Sonja Chen (2015)  
Chad Ellermeier (2015)  
Kenneth Friedman (2015)  
Elizabeth Kalife (2015)  
Anne Lee (2015)  
Jianhong Li (2015)  
Rashna Meunier (2015)  
Michael Chaump (2014)  
Keyla Kleyser-Sugrue (2014)  
Anthony Snow (2014)  
Shahrzad Ehdaivand Slater (2013)  
Carlos Esteva (2013)  
Ralph Sams (2013)  
Shaolei Lu (2013)  
Andres Matoso (2013)  
Danisha Allen (2013)  
Mohamad Mahboob (2013)  
Hiba Alhumaidan (2012)

CURRICULUM VITAE  
**Ali Amin, M.D.**

Welbiao Cao (2012)

Kamaljeet Singh (2012)

Nick Shillingford (2012)

Ahmad Alduaij (2011)

Jerome Jean-Gilles (2011)

Katherine Sciandra (2011)

Brody Winn (2011)

Ajay Patel (2011)