

CURRICULUM VITAE  
EVGENY YAKIREVICH, M.D., D.Sc.

Revised 05-06-19

Business Address     Department of Pathology, APC12  
Rhode Island Hospital  
Providence, RI, 02903  
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**EDUCATION**

1981-1987             Doctor of Medicine, Vitebsk State Medical University, Vitebsk, Belarus

1992-1997             Doctor of Sciences (D.Sc.) in Medical Sciences (Immunology)  
Technion-Israel Institute of Technology, Faculty of Medicine  
Haifa, Israel

2014                     Master of Arts *ad eundem*, Brown University, Providence, RI

**POSTGRADUATE TRAINING**

1987-1988             Internship in Internal Medicine  
Central Regional Hospital, Hoiniki, Belarus

1997-2002             Resident in Anatomical Pathology  
Department of Pathology, Carmel Medical Center, Haifa, Israel

2004-2008             Resident in Anatomical and Clinical Pathology  
Department of Pathology, Rhode Island Hospital, Providence, RI

2008-2009             Subspecialty training, Gastrointestinal and Liver Pathology  
Department of Pathology, Rhode Island Hospital, Providence, RI

**POSTGRADUATE HONORS AND AWARDS**

1992-1994             Gutwirth Family Prize for Research in Medicine,  
Technion-Israel Institute of Technology

1995-1996             Wolf Foundation Prize for Doctoral Students, Israel  
Dankner Family Prize for Young Scientists,  
Carmel Medical Hospital, Haifa, Israel

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**POSTGRADUATE HONORS AND AWARDS (Continued)**

- |      |   |
|------|---|
| 2006 | Young Investigator Award Winner,<br>14 <sup>th</sup> Annual Rhode Island Hospital Research Celebration,<br>Providence, RI   |
| 2011 | Breast Pathology Award for the Best Research in Clinical Sciences,<br>International Society of Breast Pathology,<br>United States and Canadian Academy of Pathology |
| 2013 | Dean's Excellence in Teaching Award,<br>Warren Alpert Medical School of Brown University  |
| 2014 | Best Teacher in Anatomic Pathology Residents Award,<br>Warren Alpert Medical School of Brown University   |
| 2014 | Jack Canick Translational Research Award,<br>Department of Pathology and Laboratory Medicine,<br>Warren Alpert Medical School of Brown University                   |
| 2015 | Dean's Excellence in Teaching Award<br>Warren Alpert Medical School of Brown University   |
| 2018 | Dean's Excellence in Teaching Award<br>Warren Alpert Medical School of Brown University   |

**PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

- |              |  |
|--------------|--|
| 2008-present | Rhode Island, MD12596  |
| 2008         | Diplomat of the American Board of Pathology<br>(Anatomic and Clinical Pathology) |

**ACADEMIC APPOINTMENTS**

- |           |   |
|-----------|---|
| 1992-1997 | Instructor of Immunology and Hematology,<br>Technion Medical School, Haifa, Israel                            |
| 1998-2004 | Instructor of Pathology,<br>Technion Medical School, Haifa, Israel  |
| 2000-2004 | Lecturer of Pathology,<br>Technion Medical School, Haifa, Israel  |
| 2008-2013 | Assistant Professor of Pathology and Laboratory Medicine,<br>Warren Alpert Medical School of Brown University |

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**ACADEMIC APPOINTMENTS (Continued)**

- 2013-2018 Associate Professor of Pathology and Laboratory Medicine,  
Warren Alpert Medical School of Brown University
- 2019-present Professor of Pathology and Laboratory Medicine,  
Warren Alpert Medical School of Brown University

**HOSPITAL APPOINTMENTS**

- 1988-1991 Deputy Physician-in-Chief for Ambulatory Work,  
Central Regional Hospital, Hoiniki, Belarus
- 2002-2004 Senior Pathologist, Department of Pathology,  
Carmel Medical Center, Haifa, Israel
- 2008-present Attending Pathologist, Department of Pathology,  
Rhode Island Hospital, Providence, RI
- 2009-present Director, Lifespan Tissue Bank, Department of Pathology,  
Rhode Island Hospital and The Miriam Hospital, Providence, RI
- 2011-present Co-Director, Molecular Pathology Core Facility,  
Department of Pathology,  
Rhode Island Hospital, Providence, RI

**OTHER APPOINTMENTS**

- 2002-2004 Consultant Pathologist, Proteologics Ltd., Rehovot, Israel

GRANT REVIEW

- 2013-present Reviewer, Oak Ridge Associated Universities (ORAU),  
Oak Ridge Institute for Science and Education (ORISE)  
Role: invited grant reviewer
- 2016 Reviewer, Patterson Trust Clinical Research Award Program

EDITORIAL BOARDS

- 2011-present Editorial Board ISRN Pathology
- 2013-present Senior Editorial Board of American Journal of Human Pathology

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2014-present            Editorial Board,  
Applied Immunohistochemistry and Molecular Morphology

EDITORIAL BOARDS (Continued)

2015-present            Editorial Board Human Pathology

2016-present            Journal of Modern Human Pathology

AD HOC REVIEWER

2004-present            International Journal of Gynecological Cancer

2008-present            Gynecological Oncology

2008-present            Current Urology

2009-present            BMC Cancer

2009-present            International Journal of Biomedical Science

2009-present            Journal of Experimental & Clinical Cancer Research

2010-present            Applied Immunohistochemistry & Molecular Morphology

2012-present            Cancer Immunology, Immunotherapy

2012-present            Human Pathology

2013-present            International Journal of Experimental Pathology

2014-present            Journal of Oral and Maxillofacial Surgery,  
Medicine and Pathology

2014-present            Gastroenterology and Hepatology

2014-present            Modern Pathology

2015-present            Journal of Histotechnology

2015-present            Histopathology

2015-present            Journal of Pathology

2015-present            Virchows Archiv

2016-present            British Journal of Cancer

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2016-present                      Wolters Kluwer, reviewer for pathology books proposals

2017-present                      Cold Spring Harbor Molecular Case Studies

2019-present                      Research Square

**HOSPITAL COMMITTEES**

2009-present                      Lifespan Tissue Bank Committee

2012-present                      Rhode Island Hospital Institutional Review Board (IRB) Committee

**UNIVERSITY COMMITTEES**

2009-present                      Residency Selection Committee,  
Department of Pathology  
Warren Alpert Medical School of Brown University

2012-2014                        Human Genetics Interest Group  
Warren Alpert Medical School of Brown University

**NATIONAL COMMITTEES**

2011-present                      Gastrointestinal Liaison Committee,  
Radiation Therapy Oncology Group (RTOG)

2011-present                      Pathology Committee,  
Radiation Therapy Oncology Group (RTOG)

2014                                USCAP.ORG Focus Discussion Group

2016                                Scientific Exchange Forum - Lysosomal Acid Lipase Deficiency,  
Pathology Liaison

**MEMBERSHIP IN SOCIETIES**

1996-2000                        American Society for the Study of Reproduction

1997-2004                        Member, Israel Medical Association

1997-2004                        Member, Israel Society of Pathology

1997-2004                        Member, Israeli Society for the Promotion of Research in Medicine

1999-present                      Member, United States and Canadian Academy of Pathology

2004-present                      Member, American Society of Clinical Pathology

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2004-present            Member, College of American Pathologists

**ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1. Adamenko GP, **Iakirevich EN**. Adaptation of autologous mononuclear cells and granulocytes, separated on a ficoll-verografin gradient, for carrying out the leukocyte migration inhibition test. *Lab Delo*. 1988;(9):52-54.
2. Kozin VM, Adamenko GP, Bogdanovich LI, **Iakirevich EV**. The functional properties of interleukins in psoriasis. *Vestn Dermatol Venerol* 1989;(7):61-64.
3. Kozin VM, Adamenko GP, Bogdanovich LI, **Iakirevich EV**. The functional characteristics of the interaction of lymphokine-producing lymphocytes with granulocytes of the peripheral blood and skin in dermatosis patients. *Vestn Dermatol Venerol*. 1990;(3):29-32.
4. **Yakirevich E**, Naot Y. Characterization of a potent sperm-agglutinating monoclonal antibody and its cognate antigens. *Fertil Steril* 1999 Mar;71(3):502-510. PMID: 10065789.
5. Resnick MB, Finkelstein Y, Weissler A, Levy J, **Yakirevich E**. Assessment and diagnostic utility of the cytotoxic T-lymphocyte phenotype using the specific markers granzyme-B and TIA-1 in esophageal mucosal biopsies. *Hum Pathol* 1999 Apr;30(4):397-402. PMID: 10208460.
6. **Yakirevich E**, Ben Izhak O, Rennert G, Kovacs ZG, Resnick MB. Cytotoxic phenotype of tumor infiltrating lymphocytes in medullary carcinoma of the breast. *Mod Pathol* 1999 Nov;12(11):1050-1056. PMID: 10574602.
7. **Yakirevich E**, Naot Y. Cloning of a glucose phosphate isomerase/neuroleukin-like sperm antigen involved in sperm agglutination. *Biol Reprod* 2000 Apr;62(4):1016-1023. PMID: 10727272.
8. **Yakirevich E**, Maroun L, Cohen O, Ben Izhak O, Rennert G, Resnick MB. Apoptosis, proliferation and Fas (APO-1, CD95)/Fas ligand expression in medullary carcinoma of the breast. *J Pathol* 2000 Oct;192(2):166-173. PMID: 11004692.
9. **Yakirevich E**, Yanai O, Sova Y, Sabo E, Stein A, Hiss J and Resnick MB. Cytotoxic phenotype of intra-epithelial lymphocytes in normal and cryptorchid human testicular excurrent ducts. *Hum Reprod* 2002 Feb;17(2):275-283. PMID: 11821263.
10. Sukhotnik I, Shiloni E, Krausz MM, **Yakirevich E**, Sabo E, Mogilner J, Coran AG, Harmon CM. Low-fat diet impairs postresection intestinal adaptation in a rat model of short bowel syndrome. *J Pediatr Surg* 2003 Aug;38(8):1182-1187. PMID: 12891489.
11. Sukhotnik I, **Yakirevich E**, Coran AG, Siplovich L, Krausz M, Sabo E, Kramer A, Shiloni E. Lipopolysaccharide endotoxemia reduces cell proliferation and decreases enterocyte apoptosis during intestinal adaptation in a rat model of short-bowel syndrome. *Pediatr Surg Int* 2002 Oct;18(7):615-619. Epub 2002 Sep 26. PMID: 12471477.

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12. Sukhotnik I, **Yakirevich E**, Coran AG, Siplovich L, Krausz M, Hirsh M, Sabo E, Shiloni E. Effect of transforming growth factor- $\alpha$  on intestinal adaptation in a rat model of short bowel syndrome. *J Surg Res* 2002 Dec;108(2):235-242. PMID: 12505047.

**ORIGINAL PUBLICATIONS (Continued)**

13. **Yakirevich E**, Lefel O, Sova Y, Stein A, Cohen O, Ben-Izhak O, Resnick MB. Activated status of tumour-infiltrating lymphocytes and apoptosis in testicular seminoma. *J Pathol* 2002 Jan;196(1):67-75. PMID: 11748644.
14. Resnick MB, Sabo E, Kondratev S, Kerner H, Spagnoli GC, **Yakirevich E**. Cancer-testis antigen expression in uterine malignancies with an emphasis on carcinosarcomas and papillary serous carcinomas. *Int J Cancer* 2002 Sep 10;101(2):190-195. PMID: 12209997.
15. **Yakirevich E**, Sabo E, Dirnfeld M, Sova Y, Spagnoli GC, Resnick MB. Morphometrical quantification of spermatogonial germ cells with the 57B anti-MAGE-A4 antibody in the evaluation of testicular biopsies for azoospermia. *Appl Immunohistochem Mol Morphol* 2003 Mar;11(1):37-44. PMID: 12610355.
16. **Yakirevich E**, Sabo E, Lavie O, Mazareb S, Spagnoli GC, Resnick MB. Expression of the MAGE-A4 and NY-ESO-1 cancer-testis antigens in serous ovarian neoplasms. *Clin Cancer Res* 2003 Dec 15;9(17):6453-6460. PMID: 14695148.
17. Kondratiev S, Sabo E, **Yakirevich E**, Lavie O, Resnick MB. Intratumoral CD8+ T lymphocytes as a prognostic factor of survival in endometrial carcinoma. *Clin Cancer Res* 2004 Jul 1;10(13):4450-4456. PMID: 15240536.
18. **Yakirevich E**, Sova Y, Drumea K, Bergman I, Quitt M, Resnick MB. Peripheral lymphadenopathy as an initial manifestation of pericardial mesothelioma: a case report. *Int J Surg Pathol* 2004 Oct;12(4):403-405. PMID: 15494868.
19. Rosenbaum-Dekel Y, Fuchs A, **Yakirevich E**, Azriel A, Mazareb S, Resnick MB, Levi BZ. Nuclear localization of long-VEGF is associated with hypoxia and tumor angiogenesis. *Biochem Biophys Res Commun* 2005 Jun 24;332(1):271-8. PMID: 15896327.
20. **Yakirevich E**, Sabo E, Naroditsky I, Sova Y, Lavie O, Resnick MB. Multidrug resistance-related phenotype and apoptosis-related protein expression in ovarian serous carcinomas. *Gynecol Oncol* 2006 Jan;100(1):152-159. Epub 2005 Sep 29. PMID: 16198399.
21. Alchanati I, Nallar SC, Sun P, Gao L, Hu J, Stein A, **Yakirevich E**, Konforty D, Alroy I, Zhao X, Reddy SP, Resnick MB, Kalvakolanu DV. A proteomic analysis reveals the loss of expression of the cell death regulatory gene GRIM-19 in human renal cell carcinomas. *Oncogene* 2006 Nov 16;25(54):7138-7147. Epub 2006 May 29. PMID: 16732315.
22. **Yakirevich E**, Jackson CL, Meitner PA, MacKenzie D, Tavares R, Robinson-Bostom L, Delellis RA, Resnick MB. Analysis of T-Cell clonality using laser capture microdissection and high-resolution microcapillary electrophoresis. *J Mol Diagn* 2007 Sep;9(4):490-497. Epub 2007 Jul 9. PMID: 17620388.

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23. Keynan Y, **Yakirevitch E**, Shusterman T, Alter-Migdal E, Avidor B, Weber G, Giladi M. Bone marrow and skin granulomatosis in a patient with Bartonella infection. *J Med Microbiol.* 2007; 56:133-135.

**ORIGINAL PUBLICATIONS (Continued)**

24. Kondratiev S, Gnepp DR, **Yakirevich E**, Sabo E, Annino DJ, Rebeiz E, Laver NV. Expression and prognostic role of MMP2, MMP9, MMP13, and MMP14 matrix metalloproteinases in sinonasal and oral malignant melanomas. *Hum Pathol* 2008 Mar;39(3):337-343. Epub 2007 Nov 28. PMID: 18045645.
25. **Yakirevich E**, Morris DJ, Tavares R, Meitner PA, Lechpammer M, Noble L, de Rodriguez AF, Gomez-Sanchez CE, Wang LJ, Sabo E, DeLellis RA, Resnick MB. Mineralocorticoid receptor and 11beta-hydroxysteroid dehydrogenase type II expression in renal cell neoplasms: A tissue microarray and quantitative RT-PCR study. *Am J Surg Pathol* 2008 Jun;32(6):874-883. doi: 10.1097/ PAS.0b013e 31815f2362. PMID: 18408592.
26. Lechpammer M, Resnick MB, Sabo E, **Yakirevich E**, Greaves WO, Sciandra KT, Tavares R, Noble LC, DeLellis RA, Wang LJ. The diagnostic and prognostic utility of claudin expression in renal cell neoplasms. *Mod Pathol.* 2008 Nov;21 (11):1320-9. doi: 10.1038/modpathol.2008.116. Epub 2008 Jun 27. Erratum in: *Mod Pathol.* 2009 Feb;22(2):321. PMID: 18587324.
27. **Yakirevich E**, Sabo E, Klorin G, Alos L, Cardesa A, Ellis GL, Shumway BS, Gnepp DR. Primary mucin producing tumors of the salivary glands: a clinicopathological and morphometric study. *Histopathology.* 2010 Sep;57(3):395-409. doi: 10.1111/j.1365-2559.2010.03639.x. Epub 2010 Aug 25. PMID: 20738418.
28. **Yakirevich E**, Matoso A, Sabo E, Wang LJ, Tavares R, Meitner P, Morris DJ, Pareek G, DeLellis RA, Resnick MB. Expression of the glucocorticoid receptor in renal cell neoplasms: an immunohistochemical and quantitative reverse transcriptase polymerase chain reaction study. *Hum Pathol* 2011 Nov;42(11):1684-1692. doi: 10.1016/ j.humpath.2011.01.014. Epub 2011 Apr 29. PMID: 21531004.
29. Wang LJ, Matoso A, Sciandra KT, **Yakirevich E**, Sabo E, Zhang Y, Meitner PA, Tavares R, Noble L; Pareek G, DeLellis RA, Resnick MB. Expression of S100A4 in renal epithelial neoplasms. *Appl Immunohistochem Mol Morphol* 2012 Jan;20(1):71-76. doi: 10.1097/PAI.0b013e31821fc8b7. PMID: 21691200.
30. **Yakirevich E**, Samkari A, Holloway MP, Lu S, Singh K, Yu J, Fenton MA, Altura RA. Total survivin and acetylated survivin correlate with distinct molecular subtypes of breast cancer. *Hum Pathol* 2012 Jun;43(6):865-873. doi: 10.1016/ j.humpath.2011.07.014. Epub 2011 Nov 4. PMID: 22055399.
31. Riolo MT, Cooper ZA, Holloway MP, Cheng Y, Bianchi C, **Yakirevich E**, Ma L, Chin YE, Altura RA. Histone deacetylase 6 (HDAC6) deacetylates survivin for its nuclear export in breast cancer. *J Biol Chem* 2012 Mar 30;287(14):10885-93. doi: 10.1074/ jbc.M111.308791. Epub 2012 Feb 9. PMID: 22334690.
32. Tian W, **Yakirevich E**, Matoso A, Gnepp DR. IgG4(+) plasma cells in sclerosing variant



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of mucoepidermoid carcinoma. *Am J Surg Pathol* 2012 Jul;36(7):973-979. doi: 10.1097/PAS.0b013e318258f018. PMID: 22743285.

**ORIGINAL PUBLICATIONS (Continued)**

33. Lu S, Singh K, Mangray S, Tavares R, Noble L, MB Resnick, **E Yakirevich**. Claudin expression in high-grade invasive ductal carcinoma of the breast: correlation with the molecular subtype. *Mod Pathol* 2013 Apr;26(4):485-495. doi: 10.1038/modpathol.2012.187. Epub 2012 Dec 7. PMID: 23222490.
34. Perez K, Walsh R, Brilliant K, Noble L, **Yakirevich E**, Breese V, Jackson C, Chatterjee D, Pricolo V, Roth L, Shah N, Cataldo T, Safran H, Hixson D, Quesenberry P. Heterogeneity of colorectal cancer (CRC) in reference to KRAS proto-oncogene utilizing WAVE technology. *Exp Mol Pathol* 2013 Aug;95(1):74-82. doi: 10.1016/j.yexmp.2013.01.004. Epub 2013 Mar 22. PMID: 23528430.
35. Taliano RJ, Lu S, Singh K, Mangray S, Tavares R, Noble L, Resnick MB, **Yakirevich E**. Calretinin expression in high-grade invasive ductal carcinoma of the breast is associated with basal-like subtype and unfavorable prognosis. *Hum Pathol* 2013 Dec;44(12):2743-2750. doi: 10.1016/j.humpath.2013.07.021. PMID: 24262018.
36. Dugdale C, Chow B, **Yakirevich E**, Kojic E, Knoll B. Prolonged pyrexia and hepatitis: Q fever. *Am J Med* 2014 Oct;127(10):928-930. doi: 10.1016/j.amjmed.2014.06.003. Epub 2014 Jun 12. PMID: 24929020.
37. Gill AJ, Hes O, Papathomas T, Šedivcová M, Tan PH, Agaimy A, Andresen PA, Kedziora A, Clarkson A, Toon CW, Sioson L, Watson N, Chou A, Paik J, Clifton-Bligh RJ, Robinson BG, Benn DE, Hills K, Maclean F, Niemeijer ND, Vlatkovic L, Hartmann A, Corssmit EP, van Leenders GJ, Przybycin C, McKenney JK, Magi-Galluzzi C, Yilmaz A, Yu D, Nicoll KD, Yong JL, Sibony M, **Yakirevich E**, Fleming S, Chow CW, Miettinen M, Michal M, Trpkov K. Succinate dehydrogenase (SDH)-deficient renal carcinoma – a morphologically distinct entity: a clinicopathologic series of 36 tumors from 27 patients. *Am J Surg Pathol* 2014 Dec;38(12):1588-1602. doi: 10.1097/PAS.0000000000000292. PMID: 25025441. *This study is the result of multinational consortium including surgical pathologists from 4 continents that provides definitive description of SDH deficient renal carcinoma as a distinct novel entity.*
38. Snow AN, Mangray S, Lu S, Clubwala R, Li J, Resnick MB, **Yakirevich E**. Expression of cadherin 17 in well-differentiated neuroendocrine tumours. *Histopathology*. 2015 Jun;66(7):1010-1021. doi: 10.1111/his.12610. Epub 2015 Jan 13. PMID: 25388236.
39. **Yakirevich E**, Magi-Galluzzi C, Grada Z, Lu S, Resnick MB, Mangray S. Cadherin 17 is a sensitive and specific marker for metanephric adenoma. *Am J Surg Pathol* 2015 Apr;39(4):479-486. doi: 10.1097/PAS.0000000000000401. PMID: 25768256.
40. **Yakirevich E**, Ali SM, Mega A, McMahon C, Brodsky AS, Ross JS, Allen J, Elvin JA, Safran H, Resnick MB. A novel SDHA-deficient renal cell carcinoma revealed by comprehensive genomic profiling. *Am J Surg Pathol*. 2015 Jun;39(6):858-863. doi: 10.1097/PAS.0000000000000403. PMID: 25724004. *Discovered a novel succinate dehydrogenase A-*

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*deficient renal carcinoma.*

**ORIGINAL PUBLICATIONS (Continued)**

41. **Yakirevich E**, Henriksen KJ, Miner T, Resnick MB. Mucinous cystic neoplasm of the pancreas with increased IgG4+ plasma cells and histopathologic features of autoimmune pancreatitis/IgG4-related disease. *Pancreas* 2015 May;44(4):674-676. doi: 10.1097/MPA.000000000000296. PMID: 25872133.
42. Pal SK, Choueiri TK, Wang K, Khaira D, Karam JA, Van Allen E, Palma NA, Stein MN, Johnson A, Squillace R, Elvin JA, Chmielecki J, Yelensky R, **Yakirevich E**, Lipson D, Lin DI, Miller VA, Stephens PJ, Ali SM, Ross JS. Characterization of clinical cases of collecting duct carcinoma of the kidney assessed by comprehensive genomic profiling. *Eur Urol*. 2016 Sep;70(3):516-521. doi: 10.1016/j.eururo.2015.06.019. Epub 2015 Jul 3. PMID: 2614966.
43. Mangray S, Breese V, Jackson CL, Lombardo K, Taliano R, Resnick M, **Yakirevich E**. Application of BRAF V600E mutation analysis for the diagnosis of metanephric adenofibroma. *Am J Surg Pathol*. 2015 Sep;39(9):1301-1304. doi: 10.1097/PAS.0000000000000501. PMID: 26274032.
44. Ozluk Y, Taheri D, Matoso A, Sanli O, Berker NK, **Yakirevich E**, Balasubramanian S, Ross JS, Ali SM, Netto GJ. Renal carcinoma associated with a novel succinate dehydrogenase A mutation: a case report and review of literature of a rare subtype of renal carcinoma. *Hum Pathol* 2015 Dec;46(12):1951-1955. doi: 10.1016/j.humpath.2015.07.027. Epub 2015 Sep 5. Review. PMID: 26476567.
45. Ravishankar S, Mangray S, Kurkchubasche A, **Yakirevich E**, Young RH. Unusual Sertoli cell tumor associated with sex cord tumor with annular tubules in Peutz-Jeghers syndrome: report of a case and review of the literature on ovarian tumors in Peutz-Jeghers syndrome. *Int J Surg Pathol* 2016 May;24(3):269-273. doi: 10.1177/1066896915620663. Epub 2015 Nov 29. PMID: 26621753.
46. Ouseph MM, Simons M, Treaba D, **Yakirevich E**, Moss SF, Mangray S. Fatal Streptococcus pneumoniae sepsis in a patient with celiac disease associated hyposplenism. A call to action. *ACG Case Rep J*. 2016 Oct 12;3(4):e140. eCollection 2016 Aug. doi: 10.14309/crj.2016.113 PMID: 27761478.
47. **Yakirevich E**, Resnick MB, Mangray S, Wheeler M, Jackson CL, Lombardo KA, Lee J, Kim KM, Gill AJ, Wang K, Gowen K, Sun J, Miller VA, Stephens PJ, Ali SM, Ross JS, Safran H. Oncogenic ALK fusion in rare and aggressive subtype of colorectal adenocarcinoma as a potential therapeutic target. *Clin Cancer Res*. 2016 Aug 1;22(15):3831-3840. doi: 10.1158/1078-0432.CCR-15-3000. Epub 2016 Mar 1. PMID: 26933125.
48. Udager AM, McHugh JB, Betz BL, Montone KT, Livolsi VA, Seethala RR, **Yakirevich E**, Iwenofu OH, Perez-Ordóñez B, DuRoss KE, Weigelin HC, Lim MS, Elenitoba-Johnson KS, Brown NA. Activating KRAS mutations are characteristic of oncocytic sinonasal papilloma and associated sinonasal squamous cell carcinoma. *J Pathol*. 2016

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Aug;239(4):394-398. doi: 10.1002/path.4750. Epub 2016 Jul 1. PMID: 27234382.

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**ORIGINAL PUBLICATIONS (Continued)**

49. Mangray S, Somers GR, He J, Zhong S, Shago M, Treaba DO, Lombardo KA, Ali SM, **Yakirevich E**. Primary undifferentiated sarcoma of the kidney harboring a novel variant of CIC-DUX4 gene fusion. *Am J Surg Pathol*. 2016 Sep;40(9):1298-1301. doi: 10.1097/PAS.0000000000000688. PMID: 27340751.
50. Wang Y, Resnick MB, Lu S, Hui Y, Brodsky AS, Yang D, **Yakirevich E**, Wang L. Collagen type III  $\alpha 1$  as a useful diagnostic immunohistochemical marker for fibro-epithelial lesions of the breast. *Hum Pathol*. 2016 Nov;57:176-181. doi: 10.1016/j.humpath.2016.07.017. Epub 2016 Aug 3. PMID: 27498063.
51. Wang Y, Lu S, Graves T, Ouseph M, Resnick MB, **Yakirevich E**. Can sentinel lymph node biopsy be spared in papillary carcinoma of the breast? *Clin Breast Cancer*. 2017 Apr;17(2):127-133. doi: 10.1016/j.clbc.2016.08.009. Epub 2016 Sep 8. PMID: 27692774.
52. Punsoni M, Mangray S, Lombardo KA, Heath N, Stopa EG, **Yakirevich E**. Succinate dehydrogenase B (SDHB) immunohistochemistry for the evaluation of muscle biopsies. *Appl Immunohistochem Mol Morphol*. 2017 Oct;25(9):645-650. doi: 10.1097/PAI.0000000000000432. PMID: 27556822.
53. Panderi I, **Yakirevich E**, Papagerakis S, Noble L, Lombardo K, Pantazatos D. Differentiating tumor heterogeneity in formalin-fixed paraffin-embedded (FFPE) prostate adenocarcinoma tissues using principal component analysis of matrix-assisted laser desorption/ionization imaging mass spectral data. *Rapid Commun Mass Spectrom*. 2017 Jan 30;31(2):160-170. doi: 10.1002/rcm.7776. PMID: 27791282.
54. Lai AZ, Schrock AB, Erlich RL, Ross JS, Miller VA, **Yakirevich E**, Ali SM, Braiteh F. Detection of an ALK fusion in colorectal carcinoma by hybrid capture-based assay of circulating tumor DNA. *Oncologist*. 2017 Jul;22(7):774-779. doi: 10.1634/theoncologist.2016-0376. Epub 2017 May 15. PMID: 28507204.
55. **Yakirevich E**, Lu S, Allen D, Mangray S, Fanion JR, Lombardo KA, Safran H, Resnick MB. Prognostic significance of IgG4+ plasma cell infiltrates following neoadjuvant chemoradiation therapy for esophageal adenocarcinoma. *Hum Pathol*. 2017 Aug;66: 126-135. doi: 10.1016/j.humpath.2017.06.009. Epub 2017 Jun 28. PMID: 28666927.
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62. Zhao CL, Wang L, **Yakirevich E**, Resnick MB, Lu S. The diagnostic utility of TCTE3 as a novel immunohistochemical marker for pancreatobiliary tumors. Annual Meeting of the United States and Canadian Academy of Pathology, Seattle, WA, 2016.
63. Udager A, Seethala RR, **Yakirevich E**, McHugh J, Betz B, Lim MS, Elenitoba-Johnson KEJ, Brown N. Activating KRAS mutations are characteristic of oncocytic sinonasal papilloma and associated sinonasal squamous cell carcinoma. Annual Meeting of the United States and Canadian Academy of Pathology, Seattle, WA, 2016.
64. Zhao CL, **Yakirevich E**, Lombardo KA, Gnepp DR, Wang Y. The utility of GATA3, GCDFP-15, mammaglobin, SOX10, and ER in differential diagnosis of salivary tumors. Annual Meeting of the United States and Canadian Academy of Pathology, Seattle, WA, 2016.

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**CONFERENCE PROCEEDINGS (Continued)**

65. Elvin JA, Sanford EM, Chalmers Z, Frampton G, Santin AD, Vergilio JA, Suh J, Gay L, Hall M, **Yakirevich E**, Brodsky A, Ali SM, Miller VA, Stephens PJ, Ross JS, Sun J. Evaluation of microsatellite instability (MSI) status in endometrial adenocarcinoma by comprehensive genomic profiling (CGP) identifies subset that may benefit from immunotherapy. Annual Meeting of the United States and Canadian Academy of Pathology, Seattle, WA, 2016.
66. Lakis N, Matoso A, Mangray S, Resnick MB, **Yakirevich E**. Expression of the Glucocorticoid receptor in prostatic adenocarcinoma: an immunohistochemical and clinicopathologic study. Annual Meeting of the United States and Canadian Academy of Pathology, Seattle, WA, 2016.
67. Punsoni M, Lombardo KA, Mangray S, Stopa EG, **Yakirevich E**. Succinate Dehydrogenase B (SDHB) Immunohistochemistry is an effective alternative to SDH histochemistry in the evaluation of muscle biopsies. Annual Meeting of the United States and Canadian Academy of Pathology, Seattle, WA, 2016.
68. **Yakirevich E**, Ali SM, Mangray S, Wheeler M, Lombardo KA, Kim KM, Gill AJ, Wang K, Gowen K, Ross JS, Safran H, Resnick MB. Colorectal adenocarcinoma with ALK rearrangement: clinicopathologic and molecular characteristics. Annual Meeting of the United States and Canadian Academy of Pathology, Seattle, WA, 2016.
69. Ouseph M, Lu S, Mangray S, Brodsky A, Sun J, Ali SM, Ross JS, Resnick MB, **Yakirevich E**. Comprehensive genomic profiling of advanced stage colorectal carcinoma reveals alterations in epigenetic regulators. Annual Meeting of the United States & Canadian Academy of Pathology, Seattle, WA, 2016.
70. **Yakirevich E**, Hui Y, Lombardo KA, Treaba D. Expression of PAX8 in metastatic melanoma. Annual Meeting of the United States and Canadian Academy of Pathology, San-Antonio, TX, 2017.
71. Matoso A, Wang LJ, Mangray S, Lombardo KA, Resnick MB, **Yakirevich E**. Histopathologic and immunohistochemical findings in orchiectomy specimens of patients undergoing gender reassignment surgery. Annual Meeting of the United States and Canadian academy of Pathology, San-Antonio, TX, 2017.
72. Shillingford N, Hart J, Zhong S, Wills H, Bhuta R, Bridge JA, Patel NR, Ali SM, **Yakirevich E**, Mangray S. Complex MCM9-ROS1 and AIG1-ROS1 fusions identified by comprehensive genomic profiling in gastric inflammatory myofibroblastic tumor that was negative for ROS1 fusion by FISH. XXXI Congreso Latinoamericano de Patologia, SLAP, Cartagena, Colombia, 2017.

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EVGENY YAKIREVICH, M.D., D.Sc.

**CONFERENCE PROCEEDINGS (Continued)**

73. George B, Greenbowe J, Hendifar AE, Golan T, Javle MM, Maitra A, Bahary N, **Yakirevich E**, Ritch PS, Thomas JP, Schrock AB, Miller VA, Stephens PJ, Ross JS, Ali SM, Singhi A. Comprehensive genomic profiling (CGP) in KRAS wild-type (WT) pancreatic ductal adenocarcinoma (PDAC). Gastrointestinal Cancer Symposium, San Francisco, CA, 2018.
74. Lombardo KA, Lu S, Somers GR, Shago M, **Yakirevich E**, Matoso A, Chen S, Mangray S, Shillingford N. Comparison of PAX7 and NKX2.2 immunohistochemical expression in Ewing sarcomas versus *CIC*-rearranged sarcomas. Annual Meeting of Society for Pediatric Pathology Vancouver, BC, Canada, 2018.
75. Mangray S, Kelly D, Le Guellec S, Fridman E, Shago M, Matoso A, Li R, Lombardo KA, Coindre JM, Ali S, Somers GR, **Yakirevich E**. Clinical, morphologic, immunohistochemical and molecular features of a series of primary renal *CIC*-rearranged sarcomas. Annual Meeting of the United States and Canadian Academy of Pathology, Vancouver, BC, Canada, 2018.
76. Edmund L, Patel NR, Uzun E, Lombardo KA, **Yakirevich E**, Mangray S, Aswad B. STAT6 expression in adenofibroma of the lung supports classification as intrapulmonary solitary fibrous tumor. Annual Meeting of the United States and Canadian Academy of Pathology, Vancouver, BC, Canada, 2018.
77. Patil PA, Lombardo KA, Sturtevant A, Mangray S, **Yakirevich E**. Loss of expression of a novel chromatin remodeler *SMARCA1* in soft tissue sarcoma. Annual Meeting of the United States and Canadian Academy of Pathology, Vancouver, BC, Canada, 2018.
78. Ouseph M, Lu S, Mangray S, Gowen K, Sun J, Shrock AB, Ross JS, Ali SM, Brodsky AS, Resnick MB, **Yakirevich E**. Microsatellite stable colorectal cancer harboring mutations in epigenetic modifiers is associated with increased tumor infiltrating lymphocytes and mucinous features. Annual Meeting of the United States and Canadian Academy of Pathology, Vancouver, BC, Canada, 2018.
79. **Yakirevich E**, Fridman E, Mangray S, Lombardo KA, Madison R, Cooke M, Webster J, Ross JS, Ali SM. Comprehensive genomic profiling of adult renal sarcomas provides insight into disease biology and opportunities for targeted therapies. Annual Meeting of the United States and Canadian Academy of Pathology, Vancouver, BC, Canada, 2018.
80. Madison R, Pietrantonio F, Juckett L, Cremolini C, Chung JH, , Miller VM, Klempner S, Resnick M, **Yakirevich, E**, Ou, SHI, Schrock AB, Ross JS, Ali SM. Kinase Fusions in Colorectal Cancers: A Unique Biologic Subset. ESMO 2018 Congress, Munich, Germany.
22. Chen S, **Yakirevich E**, Ross AM, Matoso A, Lombardo KA Lu S, Mangray S. Clinicopathologic and molecular investigation of necrotizing granulomas in Crohn's disease. Annual Meeting of the United States and Canadian Academy of Pathology, National Harbor, MD March 16-21, 2019.



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**SCHOLARLY WORK PUBLISHED IN OTHER MEDIA (PEER-REVIEWED)**

1. Gen Bank Submission bankit 293354, Naot Y, **Yakirevich E.** Homo sapiens sperm antigen-36 (SA-36) mRNA, complete CDs, 2000.

**THESIS**

1. D.Sc. Thesis: Sperm antigens eliciting antibodies involved in human reproductive failures. Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel, 1997.

**INVITED PRESENTATIONS**

1. Tumor infiltrating lymphocytes: friends or foes. Department of Pathology, Rhode Island Hospital, 2007.
2. Renal cell neoplasms: an immunohistochemical and molecular approach to the diagnosis. National Society for Histotechnology, Region I Histology Conference, Newport, RI, 2009.
3. Normal and reactive lymph nodes. American Society for Clinical Laboratory Science-Central New England (ASCLS-CNE). 63<sup>rd</sup> Annual Clinical Laboratory Science Convention, Providence, RI, 2011.
4. HPV in colorectal carcinogenesis. GI Committee Liaison Meeting, Radiation Therapy Oncology Group (RTOG), Philadelphia, 2011.
5. HER2 in esophageal cancer. GI Committee Liaison Meeting, Radiation Therapy Oncology Group (RTOG), Atlanta, 2012.
6. Anatomic and clinical pathology of autoimmune diseases. Rhode Island Society of Histotechnology Annual Conference, Providence, RI, 2015.
7. Anatomic and clinical pathology of connective tissue diseases. Kent Hospital, Warwick, RI, 2015.
8. Succinate dehydrogenase-deficient tumors. Rambam Medical Center and the Technion Medical School, Haifa, Israel, 2015.
9. Kidney tumors: old and new. Slide seminar. Rambam Medical Center and the Technion Medical School, Haifa, Israel, 2015.
10. Succinate dehydrogenase-deficient tumors. Meir Medical Center, Kefar Saba and the Sackler School of Medicine, Tel-Aviv University, Israel, 2015.
11. Kidney tumors: old and new. Slide seminar. Meir Medical Center, Kefar Saba, and the Sackler School of Medicine, Tel-Aviv University, Israel, 2015.

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**INVITED PRESENTATIONS (Continued)**

12. Telepathology in routine and consultant service. Laboratory of Early Detection and Experimental Medicine (LEM lab), Nes-Ziona, Israel, 2015.
13. Succinate dehydrogenase deficient tumors: diagnostic advances and clinical implications. Grand Rounds, Department of Pathology, Rhode Island Hospital, 2016.
14. Genomic alterations in Krebs cycle and mitochondrial driven neoplasia. Foundation Medicine, Cambridge, MA, 2016.
15. WHO classification of renal cell neoplasms. Third FOIU Urological Symposium, Tel-Aviv, Israel, 2016.
16. The 2016 WHO classification of kidney tumors. Sheba Medical Center affiliated to the Tel-Aviv University Sackler School of Medicine, Tel-Hashomer, Israel 2016.
17. New entities in 2016 WHO classification of kidney tumors. Slide seminar. Sheba Medical Center affiliated to the Tel-Aviv University Sackler School of Medicine, Tel-Hashomer, Israel 2016.
18. A 2017 update on kidney tumors. Rambam Medical Center and the Technion Medical School, Haifa, Israel, March 2017.
19. New kidney tumors in 2016 WHO classification. Slide seminar. Rambam Medical Center and the Technion Medical School, Haifa, Israel, March 2017.
20. Tyrosine kinase inhibitors in ALK-rearranged lung cancer and beyond: resisting resistance. Department of Pharmacology, University of Athens, Greece, June 2017.
21. Look at soft tissue tumors form molecular biology. XXXI Congreso Latinoamericano de Patologia, SLAP, Cartagena, Colombia, August 2017.
22. ALK-rearranged cancer: molecular diagnostics and treatment challenges. Grand Rounds, Department of Pathology, Rhode Island Hospital, 2017.
23. Tyrosine kinase inhibitors in ALK-rearranged lung cancer and beyond: resisting resistance. Lifespan Cancer Institute, Rhode Island Hospital, 2017.
24. Kidney tumors in a new age: histology meets molecular pathology. 82<sup>nd</sup> University of the West Indies Conference, Bridgetown, Barbados, 2017.
25. ALK-driven tumors of the digestive tract. Department of Pathology, Johns Hopkins Hospital, Baltimore, MA, 2017.
26. Molecular pathology of renal cell carcinoma. 4<sup>th</sup> FOIU Urological Symposium, Tel-Aviv, Israel, 2018.
27. Hereditary renal cell carcinoma. 4<sup>th</sup> FOIU Urological Symposium, Tel-Aviv, Israel, 2018.

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**INVITED PRESENTATIONS (Continued)**

28. Positive surgical margin in partial nephrectomy specimen. 4<sup>th</sup> FOIU Urological Symposium, Tel-Aviv, Israel, 2018.

**GRANTS**

1. Expression of Fas/Fas-Ligand in the Normal and Neoplastic Breast  
Israel Cancer Society  
2000-2001, \$15,000  
Role: Co-Investigator
2. Expression of Neuroleukin-Like Sperm Antigen During Spermatogenesis  
Ministry of Health/Technion/Carmel Hospital  
1999-2000, \$5,000  
Role: Principal Investigator
3. Expression of Glucocorticoid Receptors in Renal Cell Carcinoma: Implication for Tumor Proliferation, Death and Angiogenesis  
The Rhode Island Foundation  
2009-2010, \$15,000  
Role: Principal Investigator
4. Polymorphic Variant at Survivin 129 is a Novel Biomarker for Breast Cancer  
National Center for Excellence in Women's Health Award. Brown University and Women and Infant's Hospital.  
2010-2011, \$20,000  
Role: Co-Investigator
5. Molecular Characterization of CK5/6 Positive Cells in Breast Carcinoma  
Department of Pathology and Laboratory Medicine, Brown Medical School, Seed Funds  
2010-2011, \$8,000  
Role: Principal Investigator
6. Expression of Stem Cell Markers and Multidrug Resistance Proteins in Breast Carcinoma with Emphasis on Basal-Like Subtype  
Department of Pathology and Laboratory Medicine, Brown Medical School, Seed Funds  
2010-2011, \$8,000  
Role: Principal Investigator
7. A Phase III Trial Evaluating the Addition of Trastuzumab to Trimodality Treatment of Her2-Overexpressing Esophageal Adenocarcinoma  
Radiation Therapy Oncology Group  
National Institutes of Health/NCI-DHHS BIQSFP  
01/01/2011-12/31/14  
\$857,278 (Direct cost)  
Role: Pathologist

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**GRANTS (Continued)**

8. PRMT5 Expression in Hematologic Malignancies and Solid Tumors  
Merck & Company  
09/01/2017-08/31/2018  
The role of this study is to evaluate expression of PRMT5 and SDMA in normal and neoplastic tissue and correlate with clinicopathologic parameters.  
Role: Principal Investigator
  
9. Center for Cancer Research Development (COBRE) – Molecular Pathology  
Core1P30GM110759-01A1 Ramratnam (PI)  
(previously under P20RR017695; P20GM1013421)  
National Institutes of Health; National Institute of General Medical Sciences (previously  
National Center for Research Resources)  
09/30/2002-04/20/2020  
Our role is to serve as the molecular pathology core facility to facilitate research in the translational aspects of gastrointestinal tumor biology.  
Role: Co-Investigator

**UNIVERSITY TEACHING ROLES**

1992-1997	Instructor, Immunology and Hematology, Technion Medical School, Israel
1998-2002	Instructor, Pathology of Systems, Technion Medical School, Israel
2000-2004	Lecturer, Pathology for Laboratory Medicine Course, Technion Medical School, Israel
2002-2004	Lecturer, Pathology of Systems, Technion Medical School, Haifa, Israel
2009-present	Lecturer, Anatomic and clinical pathology of autoimmune diseases, The Warren Alpert Medical School of Brown University Med Ed- BIOL3665
2009-2012	Lecturer, Neoplasia, The Department of Epidemiology, Brown School of Public Health, Brown University, Human Biology for Epidemiology Course PHP2130
2009-2016	Instructor in small group histology labs, The Warren Alpert Medical School of Brown University (12 students) MedEd BIOL3643
2010-2016	Pathology of the Kidney (glomerular diseases, tumors of the kidney and bladder), The Warren Alpert Medical School of Brown University MedEd- BIOL3664

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UNIVERSITY TEACHING ROLES (Continued)

- 2011-present      Liver Pathobiology Lecture Series,  
The Warren Alpert Medical School of Brown University MedEd-  
BIOL3673
- 2014-2016        Instructor in Small Group Pathology Labs.,  
The Warren Alpert Medical School of Brown University (12 students)  
MedEd-BIOL3645, MedEd-BIOL3662, MedEd-BIOL3663
- 2016-present     Renal Pathology, Course Director,  
The Warren Alpert Medical School of Brown University MedEd-  
BIOL3664

**HOSPITAL TEACHING ROLES**

- 2008-present     Pathology Residents and Surgical Pathology and Gastrointestinal  
Pathology Fellows, Rhode Island Hospital,  
approximately 250 hours of direct microscopy training sessions each year.
- 2008-present     Pathology Research Conferences, Gastrointestinal pathology, Proteomics  
and Genomics in GI Pathology
- 2008-present     Joint Oncology Teaching Conference and Tumor Board  
Educational programs for residents in surgery, internal medicine, and  
radiology, and fellows in surgical oncology, medical oncology, and  
radiation therapy.
- 2008-present     Educational conferences and one-on-one teaching for Gastrointestinal and  
Liver Pathology Fellows
- 2008-present     Pathology Residents, Rhode Island Hospital, approx. five one-hour  
teaching sessions per year (12 residents)  
Review of gastrointestinal specimens grossing, neoplasia, non-neoplastic  
and neoplastic diseases of esophagus, tumors of kidneys and urinary  
bladder, pathology of autoimmune diseases, reactive lymph nodes
- 2009-present     Tissue banking educational programs for pathology residents, fellows,  
molecular pathology core personnel and COBRE Center for Cancer  
Research and Development at Rhode Island Hospital
- 2010-present     Breast Pathology Teaching Conference and Tumor Board, Rhode Island  
Hospital  
Educational programs for residents in surgery, internal medicine, and  
radiology, and fellows in surgical oncology, medical oncology, and  
radiation therapy

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**HOSPITAL TEACHING ROLES (Continued)**

2011-present            Educational conferences and one-on-one teaching for surgical pathology fellows

**LEADERSHIP ROLES**

2008 –present            Faculty Member in Gastrointestinal Pathology Fellowship

2010-2011                Site Director, Pathology Residency Program,  
 Rhode Island Hospital, Providence, RI

2011-2017                Director, Surgical Pathology Fellowship Program, Rhode Island Hospital

Design and implementation of curriculum for Fellowship Program in Surgical Pathology, provide constructive criticism to trainees, evaluate individual faculty and plan progressive improvements in curricular design

**TRAINEES:**

<b>Residents</b>	<b>Years at Brown</b>
Greaves, Wesley	2006-2010
Zhang, Ying	2006-2010
Luu, Martin	2006-2010
Alduaij, Ahmad	2007-2011
Jean-Gilles, Jerome	2007-2011
Tan, Wei	2008-2010
Sidhu, Harleen	2008-2011
Cao, Weibiao	2008-2012
Ehdaivand, Shahrzahd (Slater)	2008-2012
Matoso, Andres	2008-2012
Singh, Kamaljeet	2008-2012
Esteva, Carlos	2009-2013
Lu, Shaolei	2009-2013
Sams, Ralph	2009-2013
Lee, Anne	2010-2014
Chaump, Michael	2010-2014

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Kalife, Elizabeth	2010-2014
Perincheri, Sudhir	2011
Clubwala, Rashna	2011-2013
Alrabeh, Reem	2011-2013
Chen, Sonja	2011-2015
Ellermeier, Chad	2011-2015
Li, Jianhong	2011-2015
Meunier, Rashna	2011-2015
Almardini, Nour	2012-2016
Piskorski, Anna	2012-2016
Aldarweesh, Fatima	2013-2017
Grada, Zakaria	2013-2017
Mahmood, Ahmed	2013-2017
Marketkar, Shivali	2013-2017
Zhao, C. Lisa	2013-2017
Hui, Yiang	2014-2018
Lepe, Marcos	2014-2018
Ouseph, Madhu	2014-2018
Wang, Hai	2014-2018
Edmund, Liz	2015-Present
He, Xin (Jason)	2015-Present
Patel, Pallavi	2015-Present
Belova, Natalia	2016-Present
Nam, Ga Hie	2016-Present
Haghyeghi, Koorosh	2017-Present
Riviere, Stephanie	2017-Present
Zakka, Fouad	2017-Present
<b>GI/Liver Pathology Fellows</b>	<b>Year</b>
Sharma, Preeti	2008
Chang, Tara Williams	2008
Sciandra, Katherine	2009

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Winn, Brody	2009
Rugnath, Dinesh	2010
Patel, Ajay	2011
Cao, Weibiao	2012
Matoso, Andres	2013
Lu, Shaolei	2014
Friedman, Kenneth	2015
Wood, Stephanie	2016
Laskiewicz, Lisa	2017
Acosta-Gonzalez, Gabriel	2018
<b>Surgical Pathology Fellows</b>	<b>Year</b>
Rugnath, Dinesh	2011
Shillingford, Nick	2012
Allen, Danisha	2013
Snow, Anthony	2014
Kalife, Elizabeth	2015
Almardini, Nour	2017
Zhao, C.Lisa	2018

**BROWN UNIVERSITY TEACHING AWARDS**

2011	Certificate of Recognition for Exemplary Teaching Bio 3643 IMS I: Histology
2012	Certificate of Recognition for Exemplary Teaching Bio 3643 IMS I: Histology
2012	Certificate of Recognition for Exemplary Teaching Bio 3673 IV Gastroenterology
2013	Certificate of Recognition for Exemplary Teaching Bio 3643 IMS I: Histology
2013	Dean's Excellence in Teaching Award
2014	Certificate of Recognition for Exemplary Teaching Bio 3643 IMS I: Histology



CURRICULUM VITAE  
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2015	Dean's Excellence in Teaching Award
2017	Certificate of Recognition for Exemplary Teaching BIOL 3673 IMS IV Gastroenterology
2017	Certificate of Recognition for Exemplary Teaching BIOL 3664 IMS III Renal
2017	Certificate of Recognition for Exemplary Teaching BIOL 3665 IMS II Supporting Structures
2018	Dean's Excellence in Teaching Award
2018	Office of Medical Education Letter of Recognition in BIOL 3673 IMS IV: Gastroenterology
2018	Office of Medical Education Letter of Recognition in BIOL 3664 IMS III: Renal

**TEACHING IN RESEARCH SETTING**

2008-present      Research education for medical students, residents, and fellows in approaches to molecular and cellular pathobiology

Trainees:

Pallavi Patil, M.D.  
Madhu Ouseph, M.D.  
Grada Zakaria, M.D.  
Andres Matoso, M.D.  
Shaolei Lu, M.D.  
Kamaljeet Singh, M.D.  
Wei Tian, M.D.  
Harleen Sidhu, M.D.  
Elizabeth Kalife, M.D.  
Nick Shillingford, M.D.  
Danisha Allen, M.D.  
Rashna Clubwala, M.D.  
Jianhong Li, M.D.

2010-2012      Scholarship Oversight Committee, Pediatric Hematology-Oncology Fellowship Program of Brown University. Overseeing biomedical research project: "Expression of survivin and acetylated survivin in neuroblastoma" for pediatric oncology fellow, Preeya Desh, M.D.