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Women & Infants Hospital of Rhode Island
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EDUCATION

Medical School (M.D.) Pandit Bhagwat Dayal Sharma Post Graduate Institute of
8/1997- 02/2003 Medical Sciences
Rohtak, India

POSTGRADUATE TRAINING

Residency All India Institute of Medical Sciences
Anatomic and Clinical Pathology New Delhi, India
07/2003-06/2006

Research Fellowship Wilmer Eye Institute
Ophthalmic Pathology Johns Hopkins Hospital
6/2007-5/2008 Baltimore, Maryland

Residency Alpert Medical School of Brown University
Anatomic and Clinical Pathology Providence, Rhode Island
7/2008-6/2012

Fellowship Beth Israel Deaconess Medical Center
Breast Pathology Boston, Massachusetts
7/2012-6/2013

POSTGRADUATE HONORS AND AWARDS

Dean's Excellence in Teaching Award, Alpert Medical School, 2016
Recognition for Exemplary Teaching (BIOL 3643 IMS I), Alpert Medical School, 2017
Identified as "positive champion of the learning environment", Alpert Medical School, 2018

MILITARY SERVICE

None

PROFESSIONAL LICENSES AND BOARD CERTIFICATIONS

American Board of Pathology 8/2012

Rhode Island Physician License
Massachusetts Physician License

2013 - present
2012 - present

ACADEMIC APPOINTMENTS

Assistant Professor of Pathology

Department of Pathology & Laboratory Medicine
Alpert Medical School of Brown University
Providence, Rhode Island

HOSPITAL APPOINTMENTS

Director
2016-Present

Clinical Hematology Laboratory
Women and Infants Hospital of Rhode Island
Providence, Rhode Island

Staff Pathologist
2013-Present

Women and Infants Hospital of Rhode Island
Providence, Rhode Island

OTHER APPOINTMENTS

Member, 2017

Brown Based Neoplasia search committee (FC#07)

Treasurer
2017

Rhode Island Society of Pathologists

Chief resident
2011-2012

Anatomic and Clinical Pathology Residency
Alpert Medical School of Brown University
Providence, Rhode Island

HOSPITAL COMMITTEES

Member

Cancer Committee
Women and Infants Hospital of Rhode Island
Providence, Rhode Island

Member

Laboratory Performance Improvement committee
Women and Infants Hospital of Rhode Island
Providence, Rhode Island

MEMBERSHIP IN SOCIETIES

2008- 2012
2008- 2016
2008- Present
2008- Present
2008- Present

New England Society of Pathologists
American Society for Clinical Pathology
United States and Canadian Academy of Pathology
College of American Pathologists
Rhode Island Society of Pathologists

2017- Present
2018- Present

International Society of Gynecological Pathologists
International Society of Breast Pathologists

JOURNAL REVIEWER

2016 Breast Cancer Research and Treatment
2017 Oncotarget, Bioscience Reports
2018 Breast Cancer Research and Treatment, Translational Cancer Research

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS:

- 1) **Singh K**, Sharma MC, Jain D, Kumar R. Melanotic medullary carcinoma of thyroid - report of a rare case with brief review of literature. *Diagn Pathol.* 2008 Jan 11; 3: 2.
- 2) **Singh K**. Immunotactoid microtubular corneal deposits in bilateral paraprotein crystalline keratopathy. *Cornea* 2009; 28(7): 829-831.
- 3) Matoso A, **Singh K**, Jacobs R, Geaves WO, Tavares R, Noble L, Resnick MB, Delellis RA, Wang LJ. Comparison of thyroid transcription factor-1 expression by two monoclonal antibodies in pulmonary and non-pulmonary primary tumors. *Appl Immunohistochem and Mol Morphol* 2010; 18(2): 142-149.
- 4) Jain D, **Singh K**, Chirumamilla S, Bibat GM, Blue ME, Naidu SR, Eberhart CG. Ocular MeCP2 protein expression in patients with and without Rett Syndrome. *Pediatr Neurol.* 2010 Jul; 43(1):35-40.
- 5) Jain D, Sharma MC, **Singh K**, Gupta NP. Primary carcinoid tumor of the kidney: case report and brief review of literature. *Indian J Pathol Microbiol.* 2010 Oct-Dec; 53(4): 772-4
- 6) **Singh K**, Rajan AD, Eberhart CG. Orbital necrobiotic xanthogranuloma associated with systemic IgG4 disease. *Ocul Immunol Inflamm.* 2010 Oct; 18(5): 373-8.
- 7) **Singh K**. Reply to: Immunotactoid microtubular corneal deposits in bilateral paraprotein crystalline keratopathy and atypical corneal immunoglobulin deposition in a patient with dysproteinemia? *Cornea.* 2010 Nov. 18. [Epub]
- 8) **Singh K**, Simon RA, Zhang C, Quddus MR. "Surface epithelial changes" in uterine endometrioid carcinoma mimicking micropapillary serous borderline tumor of ovary: report of two cases and review of the literature. *Diagn Pathol.* 2011 Jan 27;6:13
- 9) Zhang C, Asnaghi L, Gongora C, Patek B, Hose S, Ma B, Fard MA, Brako L, **Singh K**, Goldberg MF, Handa JT, Lo WK, Eberhart CG, Zigler JS Jr, Sinha D. A developmental defect in astrocytes inhibits programmed regression of the hyaloid vasculature in the mammalian eye. *Eur J Cell Biol.* 2011 May; 90(5):440-8. Epub 2011 Feb 26.
- 10) Wen S, So Y, **Singh K**, Zhang S, Slingerland JM, Resnick MB, Ruiz V, Moss SF. Promotion of cytoplasmic mislocalization of p27 by "Helicobacter pylori" in gastric cancer. *Oncogene.* 2011 Aug 15[Epub]
- 11) Yakirevich E, Samkari A, Holloway MP, Lu S, **Singh K**, Yu J, Fenton MA, Altura R. Total Survivin and acetylated Survivin correlate with distinct molecular subtypes of breast cancer. *Hum Pathol.* 2011 Nov 3.[Epub]
- 12) Lu S, **Singh K**, Mangray S, Tavares R, Noble L, Resnick MB, Yakirevich E. Claudin expression in high-grade invasive ductal carcinoma of the breast: correlation with molecular subtype. *Mod Pathol.* 2012 Dec 7. [Epub]

- 13) **Singh K**, Ray R, Sharma A, Gupta R, Bagga A, Dinda AK Peritubular capillaries and renal function in pediatric idiopathic nephrotic syndrome. *Saudi J Kidney Dis Transpl.* 2013 Sep;24(5):942-9
- 14) 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):2743-50. doi: 10.1016/j.humpath.2013.07.021.
- 15) Bell R, **Singh K**, AnandRajan KD & Eberhart C. Expression of p16 and p53 In Intraepithelial Periocular Sebaceous Carcinoma. *Ocul Oncol Pathol.* 2016;2:71-75. doi: 10.1159/000439308
- 16) **Singh K**, DiSilvestro P, Lawrence D and Quddus MR. An Isolated Metastasis from Renal Cell Clear Cell Carcinoma to the Uterus; A Case Report and Review of Literature. *Int J Gynecol Pathol.* 2015 Dec. doi: 10.1097/PGP.0000000000000253
- 17) **Singh K**, Tantravahi U, Lomme M, Pasquariello T, Steinhoff M and Sung JC. Updated 2013 College of American Pathologists/American Society of Clinical Oncology (CAP/ASCO) guideline recommendations for human epidermal growth factor receptor 2 (HER2) fluorescent in situ hybridization (FISH) testing increase HER2 positive and HER2 equivocal breast cancer cases; retrospective study of HER2 FISH results of 836 invasive breast cancers. *Breast Cancer Res Treat.* 2016 May. doi:10.1007/s10549-016-3824-x
- 18) **Singh K**, Sung CJ, Lawrence DW, Quddus MR. Testosterone Induced "Virilization" of Mesonephric Duct Remnants and Cervical Squamous Epithelium in Female-to-Male Transgenders: A Report of Three Cases. *Int J Gynecol Pathol.* 2016 Aug 26. [Epub ahead of print]
- 19) Kalife E, Sung CJ, **Singh K**. To oncotype or not: Knowledge of histologic grade and subtype may help. *Arch Pathol Lab Med.* 2016 Nov;140(11):1184-1185
- 20) Lepe M, Kalife E, Ou J, Quddus MR, **Singh K**. "Inside-out" immunostaining pattern in invasive micropapillary carcinoma of breast; additional unequivocal evidence of reversed polarity. *Histopathology.* 2016. DOI: 10.1111/his.13121
- 21) Heng YJ, Lester SC, Tse G, Factor RE, Allison KH, Collins LC, Chen Y, Jensen KC, Johnson NB, Jeong JC, Punjabi R, Shin SJ, **Singh K**, Krings G, Eberhard DA, Tan PH, Korski K, Waldman F, Gutman DA, Sanders M, Reis-Filho JS, Flanagan SR, Gendoo DM, Chen G, Haibe-Kains B, Ciriello G, Hoadley KA, Perou CM and Beck AH. The molecular basis of breast cancer pathologic phenotypes. *J Pathol.* Accepted manuscript online: 14 Nov 2016 03:45 AM EST I DOI: 10.1002/path.4847
- 22) Wawire J, **Singh K**, Steinhoff MM. Fibroadenoma with Pleomorphic Stromal Giant Cells; It's Not as Bad as It Looks! *Int J Surg Pathol.* 2017 Apr 1:1066896917704901. doi: 10.1177/1066896917704901. [Epub ahead of print]
- 23) **Singh K**, Patil P, Patel N, Mathews C, Paquette C, Lawrence DW. Primary Ovarian Solid Pseudopapillary Neoplasm with CTNNB1 c.98C>G (p.S33C). *Int J Gynecol Pathol.* 2017 Apr DOI: 10.1097/PGP.0000000000000396
- 24) **Singh K**, DiazGomez B, Lomme M. Squamous Epithelialization of Bilateral Breast Implant Capsules Complicated by Implant Extrusion. *Breast J.* DOI: 10.1111/tbj.12988
- 25) Patil PA, **Singh K**, Paquette C, Quddus MR. Squamous Differentiation in Breast Carcinoma Following Neoadjuvant Chemotherapy; Therapy Effect Versus Tumor Heterogeneity. *Breast J* (In press)
- 26) **Singh K**, Wang Y, Marketkar S, Kalife E T., Steinhoff M M. Comparison of Estrogen Receptor, Progesterone Receptor and HER2 Results in Concurrent Ipsilateral Samples with Invasive Breast

- Carcinoma; A Retrospective Study of 246 Biopsies From 119 Patients, Human Pathology. 2017. doi: 10.1016/j.humpath.2017.04.016
- 27) **Singh K**, Falkenberry S, Eklund B, Quddus MR. Cystic Hypersecretory Hyperplasia of Breast. Int J Surg Pathol. 2017 Nov 1;1066896917741979. Doi: 10.1177/1066896917741979. [Epub ahead of print]
- 28) **Singh K**, He X, Kalife E, Ehdaivand S, Wang Y, Sung CJ. Relationship of Histologic Grade and Histologic Subtype with Oncotype Dx Recurrence Score; Retrospective Review of 863 Breast Cancer Oncotype Dx Results. Breast Cancer Res Treat. 2017 Dec 11. doi: 10.1007/s10549-017-4619-4. [Epub ahead of print]
- 29) Podoll M, **Singh K**, Quddus MR. Endometrial pneumatosis. Int J Surg Pathol. 2018 Mar. doi: 10.1177/1066896918760193.
- 30) Zavitsanos P, Jaroslaw H, Wang Y, **Singh K**, Leonard K, Wazer D. BRCA1 mutations associated with increased risk of brain metastases in breast cancer: A 1:2 matched pair analysis. Am J Clin Oncol. 2018 (in press).
- 31) **Singh K**, Paquette C, Kalife E, Wang Y, Mangray S, Quddus MR, Steinhoff M. Evaluating Agreement, Histological Features and Relevance of Separating Pleomorphic and Florid Lobular Carcinoma-in-Situ Subtypes. Hum Pathol. 2018 (in Press).
- 32) **Singh K**, Hansen K, Quddus MR. Aberrant Immunostaining of Breast Carcinoma by MRQ-50 PAX8 Antibody. Appl Immun Mol Morphol 2018 (in Press)

ABSTRACTS & POSTERS

- 1) **Singh K**, Iyer V & Chopra P (2004). Hypoplastic left heart syndrome. Annual meeting of Indian Association of Pathologists and Microbiologists Annual meeting. New Delhi, India
- 2) **Singh K**, Karak AK . (2005, April) Cribriform carcinoma of breast: the histological and immunophenotypic features. Annual meeting of Indian Association of Pathologists and Microbiologists. New Delhi, India
- 3) **Singh K**, Sidhu H, Mangray S, Tavares R, Noble L, Resnick M, DeLellis R, and Yakirevich E. (2009, Oct) Calretinin and S100 expression in poorly differentiated breast carcinoma with emphasis on basal-like subtype. Annual Lifespan Research day celebration. Providence, Rhode Island
- 4) **Singh K**. Seboapocrine Carcinoma: A rare histologic variant of sebaceous carcinoma. Arch Path. Lab Med. (2009) Oct; 133(10): 1691. Poster presentation at Annual College of American Pathologists (CAP) meeting, Oct. 2009. Washington, DC
- 2) **Singh K**, Ray R, Bagga A, Dinda AK. Morphometric and ultrastructure study of Peritubular capillaries in renal biopsies of childhood idiopathic nephrotic syndrome. Arch Path. Lab Med. (2009) Oct; 133(10): 1663. Poster presentation at Annual College of American Pathologists (CAP) meeting, Oct. 2009. Washington, DC
- 3) **Singh K**. Localized corneal amyloidosis secondary to keratoconus. Virchows Arch (2009); 455(Suppl 1): S432. Poster presentation at Annual European Congress of Pathology (ECP) meeting, Sept. 2009, Florence, Italy
- 4) **Singh K**. p16 is consistently expressed in ocular sebaceous carcinoma. Virchows Arch (2009); 455(Suppl 1): S275. Poster presentation at Annual European Congress of Pathology (ECP) meeting, Sept. 2009, Florence, Italy

- 5) **Singh K**, Eberhart C. Systemic IgG4 disease and orbital inflammatory lesions including necrobiotic xanthogranuloma. *Mod Pathol* 23(Suppl 1): 384A; doi:10.1038/modpathol.2010.24. Poster presentation at 99th annual meeting of United States and Canadian Academy of Pathology, 2010, Washington, DC
- 6) **Singh K**, Sidhu H, Mangray S, Tavares R, Noble L, Resnick M, DeLellis R, and Yakirevich E. Calretinin expression in poorly differentiated breast carcinomas with an emphasis on the basal-like subtype. *Mod Pathol* 23(Suppl 1): 72A; doi:10.1038/modpathol.2010.8. Poster presentation at 99th annual meeting of United States and Canadian Academy of Pathology, 2010, Washington, DC
- 7) Elsamra SE, Matoso A, **Singh K**, Tavares R, Noble L, Renzulli J, Hableblan G, Resnick MB, Wang LJ, Pareek G. ALDH1 expression in bladder cancer correlates with histopathologic indicators of poor prognosis. New England Section of the American Urological Association. Providence, Rhode Island.
- 8) A Matoso, KT Sciandra, S Elsamra, **K Singh**, J Renzulli, R Jacob, R Tavares, G Haleblan, L Noble, G Pareek, MB Resnick, LJ Wang. Expression of Putative Stem Cell Markers ALDH1 and CD133 in Urothelial Carcinoma of the Bladder. *Mod Pathol* 24(Suppl 1): 210A; doi:10.1038/modpathol.2011.22. Poster presentation at 100th annual meeting of United States and Canadian Academy of Pathology, 2011, San Antonio, Texas
- 9) Lu S, **Singh K**, Mangray M, Tavares R, Noble L, DeLellis R, Resnick M and Yakirevich E. Claudin-Low Breast Cancer: a Novel Subtype Associated with Basal-Like Phenotype and Metaplastic Breast Cancer. *Mod Pathol* 24: 52A; doi:10.1038/modpathol.2011.15. Poster presentation at 100th annual meeting of United States and Canadian Academy of Pathology, 2011, San Antonio, Texas
- 10) **Singh K**, Lu S, Sidhu H, Noble L, Tavares R, DeLellis R, Resnick M, Yakirevich E. Glucocorticoid Receptor Expression in Breast Carcinoma Molecular Subtypes: An Immunohistochemical Study. *Mod Pathol* 24: 64A; doi:10.1038/modpathol.2011.15. Poster presentation at 100th annual meeting of United States and Canadian Academy of Pathology, 2011, San Antonio, Texas
- 11) **Singh K**, Lu S, Sidhu H, Noble L, Tavares R, DeLellis R, Resnick M, Yakirevich E. Differential S100 Protein Family Expression in the Basal-Like Breast Carcinoma Subtype. *Mod Pathol* 24: 64A; doi:10.1038/modpathol.2011.15. Poster presentation at 100th annual meeting of United States and Canadian Academy of Pathology, 2011, San Antonio, Texas
- 12) **Singh K**, Wen S, Noble L, Tavares R, Moss S and Resnick M. Abnormal Cytoplasmic Localization of p27 (KIP) Protein is Associated with Poor Survival in Gastric Carcinoma. *Mod Pathol* 24(Suppl 1): 168A; doi:10.1038/modpathol.2011.21. Poster presentation at 100th annual meeting of United States and Canadian Academy of Pathology, 2011, San Antonio, Texas
- 13) Lu S, **Singh K**, Mangray S, Tavares R, Monahan R, Li J, Resnick M and Yakirevich E. Claudin expression in invasive lobular carcinoma with an emphasis on pleomorphic lobular carcinoma. *Mod Pathol* 25(Suppl 2): 52A; doi:10.1038/modpathol.2012.11. Poster presentation at 101th annual meeting of United States and Canadian Academy of Pathology, 2012, Vancouver, Canada
- 14) Bell WR, **Singh K**, Eberhart CG. P16 and p53 expression in periocular sebaceous cell carcinoma. *Mod Pathol* 26(Suppl 2): 420A; doi:10.1038/modpathol.2013.19. Poster presentation at 102th annual meeting of United States and Canadian Academy of Pathology, 2013, Baltimore, Maryland
- 15) **Singh K**, Collins L, Knolblauch N, Hefti M. Computational image analysis to identify a morphological signature of claudin-low breast cancer. *Mod Pathol* 26(Suppl 2): 69A;

- doi:10.1038/modpathol.2013.3. Poster presentation at 102th annual meeting of United States and Canadian Academy of Pathology, 2013, Baltimore, Maryland
- 16) S Chiang, KS Cole, G Baker, **K Singh**, JM Batten, AJ Iafrate, SJ Schnitt. Solid Papillary Neoplasms with Reverse Polarization (SPNRPs): Histologic, Immunophenotypic and Genotypic Characterization of a Distinctive Breast Tumor. *Mod Pathol* 27(Suppl 2): 41A; doi:10.1038/modpathol.2014.7. Poster presentation at 103th annual meeting of United States and Canadian Academy of Pathology, 2014, San Diego, California
- 17) **Singh K**, Tantravahi U, Steinhoff M, Lomme MM, Pasquariello T, Sung CJ. Impact of 2013 College of American Pathologists/American Society of Clinical Oncology (CAP/ASCO) Guideline Recommendations on Human Epidermal Growth Factor Receptor 2 (HER2) Fluorescent In-Situ Hybridization (FISH) Testing in Breast Cancer; Retrospective Study of 709 Cases. *Mod Pathol* 28(Suppl 2): 311A; doi:10.1038/modpathol.2015.9. Poster presentation at 103th annual meeting of United States and Canadian Academy of Pathology, 2015, Boston, Massachusetts
- 18) Marketkar S, **Singh K**, Jackson C, Hart J, Resnick M, Wang Y. Impact of 2013 ASCO/CAP Guideline Recommendations on HER2 FISH Testing in Breast Cancer. *Mod Pathol* 29(Suppl 2): 498A; doi:10.1038/modpathol.2016.3. Poster presentation at 104th annual meeting of United States and Canadian Academy of Pathology, 2016, Seattle, Washington
- 19) Marketkar S, **Singh K**, Hansen K, Steinhoff M. Is it worth performing ER, PR and HER2 assays on all concurrently sampled ipsilateral breast cancers; study of 174 biopsies from 85 patients. *Mod Pathol* 29(Suppl 2): 56A; doi:10.1038/modpathol.2016.3. Poster presentation at 104th annual meeting of United States and Canadian Academy of Pathology, 2016, Seattle, Washington
- 20) Kalife ET, Quddus MR, Hansen K, **Singh K**, Lawrence DW. Vulvar Elastosis: An Under-recognized entity often confused with lichen sclerosus. Report of a series. *Mod Pathol* 29(Suppl 2): 289A; doi:10.1038/modpathol.2016.11. Poster presentation at 104th annual meeting of United States and Canadian Academy of Pathology, 2016, Seattle, Washington
- 21) Kalife ET, **Singh K**, Quddus, MR. Atypical Ductal Hyperplasia (ADH) versus Ductal Carcinoma In-Situ (DCIS) in a Papilloma: Comparison of Linear Dimension and Proportion Criteria. *Mod Pathol* 29(Suppl 2): 48A; doi:10.1038/modpathol.2016.3. Platform presentation at 104th annual meeting of United States and Canadian Academy of Pathology, 2016, Seattle, Washington
- 22) Patil P, Patel N, Jackson C, Mathews C, Paquette C, Lawrence DW, **Singh K**. Primary Ovarian Solid Pseudopapillary Neoplasm with CTNNB1 (beta-catenin) S33C Activating Mutation. Poster presentation at College of American Pathologists annual meeting at Las Vegas, September, 2016
- 23) Patil P, Paquette C, Mathews C, Lawrence DW, **Singh K**. Unusual Pagetoid-Pattern of Involvement of Uterine Cervix from Underlying HPV-Related Invasive Endocervical Adenocarcinoma. Poster presentation at College of American Pathologists annual meeting at Las Vegas, September, 2016
- 24) Patil P, Quddus MR, **Singh K**. Squamous Differentiation in Breast Cancer Following Neoadjuvant Therapy; Hitherto Unreported Histological Finding. Abstract accepted for poster presentation at College of American Pathologists annual meeting at Las Vegas, September, 2016
- 25) Wawire J, Steinhoff M, **Singh K**. Pleomorphic stromal giant cells in a fibroadenoma: it is not as bad as it looks! Poster presentation at regional meeting of association of Pathologists of East Central and Southern Africa in Kigali, Rwanda on 10/23/2016.
- 26) Lepe M, Kalife ET, Ou J, Quddus MR and **Singh K**. "Inside-out" p120 Immunostaining Pattern in Invasive Micropapillary Carcinoma of Breast; Additional Unequivocal Evidence of Reversed

- Polarity. Mod Pathol 24 (Suppl 1): 168A; doi:10.1038/modpathol.2011.21. Poster presentation at annual meeting of United States and Canadian Academy of Pathology, 2017, San Antonio, Texas
- 27) He X, Kalife ET, Ehdaivand S, Wang Y, Sung, CJ, and **Singh K**. Breast Cancer Histologic Grade and Histologic Subtype Impact Recurrence Score; Retrospective Review of 863 Oncotype Dx Results. Mod Pathol 24 (Suppl 1): 168A; doi:10.1038/modpathol.2011.21. Poster presentation at annual meeting of United States and Canadian Academy of Pathology, 2017, San Antonio, Texas
- 28) Patil P, **Singh K**, Sung CJ, Steinhoff M, Hansen K, Quddus MR. Biomarker Testing Justification in Low Grade In-Situ and Invasive Breast Carcinoma-An Opportunity for Substantial Cost Containment: A Retrospective Analysis of 336 Cases Mod Pathol 24 (Suppl 1): 168A; doi:10.1038/modpathol.2011.21. Poster presentation at annual meeting of United States and Canadian Academy of Pathology, 2017, San Antonio, Texas and poster presentation at annual Rhode Island Hospital Research Symposium, October 20 2016, Providence, RI.
- 29) DíazGómez B, **Singh K**, Chambers T, Ou J. Carcinoma lobular invasivo con mucina extracelular: Reporte de un caso de esta nueva y rara variante del carcinoma lobular. Poster presentation (#173) at XXXI Congreso Latinoamericano de Patología, Cartagena, Colombia, August 8-12, 2017
- 30) DíazGómez B, **Singh K**, Lomme M, Sung CJ, Quddus MR. Lesiones En Ganglios Linfáticos Imitadoras De Malignidad Presentes En Neoplasias Mamarias Y Ginecológicas: Una “Pesadilla” Durante La Consulta Intraoperatoria. (# 238) at XXXI Congreso Latinoamericano de Patología, Cartagena, Colombia, August 8-12, 2017
- 31) DíazGómez B, **Singh K**. CD34 negative mammary myofibroblastoma; a rare entity and a diagnostic pitfall (#173) at XXXI Congreso Latinoamericano de Patología, Cartagena, Colombia, August 8-12, 2017
- 32) Nam G, Hui Y, Xiong J, Singh K, Sung CJ, Lawrence WD, Quddus MR. Squamous morules with central necrosis in endometrial biopsies: a clinicopathologic follow-up study. Poster at United States and Canadian Academy of Pathology meeting, 2018, Vancouver, Canada.

INVITED PRESENTATIONS

- 1) “AJCC Breast cancer staging changes”. Greenwich Hospital, Greenwich, Connecticut. April 14, 2018.
- 2) “Changing breast cancer staging and early case capture” Cancer Registrars Association of New England (CRANE) annual meeting. Mystic Marriott Hotel and Spa, Groton, CT, USA. October 26-27, 2017
- 3) “Interesting breast lesions” Slide session at Temple University, Philadelphia, PA. 8-9 am, July 24, 2017.
- 4) “Changing breast cancer staging and early case capture” Webinar, Department of Health and Brown University. 3 Capitol Hill, Providence, RI. June 22 2017.
- 5) “High yield breast pathology cases for Boards.” Live stream on facebook. Available on youtube (<https://www.youtube.com/watch?v=nCoSnLC-8SQ&lc=z13jfv411bjjptz023bhnyq5nbnxhfsjl04>) and itunes (<https://itunes.apple.com/us/podcast/pathcast/id1219572496?mt=2>). May 5 2017.
- 6) “Spindle cell proliferations of breast.” Department of Pathology, Maulana Azad Medical College, New Delhi, India. February 13, 2014.
- 7) “Spindle cell proliferations of breast.” Department of Pathology, All India Institute of Medical Sciences, New Delhi, India. February 26, 2014.

PLATFORM PRESENTATIONS

1. **Singh K.** Corneal microsporidiosis. Rhode Island Society of Pathologists. Fall meeting. 2008, Providence, Rhode Island.
2. **Singh K,** LeGolvan M. Sessile serrated adenoma with dysplasia. Rhode Island Society of Pathologists. Fall meeting. 2010, Providence, Rhode Island.
3. Kalife ET, **Singh K,** Quddus, MR. Atypical Ductal Hyperplasia (ADH) versus Ductal Carcinoma In-Situ (DCIS) in a Papilloma: Comparison of Linear Dimension and Proportion Criteria. Mod Pathol 29(Suppl 2): 48A; doi:10.1038/modpathol.2016.3. Platform presentation at 104th annual meeting of United States and Canadian Academy of Pathology, 2016, Seattle, Washington
4. **Singh K,** Paquette C, Kalife ET, Wang Y, Mangray S, Quddus MR and Steinhoff M. Inter-Observer Variability in Diagnosing Lobular Carcinoma-in-Situ Subtypes; Evaluating Reproducibility of Contemporary Criteria. Mod Pathol 24(Suppl 1): 168A; doi:10.1038/modpathol.2011.21. Platform presentation at annual meeting of United States and Canadian Academy of Pathology, 2017, San Antonio, Texas
5. Podoll M, **Singh K,** Edmonson D, Sung CJ. AJCC Eight Edition Invasive Breast Cancer Staging; Reappraisal of the Manual and Assessment of Impact. Platform presentation at annual meeting of United States and Canadian Academy of Pathology, March 20, 2018, Vancouver, Canada

GRAND ROUND PRESENTATIONS

1. “Lobular Neoplasia (1918-2017).” Rhode Island Hospital, Providence, RI. July 27, 2017.
2. “Lobular neoplasia; what is new and what is not new.” Department of Pathology, Rhode Island Hospital, Providence, RI, 2011
3. “Upgrade rate of atypical ductal hyperplasia diagnosed on core needle biopsy at Rhode Island Hospital.” Department of Pathology, Rhode Island Hospital, Providence, RI, 2010
4. “Urachal adenocarcinoma; case presentation and review of literature.” Department of Pathology, Rhode Island Hospital, Providence, RI, 2009

PETIT ROUND PRESENTATIONS

1. “Solid papillary carcinoma of breast.” Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. Nov 27 2012.
2. “Radial sclerosing lesions of breast.” Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. July 30 2013.
3. “Spindle cell lesions of breast.” Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. Nov. 12 2013.
4. “Review of proposed schemes for assessment of neoadjuvant therapy response in breast cancer.” Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. June 16 2015.
5. “Solid pseudopapillary neoplasm of ovary.” Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. Nov. 3 2015.

6. "Hereditary leiomyomatosis and renal cell carcinoma syndrome, review of select Gynecologic pathology abstracts from USCAP 2016 meeting." Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. April 5, 2016.
7. "Review of select breast pathology abstracts from USCAP 2016 meeting." Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. May 3, 2016.
8. "Primary neuronal tumors of ovary." Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. August 16, 2016.
9. "National Comprehensive Cancer Network (NCCN) Guidelines for Management of Breast Cancer; Review with Pathology Perspective." Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. August 30, 2016.
10. "Interobserver agreement in diagnosing LCIS subtypes." Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. Feb 22, 2017.
11. "Highlights from USCAP 2017." Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. March 3, 2017.
12. "Approach to diagnosis of intraerythrocytic parasites." Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. August 1, 2016.
13. "AJCC (8th edition) Breast Cancer Staging Changes." Department of Pathology and Laboratory Medicine, Women & Infants Hospital of Rhode Island, Providence, RI. August 22, 2016.

UNIVERSITY TEACHING ROLES

MEDICAL STUDENT TEACHING AT ALPERT MEDICAL SCHOOL OF BROWN UNIVERSITY (2013- present)

2013

Pathology small group leader:

Students: Marcos Aranda, Nell Baldwin, David Booy, Samantha Brown, Sara Guevara, Rachel Schrier, Keegan Skidmore, Mathew Wieler, William Berk, Samantha Denadrade, Amanda Dowden, Justin Glavis-Bloom, Patrick Lec, Natalie Locci, Minoo Ramanathan, Mathew Shalvoy, Emily Shelkowitz, Gregory Walker

2014

Histology small group leader (Med Ed-BIOL3643: Histology):

Students: Uzoamaka, Asonye, Ryan Clodfelter, Cristina Flore Monckeber, Gerald Hefferman, Walter Klyce, Katleen Moriarty, Eian Prohl, Rashaud Senior, Annalise Van Meurs

Pathology small group leader:

Students: Nell Baldwin, Allison Chen, David Corner, Maurice Hajjar, Quetrell Heyward, Amita Kulkarni, Shardale McAfee, Nery Porras, Rachel Schrier, Laura Ucik

2015

Histology small group leader (Med Ed-BIOL3643: Histology):

Students: Carla Castillo, Kristen Durbin, Shane Fischbach, Jyotsna Ghosh, Elisa Glubok, Stephanie Presser, Alicia Rolin, Danielle Stern, Timothy Wright.

Pathology small group leader:

Students: Shaan Ahmed, Reuben Baker, Richard Buesa, Rebecca Callodonato, Cassandra Duarte, Christopher Lam, Neesha Nama, Kira Neel, Adam Tuomi & Justin Yu

2016

Histology small group leader (Med Ed-BIOL3643: Histology):

Students: Garrett Scott Bowen, Timothy James Genovese, Victoria Elizabeth Goldman, John Patrick Kane, Andreas Spiros Lazaris, Syed Sajjad Sarwar Naqvi, Sravanthi Puranam, Alejandro Victores, Heejae Yang

Pathology small group leader:

Students: Carla Castillo, Kristen Durbin, Shane Fischbach, Jyotsna Ghosh, Elisa Glubok, Stephanie Presser, Alicia Rolin, Danielle Stern, Timothy Wright

2017

Histology small group leader (Med Ed-BIOL3643: Histology):

Students: Shannon Adams, Alyssa Aldridge, Soumitri Barua, Gisel Bello, Stephen DiMaria, William Hogan, Sean Lee, Kirsten Loscalzo, John Milner, Jameson Snead, Harry VanDusen

HOSPITAL TEACHING ROLES

BROWN UNIVERSITY PATHOLOGY RESIDENTS TEACHING

Didactic lectures at Rhode Island Hospital:

Spindle cell lesions of breast	March 2015
Histologic approach to difficult breast biopsies	April 2016
Unusual breast cases	May 2016

Pathology resident teaching during Gynecologic Pathology rotation at Women and Infants Hospital of Rhode Island:

2014	Anna Piskorski, MD
2015	Shivali Marketkar, MD
2016	Zakaria Grada, MD, C. Lisa Zhao, MD, PhD
2017	Marcos Lepe MD, Yiang Hui MD, Hai Wang MD PhD, Xin He MD, Hiba Ibrahim MD (U Mass)

BROWN UNIVERSITY MEDICAL STUDENTS TEACHING AT WOMEN AND INFANTS HOSPITAL OF RHODE ISLAND (OBG 4975 Gynecologic & Breast Pathology Elective)

2013	Mary Alice Richter, Benedict Mills, Libertad Flores, Melissa Paulen
2014	Argyrios Koioky Thas, Calvin Lambert, Ijeoma Iko, Grace Chow, Yaoyao Bu, Rachel Blake, Helen Johnson, Christina Panton, Lindsey Negrete
2015	Danielle Chao, Natalie Locci-Molina, Mary Kao, Benjamin Walz, Alice Chen, Olivia Linden, Natasha Kumar, Araba Amonu
2016	Julia Gutierrez BMSIV, David Huang, Christina Lam, Amita Kulkarni, Maggie Chung, Christine Krueger, Gopika Krishna

2017 Tiffany Chambers, Elyse Trinh
2018 Christy Gandhi, Ignacio Santana

INTERNATIONAL VISITING MEDICAL STUDENTS AND RESIDENTS TEACHING AT WOMEN AND INFANTS HOSPITAL OF RHODE ISLAND

2016 Jonathan Wawire MD, East Africa Medical College, Nairobi, Kenya
Helmae Wubneh MD, PGY3 George Washington University, Washington, DC
2017 Melanie Wayand, MD, Tuebingen, Germany
2018 Matteo Parisotto, University of Bologna, Italy
Nils Nussle, Tuebingen, Germany

TEACHING CLINICAL AND PATHOLOGY FELLOW AT WOMEN AND INFANTS HOSPITAL OF RHODE ISLAND

Stuart C. Lauchlan Fellow in Gynecologic Pathology and Breast Pathology

2015-2014 Yun-An Tseng, DO
2015-2016 Elizabeth T. Kalife, MD
2016-2017 Whitney McCarthy MD
2017-2018 Mirna Podoll, MD

International Visiting Fellow in Women's Pathology

2013-2014 Long-Wei Lin MD, Taiwan
2014 Shabnam Akhter MD, Bangladesh
2015 Modupeola O. Samaila MD, Nigeria
2016 Taslima Hossein MD, Bangladesh
2016-2017 Berly Lucie Diaz-Gomez, MD, Colombia
2017-2018 Claire Hemedez, MD, Philippines
2017-2018 Fang-Yi Lee, MD, Taiwan

Gynecology Oncology fellows from Program in Women's Oncology of Women & Infants Hospital of Rhode Island

2013-2015 Emily K. Hill, MD
2013-2014 Yfat Kadan, MD
2013-2016 Elizabeth Lokich, MD
2013-2017 Anze (On-Shay) Urh, MD
2014-2018 Evelyn Cantillo, MD
2015-2019 Matthew T. Oliver, MD
2016-2020 Lindsey Beffa, MD
2017-2021 Jenna B. Emerson, MD

Breast Surgery fellow of Breast Health Center of Women and Infants Hospital of Rhode Island

2013-2014 Sarah Fogarty, MD
2014-2015 Sarah Pesek, MD
2015-2016 Rebecca Wight Kwait, MD
2016-2017 Elizabeth C Butler, MD

CURRICULUM VITAE
Kamaljeet Singh, M.D.

6/8/2018

2017-2018

Abby K. Geletzke, MD