

PUBLICATIONS:

A. Referred Original Article in Journal

1. Maleki Z, Lu R , Ali S, Shafique K, Song SJ, Baloch Z, Barkan GA, Jo V, Krane JF, Faquin WC, Rossi DE, Fadda G, Wiles A, Powers C, Lefler H, Nayar R, Kljanienko J, Callegari F, Qiswanathan K , Rao RA, Siddiqui M, Kholová I, Fatima A, **Wang H**, Pantanowitz L, Bongiovanni M, Pusztaszeri M. Application of the Milan System for Reporting Submandibular Gland Cytopathology: An International Multi-institutional Study; *Cancer Cytopathology* 2019.
2. Luo X, Khurana J, Jhala N, **Wang H**. The association of invasive cribriform lesions with adverse prostatic adenocarcinoma outcomes: an institutional experience, systematic review, and meta-analysis. *Arch Pathol Lab Med*. Arch Pathol Lab Med. 2019; oi: 10.5858/arpa.2017-0582-RA. [Epub ahead of print]
3. Luo X, Jhala N, Khurana JS, Fundakowski, C; Jhala DN, **Wang H**. Moving Toward a Systematic Approach for Reporting Salivary Gland Cytopathology: An Institutional Experience and Literature Review. *Arch Pathol Lab Med*. 2018; doi: 10.5858/arpa.2017-0283-RA. [Epub ahead of print].
4. Luo X, Jhala N, Zhao H, Khurana JS, **Wang H**. The Use of the Composit Biopsy Grade Score in the Outcome Prediction for Radical Prostatectomy. *Arch Pathol Lab Med*. 2018 accepted.
5. **Wang H**, Malik A, Maleki Z, Rossi ED, Bo P, Chandra A, Ali SZ, Fadda G, Wang J, Arab SE, Zhao H, Jhala N. "Atypical" Salivary Gland Fine Needle Aspiration: Risk of malignancy and Inter-Institutional Variability. *Diagnostic Cytopathology* 2017, 45:1088-1094.
6. Maleki Z, Arab SE, Rossi ED, Bo P, Chandra A, Ali SZ, Fadda G , Jhala N, **Wang H**. "Suspicious" Salivary Gland Fine Needle Aspiration: Risk of Malignancy and Inter-Institutional Variability. *Cancer Cytopathology* 2017 Oct 20; doi:10.1002
7. Zhou R, Wang X, Liu H, Guo L, Su Q, **Wang H**, Vasiliadis T, Ho W, Li J. GalNAc-Specific Soybean Lectin Inhibits HIV Infection of Macrophages through Induction of Antiviral Factors. *J Virol*. 2018; 26;92. pii: e01720-17.
8. William D. Cornwell, Cynthia Kim, Alejandra C. Lastra, Chandra Dass, Sudhir Bolla, **He Wang**, Frederick V. Ramsey, Nathaniel Marchetti, Thomas J. Rogers, Gerard J. Criner. Inflammatory Signature in Lung Tissues in Patients with Combined Pulmonary Fibrosis and. Biomarker. Accepted 2018
9. Xu Wang, **He Wang**, Man-Qing Liu, Jieliang Li, Yu Zhou, Yizhong Wang, Runhong Zhou, Wang Zhou, WENZHE HO. IFN-lambda Inhibits Drug-Resistant HIV Infection of Macrophages. *Front Immunol*. 2017; 8: 210-215.
10. **Wang H**, Hoda RS, Faquin W, Rossi ED, Hotchandani N, Sun T, Pusztaszeri M, Bizzarro T, Bongiovanni M, Patel V, Jhala V, Fadda G, Gong Y. Fine-needle aspiration biopsy of secondary nonlymphomatous malignancies in salivary glands: A multi-institutional study of 184 cases. *Cancer Cytopathology*. 2016 Dec 21. doi: 10.1002/cncy.21798. (selected as cover page featured article).
11. Liu S, Parajul S, Hotchandani N, Jhala N, Wang JL, Khurana JS, **Wang H**. Fine needle aspiration diagnosis of non-epithelial lesions of the major salivary glands. *Int J Clin Exp Pathol*. 2016; 9: 6877-6886.
12. Kelley TM, McCarthy J, **Wang H**, Carroll ND, Kashem M, Moser GW, Guy TS. Anterior Leaflet Augmentation with CorMatrix Extracellular Matrix in Twenty-Five Patients: Unexpected Patch Failures and Histologic Analysis. *Ann Thor Surg*. 2016 doi:10.1016/j.athoracsur.2016.05.090. [Epub ahead of print]

13. **Wang H**, Fundakowski C, Khurana J, Jhala N. Fine needle aspiration biopsy of salivary gland lesions: novel markers and proposed new cytopathologic classification system. *Arch Pathol Lab Med*. 2015;139:1491-7
14. Pusztaszeri M*, **Wang H***, Cibas ES, Powers CN, Bongiovanni M, Ali S, Khurana KK, Michaels PJ, Faquin WC. Fine-needle aspiration biopsy of secondary neoplasms of the thyroid gland: A multi-institutional study of 62 cases. *Cancer Cytopathol*. 2015;123:19-29.
 - Equal contributors to the article
15. Jiang H, **Wang H**, Wang S, Pei Z, Fu Z, Fang C, Wang J, Lu Q, Wang E, Li J. Expression of ERCC1, TYMS, RRM1, TUBB3, non-muscle myosin II, myoglobin and MyoD1 in lung adenocarcinoma pleural effusions predicts survival in patients receiving platinum-based chemotherapy. *Mol Med Rep*. 2015;11:3523-32.
16. Harbin A, Styskel B, Patel V, **Wang H**, Eun D. Collecting duct renal cell carcinoma found to involve the collecting system during partial nephrectomy: A case report. *J Kidney Cancer & VHL* 2015; 2:134-139.
17. **Wang H**, Tsang P, D Cruz C, Clarke K. Follow-up of breast papillary lesion on needle core biopsy: experience in African-American population. *Diagn Pathol*. 2014; 24; 9: 86.
18. **Wang H**, D'Cruz C, Yam DC, Dilla LM, and Tsang P. Learning curve of Endobronchial Ultrasound-guided Transbronchial needle aspiration: Experience from a non-university medical center. *Mol Med Rep* 2014, 10:2441.
19. Rajkumar A, Li J, D'Cruz C, Patel K, Patel P, Elreda, L, **Wang H**. Pure Signet-ring Cell Carcinoma of Lung by Fine Needle Aspiration in a Smoking Asian American: Case Report and Literature Review. *J Clin Exp Pathol* 2013; 4:155.
20. **Wang H**, Albadawi H, Siddiquee Z, Stone JM, Panchenko MP, Watkins MT, Stone JR. Altered vascular activation due to deficiency of the NADPH oxidase component p22phox. *Cardiovasc Pathol*. 2013: S1054-8807.
21. **Wang H**, Chen Y, Fernandez-Del Castillo C, Yilmaz O, Deshpande V. Heterogeneity in signaling pathways of gastrointestinal neuroendocrine cell tumors: A critical look at Notch signaling pathway. *Mod Pathol*. 2013;26:139-47.
22. Canberk S, Griffin AC, Goyal A, **Wang H**, Montone K, LiVolsi V, Baloch Z. Oncocytic follicular nodules of the thyroid with or without chronic lymphocytic thyroiditis: An institutional experience. *CytoJournal*2013,10:2. .
23. Okon E, Bishburg E, Ugras S, Chan T, **Wang H**. Clostridium perfringens meningitis, Plesiomonas shigelloides sepsis: A lethal combination. *Am J Case Report* 2013; 14:70-72.
24. Chen XW, **Wang H**, Bajaj K, Zhang P, Meng ZX, Ma D, Bai Y, Liu HH, Adams E, Baines A, Yu G, Sartor MA, Zhang B, Yi Z, Lin J, Young SG, Schekman R, Ginsburg D. SEC24A Deficiency Lowers Plasma Cholesterol through Reduced PCSK9 Secretion. *eLife* 2013;2:e00444
25. Pei ZT, Wang SY, **Wang H**. Rare Breast Granular Cell Tumor with Alpha-1 Antitrypsin Expression: A Case Report and Literature Review. *NA J Med Sci*. 2013;6:103-106.
26. **Wang H**, Smith RN, Spooner AE, Isselbacher EM, Cambria RP, MacGillivray TE, Stone JH, Stone JR. Giant cell aortitis of the ascending aorta without systemic symptoms of vasculitis and the risk of subsequent distal aortic events. *Arthritis Rheum*. 2012; 64:317-9.
27. Tao J, Zhu M, **Wang H**, et al. SEC23B is required for the maintenance of murine professional secretory tissues. *Proc Natl Acad Sci U S A*. 2012;109: E2001-9.

28. **Wang H**, Rao A, Lafranco A, Vachani A, Hass A, Gupta P. Cell block examination is critical for sarcoidosis diagnosis by endobronchial ultrasound-guided mediastinal lymph node fine needle aspiration. *N A J Med Sci.* 2012; 5:198-202.
29. Newton-Cheh CH, Lin AE, Baggish AL, **Wang H**. Case record of Massachusetts General Hospital. A 47-year-old man with systemic lupus erythematosus. *NEJM* 2011; 364:1450-60.
30. Lin JR, **Wang H**, Stone JR. Tongue necrosis and systemic vascular amyloidosis. *Human Pathology* 2011; 42: 734-737.
31. Fahim AT, **Wang H**, Feng J and D Ginsburg. Transgenic expression of a stable variant of plasminogen activator inhibitor-1 causes no apparent spontaneous thrombosis. *Thrombosis Res* 2009; 123:785-792.
32. **Wang H**, Keiser JA, Olszewski B, and Gordon D. Dose-dependent pro-angiogenic effect of CI-1023 in a rat hindlimb ischemic model. *Pharmacol & Toxicol* 2004, 96:321-328.
33. **Wang H**, Keiser JA, Olszewski B, Kovesdi I and Gordon D. Delayed angiogenesis in aging rats and therapeutic effect of adenoviral gene transfer of VEGF. *Int J Mol Med*, 2004, 13: 435-442.
34. **Wang H**, Olszewski B, Wendy Rosebury, Andrew Robertson, Keiser JA, David Gordon. Impaired angiogenesis in SHR is associated with decreased KDR and MT1-MMP expression. *BBRC* 2003, 315: 363-368.
35. **Wang H**, Song Y, Gordon D, Alavi MZ, Moore S. Expression of metalloproteinases and its inhibitor in later stage of rabbit neointima development. *Int J Mol Med*, 2001, 7: 105-112.
36. **Wang H**, Gordon D, Olszewski B, Kovesdi I and Keiser JA. Rat sponge implant model: A new system for evaluating angiogenesis gene transfer. *Int J Mol Med*, 2000, 6: 645-653.
37. **Wang H** and Keiser JA. Hepatocyte growth factor enhances MMP activity in human endothelial cells. *BBRC*, 2000, 272: 900-905.
38. **Wang H** and Keiser JA. VEGF upregulates MMP expression in arterial SMCs: Roles of flt-1. *Cir Res* 1998, 83: 832-840.
39. **Wang H** and Keiser JA. Molecular characterization of rabbit CPP-32 and its function in vascular smooth muscle cell apoptosis. *Am J Physiol* 1998, 274 (Heart Circ. Physiol. 43): H1132-H1140.
40. **Wang H** and Keiser JA. Expression of membrane-type matrix metalloproteinase in rabbit neointimal tissue and its correlation with MMP-2 activation. *J Vasc Res*, 1998, 35:45-54.
41. **Wang H**, Moore S, Alavi MZ. Expression of Syndecan-1 in rabbit neointima following de-endothelialization by a balloon catheter. *Atherosclerosis*, 1997, 131:141-147.
42. **Wang H**, Alavi MZ, Moore S. Synthesis of tissue inhibitor of metalloproteinase-1 in rabbit aortic neointima after selective deendothelialization. *Atherosclerosis*, 1996, 126: 95-104.
43. **Wang H**, Zhihe L, Moore S, Alavi MZ. Collagen biosynthesis by neointimal smooth muscle cells cultured from rabbit aortic explants after de-endothelialization. *Int J Exp Pathol* 1998, 79:47-53.

B. Books, Monographs and Chapters

1. Xu H, **Wang H** and Qian X: *Manual of Practical Cytology: Frequently Asked Questions*. 1st edition, Springer Science and Business Media, Philadelphia, PA 19106; 2018

2. Jiang H, Arab S, Gong Y, **Wang H**. Chapter 5: Salivary gland FNA. In: Manual of Practical Cytology: Frequently Asked Questions. 1st edition, Editor: Xu H, Wang H and Qian X Springer Science and Business Media, Philadelphia, PA 19106; 2018
 3. Zhou J, Wang H, Jhala N. Chapter 1 5: FNA of liver. In: Manual of Practical Cytology: Frequently Asked Questions. 1st edition, Editor: Xu H, Wang H and Qian X Springer Science and Business Media, Philadelphia, PA 19106; 2018
 4. Kuklani R, Malik A, Montone K, **Wang H**. Chapter 1: Nasal Cavity and Paranasal Sinuses. In: Practical Head and Neck Pathology: Frequently Asked Questions. 1st edition, Editor: Range D and Jiang X. Springer Science and Business Media, Philadelphia, PA 19106; 2018
 5. Rossi ED, Ali S, Chandra A, Field A, Gong Y, Maleki Z, Ping B, **Wang H**: Chapter 6: Suspicious for malignancy. In: Milan System of Salivary gland Classification 1st edition, Editor: Faquin W and Rossi DE. Springer Science and Business Media, Philadelphia, PA 19106; 2018
 6. Barkan GA, Vielh P, Pambuccian S, Wojcik EM, Mehrotra S, **Wang H**, Al-Abbadi MA. Chapter 7: Positive for malignancy. In: Milan System of Salivary gland Classification 1st edition, Editor: Faquin W and Rossi DE. Springer Science and Business Media, Philadelphia, PA 19106; 2018
 7. Laurie E. Kilpatrick, Chandra Dass, **He Wang**, and Gerard J. Criner. Chapter 49: Acute respiratory distress syndrome (ARDS). In: Essentials of Clinical Pulmonology. 1st edition, Editors: Shah P, Lee G, Herth F, Criner J. CRC Press, October 1, 2018; ISBN 9781444186468 - CAT# K17673
 8. Kosmider B, Bahmed K, Zeng X, **Wang H**, Rogers T. Chapter 2: Pathology. In: Essentials of Clinical Pulmonology. 1st edition, Editors: Shah P, Lee G, Herth F, Criner J. CRC Press, October 1, 2018; ISBN 9781444186468 - CAT# K17673
 9. **Wang H**, Malik A, Gong Y. Chapter 1: Salivary gland FNA. In: Atlas of Non-GYN Cytopathology. 1st edition, Editor: Jing X, Siddiqui A, Li K. Springer Science and Business Media, Philadelphia, PA 19106; 2018
- C. Other Articles (Reviews, Editorials, etc.) In Journals; Chapters; Books; other Professional
1. Wang H and Jhala N. The Evolving Field of Cytopathology and Its Expanding Role in Pathologic Practice. Arch Pathol Lab Med. 2019 accepted
 2. Cinar I, **Wang, H** and Stone, JR. Clinically isolated aortitis: pitfalls, progress, and possibilities. Cardiovas Pathol 2017 Accepted.
 3. Escalante DA, **Wang H**, Fundakowski C. Fusion proteins in head and neck neoplasms: clinical implications, genetics, and future directions for targeting. Cancer Biology & Therapy 2016; 15: 1-8.
 4. Mamone L & **Wang H**. Emerging Markers from Molecular Studies: Application into Routine Salivary Gland Fine Needle Aspiration Biopsy Practice. J Clin Exp Pathol 2016; 6: e122. doi:10.4172/2161-0681.1000e122
 5. Zhao L, Grosser T, Fries S, **Wang H**, Zhao J, and Falotico R. Lipoygenase and prostaglandin G/H synthase cascade in cardiovascular disease. Exp Rev Clin Immunol 2006; 2:649-658.

Abstracts

1. Aisha Fatima, Jie-gen Jiang, Malik Deen, Bei You, Patricia DeAngelo, Neena Mirani, and He Wang. Next generation sequencing identified novel fusion partners for HMGA2 and PLAG1 genes in salivary gland pleomorphic adenomas. USCAP, National Harbor, MD, 2019
2. He Wang, Ryan Cristelli, Sumi Thomas, Kathriel Brister. Percutaneous biopsy of renal mass: FNA shows a better diagnostic rate than core needle biopsy. ASC, Washing DC, 2018
3. Kathriel Brister, Fatima Aisha, He Wang. EBUS fine needle aspiration and core biopsy of mediastinal lymph nodes: FNA shows a better diagnostic rate than core needle biopsy. ASC, Washing DC, 2018
4. Maleki Z, Faquin W, Fatima A, Wang H, Puztaszeri M. Fine needle aspiration of submandibular salivary gland: risk of malignancy and risk of neoplasma. ASC, Washing DC, 2018
5. Doxtader EE, Wang H, Zhang YX. Primary Salivary Gland Tumors of the Tracheobronchial Tree Diagnosed by Transbronchial Fine Needle Aspiration: Clinical and Cytomorphologic Features with Histopathologic Correlation. ASC, Phenix, AZ, 2017
6. Dotan Y, Wang H, Chakraborty B, Stewart J, Shenoy K, Marchetti N, Cordova F, Criner GJ, Mamary AJ. Pulmonary vascular histopathology in explanted end-stage parenchymal lung disease. American Thoracic Society annual meeting 2017, Washington DC (May 19, 2017)
7. Malik A, Maleki A, Zhao H, Rossi ED, Bo P, Ashish C, Arab SE, Jhala N, Ali SZ, Fadda G, Wise O, Patel V, Wang H. Inter-institutional variability of “Atypical” Salivary Gland Fine Needle Aspiration: A Multi-institutional Study . USCAP 2017, San Antonia, TX
8. Arab SE, Maleki Z, Zhao H, Rossi ED, Bo P, Ashish C, Malik A, Jhala N, Ali SZ, Fadda G, Wise O, Wang J, Wang H. Inter-institutional variability for Malignancy in “Suspicious” Salivary Gland Fine Needle Aspiration: A Multi-institutional Study. USCAP 2017, San Antonia, TX
9. Chakraborty B, Hamad E, Vasiliadis T, Choksi R, Liu S, Mamone L, Jhala N, Wang H. S100a1 Levels Predict Cardiac Functional Recovery After LVAD Implantation. USCAP 2017, San Antonia, TX
10. Patel V, Wu C, Luo X, Jhala N, Khurana JS, Huang J, Wang H. Up-regulation of PLAG1 and HMGA2 mRNA in Salivary Gland Neoplasms. USCAP 2017, San Antonia, TX
11. Wang H, Rossi ED, Ashish C, Bo P, Wang J, Jhala N, Ali SZ, Fadda G, Wise O, Khurana JS, Maleki Z. Risk Stratification for Malignancy in “Atypical” and “Suspicious” Salivary Gland Fine Needle Aspiration: A Multi-institutional Study. ASC, New Orleans, LO 2016
12. Hamad EA, Jhala N, Vasiliadis T, Amer K, Alvarez R, Toyoda Y, Wang H. Ventricular Unloading and Improved Oxygen Delivery with LVAD Support Correlates with an Increase in Angiogenesis and TIE-1 Expression. AHA Scientific meeting 2016 New Orleans (November 14, 2016)
13. PATEL V, Luo X, Wu C, Jhala N, Huang J, Khurana J, Wang H. Up-regulation of PLAG1 and HMGA2 mRNA in Pleomorphic adenomas. CAP 2016 Las Vegas (September 27, 2016)
14. Back S, Raza F, Patel P, Wang H, Alvarez R. Acute Heart Failure Secondary to Cardiac Amyloidosis: A Case Series. Heart Failure 2016-European Society of Cardiology, Florence, Italy (May 21-24, 2016).
15. Wang H, Hoda R, Faquin W, Ross ED, Hotchandani N, Sun T, Puztaszeri M, Bizzarro T, Bongiovanni M, Patel V, Jhala N, Gong Y. Secondary malignancies in salivary glands: A

multi-institutional FNA cohort from trans-Atlantic academic institutions. USCAP 2016, Seattle, WA (March 14, 2016).

16. Wang J, Vasiliadis T, Hamad E, Wang X, Li J, Liu X, Jhala J, Wang H. Effect of Ventricular Unloading on Capillary density in Human Heart. USCAP 2016, Seattle, WA.
17. Qiu J, Vasiliadis T, Wang X, Li J, Liu X, Jhala N, Wang H. Myocardial Capillary Density in Left and Right Ventricles of Explanted Hearts from Patients with Short and Long Duration of Heart Transplantation. USCAP 2016, Seattle, WA (best poster finalist of SCVP 2016).
18. Bhattacharyya S, Liu S, Jhala N, Wang, H. Clinicopathologic Experience with Mitral Valve Repairs using CorMatrix ECM® Technology. USCAP 2016, Seattle, WA.
19. Shih A, Muzikansky P, Bozkartler B, Chung Z, Minami B, Hariri B, Moreira T, Uruga W, Wang H, Yoshizawa W, Mino-Kenudson M. Reproducibility in Classification of Small Lung Adenocarcinomas: An International Interobserver Study. USCAP 2016, Seattle, WA.
20. William D. Cornwell, Cynthia Kim, Alejandra Lastra, Chandra Dass, Sudhir Bolla, He Wang, Nathaniel Marchetti, Thomas J. Rogers, Gerard J. Criner. Relationship between Systemic and Localized Inflammatory Protein Expression in Combined Pulmonary Fibrosis and Emphysema (CPFE), Interstitial Pulmonary Fibrosis, and Emphysema. ATS 2016, San Francisco, CA
21. Alejandra C. Lastra, Cynthia Kim, William D. Cornwell, Chandra Dass, Sudhir Bolla, Thomas J. Rogers, He Wang, Nathaniel Marchetti and Gerard J. Criner. Combined Pulmonary Fibrosis and Emphysema: A Novel Evaluation of Lung Tissue Proteins. ATS 2016, San Francisco, CA
22. Wang H, Jhala N, Khurana J, Fundakowski C. A novel cytopathological reporting system for salivary gland fine needle aspiration-Temple experience. 39th European Congress of Cytology. September 21, 2015. Milan, Italy.
23. Hotchandani N, Zhou H, Wang H, Jhala N. Risk Prediction of Atypia in Urine Cytology: An Institutional Review. ASC Annual Meeting 2015, Chicago, IL.
24. Kolman D, Korotun M, Wang H, Shiose A, Toyoda Y, Marchetti N, Criner GJ, Ciccolella DE, Cordova FC. Does ECMO contribute to acute lung injury in acute IPF exacerbation? Annual Meeting of American Thoracic Society 2015, United States of America, Denver, 15 - 20 May 2015.
25. Kelley TM, McCarthy J, Wang H, Carroll ND, Kashem M, G Moser W, Toyoda Y, Wheatley GH, Kaiser L, Guy TS. Anterior Mitral Valve Leaflet Augmentation Repair in Type III Mitral Regurgitation: Lessons Learned. AATS 2015, Seattle, WA April 25 - 29, 2015
26. Parajuli S, Hotchandani N, Liu S, Wang H. Fine needle aspiration cytology of lymphoproliferative lesions involving the major salivary glands. ASC Annual Meeting 2014, Dallas, TX.
27. Liu S, Hotchandani N, Parajuli S, Zhang X, Khurana J, Wang H. Fine needle aspiration cytology in diagnosis of spindle cell lesions of salivary glands. ASC Annual Meeting 2014, Dallas, TX.
28. Hotchandani N, Parajuli S, Liu S, Khurana J, Wang H. Secondary neoplasms of the salivary glands: A review of 6 cases. CAP Annual Meeting 2014 Chicago, IL [Abstract published in Arch Path Lab Med Sep 2014; 138 (9): e138 (abstract # 3)].
29. Wang J, Patel V, Wang H. Follow-Up of “Atypical” Salivary Gland Fine Needle Aspiration: an Institutional Experience ASCP 2014 Annual Meeting, October 8-10, 2014, in Tampa

30. Zhou H, Wang H, Zhang X. Fine Needle Aspiration Cytology of Thyroid Nodular Lesions: A 14-year's Experience in Diagnosis and Surgical Follow-up of a University Hospital. ASC Annual Conference, 2014 Dallas, TX
31. Wang H, Lin Q, Chen W, D'Cruz C. Vimentin is a useful and reliable marker to differentiate neuroblastoma from other small round blue cell tumors. 2013 Society for Pediatric Pathology, Salt Lake City
32. Wang H, D'Cruz C, and Tsang P. Follow-up of breast papillary lesion on needle core biopsy: Experience in African-American population. 2013 USCAP, Baltimore.
33. Wang H, D'Cruz C, Yam DC, Dilla LM, and Tsang P. Learning curve of Endobronchial Ultrasound-guided Transbronchial needle aspiration: Experience from a non-university medical center. Poster presentation ASCP2012 Boston.
34. Wang H, Rao A, Lafranco A, Vachani A, Hass A, Gupta P. Cell block examination is critical for sarcoidosis diagnosis by endobronchial ultrasound-guided mediastinal lymph node fine needle aspiration. Poster presentation ASC 2011 Baltimore. Published in *Cancer Cytopathology*; 2011.
35. Wang H, Michaels P, Cibas E, Khurana K, Ali S, Bongiovanni M, Powers C and Faquin W. FNAB of secondary neoplasms of the thyroid gland: A multi-Institutional study of 60 Cases. Poster presented in USCAP 2010. Published in *Mod Pathol* 24 (suppl 1): 109A, 2011
36. Wang H, Chen Y, Deshpande V. Heterogeneity in signaling pathways of gastrointestinal neuroendocrine cell tumors: A critical look at Notch signaling pathway. Poster presented in USCAP 2010. Published in *Mod Pathol* 24 (suppl 1): 172A, 2011.
37. Wang, H., Smith, R.N., Stone, J.R: Ascending Giant Cell Aortitis without Systemic Symptoms Is Associated with an Increased Frequency of Subsequent Distal Aortic Events. Poster presentation at USCAP 2009. Published in *Mod Pathol* 23(suppl 1): 85A, 2010.
38. Wang, H., Gordon, D: Spontaneous Angiogenesis in Human Ischemic Hearts Is Not Clearly Correlated with VEGF Gene Expression. Poster presentation at USCAP 2007. Published in *Mod Pathol* 21 (Suppl 1): 61A, 2008.
39. Song YL, McDuffie E, Sobocinski G, Wang H, Albassam M. Profiling of human endothelial cells, human aortic smooth muscle cells and human macrophage responses to lipopolysaccharide stimulation using protein microarray. *Proceedings of Society of Toxicology* 2002, Nashville
40. Wang H, Olszewski B, Rosebury W, Robertson A, Keiser JA. Dose-dependent pro-angiogenic effect of AdVEGF121 in a rat hindlimb ischemic model. *Cardiovasc Drugs & Therapy* 2002, 37: 47.
41. Wang H, Keiser JA, Olszewski B, Song YL, Rosebury W, Robertson A, Kovesdi I, Gordon D. The delayed angiogenesis in aged rats can be accelerated by adenoviral gene transfer of VEGF. *Circulation* 1999, 100: I-407.
42. Wang H, Keiser JA. Molecular characterization of rabbit CPP32 and its function in vascular smooth muscle cell apoptosis. *Circulation* 1997, 96: I-418.
43. Wang H, Keiser JA. Membrane-type matrix metalloproteinase in rabbit neointima. *IBC's International Conference on Matrix Metalloproteinase in Tissue Remodeling*, San Francisco, CA. 1997, pp.102.
44. Wang H, Moore S, Alavi MZ. Metalloproteinases and their inhibitors in rabbit neointimal development. *Atherosclerosis* 1997, 134: 261.

45. Wang H, Alavi MZ, Moore S. Characterization of rabbit arterial tissue inhibitor of metalloproteinase (TIMP-1). *Clin Invest* 1995, 156: 114.
46. Wang H, Alavi MZ, Moore S. Expression of Syndecan-1 is increased in cultured neointimal SMCs. *Atherosclerosis* 1994, 109: 106.
47. Wang H, Alavi MZ, Moore S. Collagen gene expression in smooth muscle cell of re-endothelialized neointima of rabbit. *FASEB J* 1994, 8:A463.
48. Alavi MZ, Wang H, Moore S. LDL enhances PDGF-B receptor gene expression in smooth muscle cell of re-endothelialized neointima of rabbit. *FASEB J* 1994, 8:A48.

PRESENTATIONS:

A. Scientific (Basic Science):

1. Wang H. Identification of biomarkers for atherosclerosis. Human Biomarker Center, GlaxoSmithKline, Philadelphia, PA February 16, 2003.
2. Wang H. Gene therapy approach for angiogenesis. Department of Pharmacology, University of Michigan, Ann Arbor, MI. January 16, 2002.
- 3.. Wang H. PET plus macrophage tracers: A biomarker to measure efficacy of anti-atherosclerosis compounds in vivo. Department of Radiology, University of Michigan, Ann Arbor, MI, November 12, 2001.
- 4.. Wang H. Matrix metalloproteinases and their inhibitors in rabbit arterial restenosis. University of Michigan, Department of Dermatology, MI. April, 1996.
5. Wang H. Matrix metalloproteinases and collagen metabolism in arterial restenosis. American Red Cross, Holland laboratories, Rockville, MD. May, 1996.

B. Professional (Clinical):

1. **Wang, H.** Salivary gland cytopathology: Ancillary tests and case discussion. Rutgers Head and Neck Pathology Symposium, New Brunswick, NJ, February 2, 2019
2. **Wang, H.** Pathological evaluation of heart failure treatment: Left Ventricular Assisted Device and more. Grand round, RWJMS Pathology Department. New Brunswick, NJ, October 25, 2018
3. **Wang, H.** Milan system of Salivary gland cytopathology: Recent progress and case discussion. 16th Annual Chinese Cytopathology meeting. Changsha, China (June 14-16), 2018
4. **Wang, H.** Hot topic: Salivary gland cytopathology: Milan system and More. Webinar Presentation for American Society of Cytopathology. February 2018
Wang H. Salivary gland FNAB: Evidence-based re-classification. 15th Annual Chinese Cytopathology meeting. Xining, China (June 16-19, 2017)
5. **Wang H.** Bile duct brushing cytology: Cytohistologic/FNA correlation and diagnostic pitfalls. Webinar Presentation for American Society of Cytopathology. Feb. 10, 2017.
6. Baloch Z, Chandra A, Rossi D and **Wang H.** Update on “suspicious for malignancy” category in TBSRTC. 19th International congress of cytology. Yokohama, Japan (May 28-June 1, 2016)
7. **Wang H.** Challenging cases of thoracic fine needle aspiration. Annual Educational meeting of CAPA (November 2016).

8. **Wang H.** Risk of malignancy of “atypical” and “suspicious” salivary gland FNA diagnosis: multi-institutional study. Pathology symposium of ACAP (May 22, 2016).
9. Wang, H: Pseudomyxoma peritonei: cytomorphologic findings and clinicopathologic correlates. Webinar Presentation for American Society of Cytopathology. February 2016
10. **Wang H.** Fine needle aspiration of thyroid and salivary gland lesion: from morphology to molecular tests. 5th Annual Meeting of Chinese Pathologists. November 7, 2015. Kunming, China
11. Wang, H. Salivary gland FNA: Cytomorphology and molecular assays. Annual meeting of Chinese Pathologist Association. November 2015, Kunming, China.
12. Wang, H: Paris system of urine cytology. Webinar Presentation for American Society of Cytopathology. August 2015.
13. Wang, H: Molecular diagnostic testing of cytology specimens: current applications and future consideration, Webinar Presentation for American Society of Cytopathology. November 2014.
14. **Wang H.** New classification of lung adenocarcinoma. Department of Radiology, Temple University Hospital, Philadelphia, PA January 3, 2014.
15. **Wang H.** Highlights of Joint disease pathology. NJ Rheumatology Society meeting, Newark, NJ, February 12, 2013.
16. **Wang H.** Update on the pathology of scleroderma. NJ Rheumatology Society meeting, Newark, NJ, October 8, 2013.
17. Amin S, Atkinson J, Burke M, Fallon J, Halushka M, Kearney D, Maleszewski J, Mitchell R, Wang H. Acute Cellular Rejection Tutorial. 2012, Society for cardiovascular Pathology. <http://scvp.net/acr>
18. **Wang H.** Update on the pathology of systemic lupus erythematosus. NJ Rheumatology Society meeting, Newark, NJ, September 11, 2012.
19. **Wang H.** Update on ACAN-related vasculitis. NJ Rheumatology Society meeting, Newark, NJ, March 13, 2012.
20. **Wang H.** Update on giant cell arteritis. NJ Rheumatology Society meeting, Newark, NJ, November 8, 2011.