

JINING FENG, M.D., PH.D.

Associate Professor, Department of Pathology and Laboratory Medicine
Oakland University William Beaumont School of Medicine

Genitourinary Pathologist
Corewell Health East System, Royal Oak
Email: jining.feng@corewellhealth.org
Office: 248-898-5185

ADDRESS

Corewell Health East
Research Institute
3811 West Thirteen Mile Road
Royal Oak, MI 48073

EDUCATION AND TRAINING

- 09/1981 – 07/1987 M.D. Beijing Medical University, 1987, Graduated with high honors
6 years combined undergraduate / graduate degree program, Beijing, China
- 08/1989 – 02/1995 Ph.D. Molecular Genetics, Biochemistry and Microbiology, 1995
University of Cincinnati, College of Medicine, Cincinnati, OH
- 07/1998 – 06/2002 Residency, Anatomic and Clinical Pathology
Wayne State University / Detroit Medical Center, Detroit, MI
- 07/2002 – 06/2003 Cytopathology Fellowship, Anatomic Pathology
Beaumont Health Royal Oak, Royal Oak, MI
- 10/1987 – 07/1989 Molecular Genetics and Diagnosis
Beijing Union Medical College, Beijing, China
- 03/1995 – 02/1996 Stay Home
- 03/1996 – 05/1998 Postdoctorate / Research Training
Howard Hughes Medical Institute, University of Michigan, Ann Arbor, MI

LICENSURES AND CERTIFICATIONS

- 1996 ECFMG Certification
- 2002 American Board of Pathology, Anatomic and Clinical Pathology
- 2003 American Board of Cytopathology
- 2001 State of Michigan, Board of Medicine, #430172809

PROFESSIONAL MEMBERSHIPS

- 2000 – present United States and Canadian Academy of Pathology (USCAP)
- 2002 – present American Society of cytopathology (ASC)
- 2000 – present Michigan Society of Pathologists (MSP)
- 2010 – present College of American Pathologists (CAP)

PROFESSIONAL, ACADEMIC, ADMINISTRATIVE, AND CLINICAL POSITIONS

Academic Positions

- 07/2003 – 10/2008 Assistant Professor, Department of Pathology
Wayne State University School of Medicine, Detroit, MI
- 01/2009 – 10/2010 Associate Professor, Department of Pathology
Wayne State University School of Medicine, Detroit, MI
- 10/2010 – present Associate Professor, Department of Pathology and Laboratory Medicine
Oakland University William Beaumont School of Medicine, Rochester, MI

Wayne State University School of Medicine

- 2003 – 2010 Instructor, Pathobiology Laboratory Units, Second Year Medical Class
- 2003 – 2010 Instructor, Pathophysiology Laboratory Units, Second Year Medical Class
- 2003 – 2010 Lecturer, Cytotechnology School Students. Pathology and FNA of Head & Neck,
Salivary Gland, Liver, Lymph Node and Neuroendocrine Tumors

Wayne State University, Detroit Medical Center, Pathology Residency Training Program

- 2003 – 2010 Day to day teaching interactions with residents through cytopathology and
surgical sign out and also FNA procedure and triage, frozen section and gross
room supervision (average 3 contact hours per day).
- 2003 – 2010 Day to day teaching interactions with cytopathology fellow through
cytopathology sign out and FNA procedure and triage (average 3 contact
hours per day).
- 2003 – 2010 Didactic teaching sessions to resident and fellows in FNA of Salivary Gland,
Liver, Head & Neck and Neuroendocrine Tumors.
- 2003 – 2010 Monthly cytopathology unknown conference

Clinical Positions

- 07/2003 – 10/2010 Staff Pathologist
Detroit Medical Center, Harper / Hutzel Hospital, Karmanos Cancer Center,
Detroit Receiving Hospital, Detroit, MI
- 10/2010 – present Staff Pathologist
Corewell Health East, Royal Oak, Troy and Grosse Pointe, MI
- 02/2019 – present System Medical Director, Cytopathology,
Corewell Health East Royal Oak, Royal Oak, MI

William Beaumont University Hospital

- 2010 – now Interactions with residents through surgical pathology sign out including
frozen section and gross room supervision.

2010 – now	Interactions with cytopathology fellow and/ or resident through cytopathology rotation and sign out.
2010 – now	Didactic lectures/teaching sessions to residents in prostate, cervix, thyroid, adrenal gland and parathyroid gland.
2010 – now	Unknown Pathology conference, 2-3 per year.

INVITED LECTURES

May 21, 2005	“Specimen adequacy and triage of bloody ThinPrep specimen and reflex HPV DNA testing.” Michigan Society of Cytopathology, Livonia, MI
October 13, 2007	“Pitfalls of FNA of Salivary Gland Tumors”. Contemporary Issues in Surgical Pathology Wayne State University Pathology Course, Dearborn, MI
October 3 , 2009	“Case presentation of uncommon tumors in pancreas” Contemporary Issues in Surgical Pathology, Wayne State University Pathology Course, Dearborn, MI

PUBLICATIONS

Refereed Journals

Shen Y, Wu GY, Wang SW, Liu JZ, **Feng J**, Liu Y. et al. Study on BclII / St14 RFLPs in Chinese for DNA diagnosis for hemophilia A. *Sci China B*. 1990. 33:430-434.

Feng J, et al Gene Diagnosis of Hemophilia A by PCR. *ACTA Academiae Medicinae Sinicae*. 1991, 13: 384-388.

Wu GY, Sheng Y, **Feng J**, et al, Prenatal Diagnosis of Hemophilia A by DNA Analysis. *ACTA Academiae Medicinae Sinicae*. 1991, 13: 428-434.

Feng J, Orłowski J, and Lingrel JB Identification a Functional Thyroid Hormone Response Element in the 5' Region of the Human Na,K-ATPase α subunit. *Nuclear Acid Research*. 1993, 2: 2619-2626.

Feng J and Lingrel JB. Analysis of Amino Acid Residues in the H5-H6 Transmembrane and Extracellular Domains of Na,K-ATPase α Subunit Identifies Threonine 797 as a Determinant of Ouabain Sensitivity. *Biochemistry*. 1994, 33: 4218-4224.

Feng J and Lingrel JB. Functional Consequences of Substitutions of Glu779 of the Na,K-ATPase. *Cell. Mol. Biol. Res*. 1995, 41: 29-37.

Argüello JM, Peluffo RD, **Feng J**, Lingrel JB, Berlin JR. Substitution of glutamic 779 with alanine in the Na,K-ATPase alpha subunit removes voltage dependence of ion transport. *J Biol Chem*. 1996, 271: 24610-6.

Feng J, Adsay NV, Kruger M, Ellis KL, Nagothu K, Majumdar AP, Sarkar FH. Expression of ERP in Normal and Neoplastic Pancreata and Its Relationship to Clinicopathologic Parameters in Pancreatic Adenocarcinoma. *Pancreas*. 2002, 25: 342-349.

Adsay NV, Basturk O, Bonnett M, Kilinc N, Andea AA, **Feng J**, Che M, Aulicino MR, Levi E, Cheng JD. A Proposal for a New and More Practical Grading Scheme for Pancreatic Ductal Adenocarcinoma. *Am J Surg Pathol*. 2005, 29:724-733.

Feng J and Husain M. Reflex High Risk HPV DNA Testing (Hybrid Capture 2) of Bloody ThinPrep Specimens with ASC-US Interpretation: Does Pretreatment with Acetic Acid Affect Test Performance? *Cancer Cytopathology*. 2005, 105:452-456.

Fathallah L, Tulunay O, **Feng J**, Husain M, Jacobs J, Al-Abadi MA. Histologic and Cytologic Diagnosis Discrepancies in Head and Neck Region: Pitfalls, Causes and Preventive Strategies. *Otolaryngology-Head and Neck Surgery*. 2006, 134: 302-308.

Baig MA, Fathallah L, **Feng J**, Husain M, Grignon DG, Al-Abadi MA. Fast Drying of Fine Needle Aspiration Slides Using a Hand Held Fan: impact on turn around time and staining quality. *Cytojournal*. 2006, 3:12.

Bandyopadhyay S, Pansare V, **Feng J**, Ali-Fehmi R, Bhan R, Husain M, Al-Abadi MA. The Frequency and Rationale of Fine Needle Aspiration Biopsy Conversion to Core Biopsy as a Result of Onsite Evaluation. *Acta Cytology*. 2007, 51:161-167.

Pansare V, Bandyopadhyay S, **Feng J**, Bhan R, Joyrich R. Husain M, Al-Abadi MA. Fine Needle Aspiration Biopsy Outcomes of Masses Detected by Positive Emission Tomography: Correlation with Standard Uptake Value. *Acta Cytology*. 2007, 51: 509-516.

Feng J and Husain M. Outcomes of Women with ASCUS Interpretation and Positive for High Risk HPV DNA. A single institution two-year follow up study. *Acta Cytology*. 2007, 51: 730-734.

Arabi, MH, Yousef N, Bandyopadhyay S, **Feng J**, Yoo GH, Al-Abadi MA. Fine Needle Aspiration of Head and Neck Masses in the Operating Room: Accuracy and Benefits on Patient Triage. *Diagnostic Cytopathology*, 2008, 36:369-374.

Feng J, Al-Abadi MA, Bandyopadhyay S, Salimnia H, Husain M. Significance of High Risk HPV DNA Positive ASC-US Pap in Peri- and Postmenopausal Women. *Acta Cytol*. 2008, 52:434-438.

Feng J, Bernacki EG. Intraoperative Cytologic Evaluation of Sentinel Lymph Nodes in Patients with Breast Carcinoma by Scrape Preparation. *Diagnostic Cytopathology*. 2008, 36: 790-793.

Arabi MH, Yousef N, **Feng J**, Bandyopadhyay S, Al-Abadi MA. Immediate Wet Preparation: Accuracy and Added Value of Triage Beyond Segregating Potentially Neoplastic Effusions. *Acta Cytol*. 2009; 53:71-76.

Fahim AT, Wang H, **Feng J**, Ginsburg D. Transgenic Overexpression of a Stable Plasminogen Activator Inhibitor-1 Variant May Cause Early Lethality in Mice. *Thrombosis Research*. 2009, 123:785-792.

Saleh H, **Feng J**, Husain M, Giorgadze T. Differential Expression of Galectin-3, CK19, HBME1 and Ret Oncoprotein in the Diagnosis of Thyroid Neoplasms by Fine Needle Aspiration Biopsy. *Cytojournal*. 2009/6/1/18/55894.

Han L, Pansare V, Al-Abadi MA, Husain M, **Feng J**. Combination of MUC5ac and WT-1 Immunohistochemistry is Useful in Distinguishing Pancreatic Ductal Carcinoma from Ovarian Serous Carcinoma in Effusion Cytology. *Diagnostic Cytopathology*, 2010; 38: 333-336.

Dursun N, **Feng J**, Basturk O, Bandyopadhyay S, Cheng JD, Adsay VN, Vacuolated cell pattern of pancreatobiliary adenocarcinoma: a clinicopathological analysis of 24 cases of a poorly recognized

distinctive morphologic variant important in the differential diagnosis. *Virchows Arch.* 2010; 457: 643-9.

Guan H, Semaan A, Bandyopadhyay S, Arabi H, **Feng J**, Fathallah L, Pansare V, Qazi A, Abdul-Karim F, Morris RT, Munkarah AR, Ali-Fehmi R. Prognosis and reproducibility of new and existing binary grading systems for endometrial carcinoma compared to FIGO grading in hysterectomy specimens. *Int J Gynecol Cancer.* 2011; 21:654-60.

Sethi S, Geng L, Shidham V B, Archuletta P, Bandyopadhyay S, **Feng J**, Madan S, Shi D, Tranchida P, Giorgadze T. Dual color multiplex TTF-1+ Napsin A and p63+ CK5 immunostaining for subcategorizing of poorly differentiated pulmonary non-small carcinoma into adenocarcinoma and squamous cell carcinoma in fine needle aspiration specimens. *Cytojournal* 2012; 9:10.

Archuletta PA, Gidwani R, Husain M, Johnson T, Shidham VB, Alzohaili O, Bandyopadhyay S, **Feng J**, Shi D, Geng L, Tranchida P, Giorgadze T. The Bethesda System thyroid diagnostic categories in the African-American population in conjunction with surgical pathology follow up. *Cytojournal* 2012; 9:7

Aldeen B, **Feng J**, Wu Y, Nassar Warzecha H. Molecular Subtypes of Ductal Carcinoma In Situ in African and Caucasian American Women: Distribution and correlation with pathological features and outcome. *Cancer Epidemiology.* 2013, 37: 474-8.

Case Reports

Feng J, Al-Abbadi MA, Kodali U, Dhar R. Cytologic Diagnosis of Gastric Linitis Plastica By Endoscopic Ultrasound Guided Fine Needle Aspiration. *Diagnostic Cytopathology.* 2006, 34:177-179.

Perez NE, Maryala S, Seren S, **Feng J**, Pansare V, and Dhar R. Metastatic Prostate Cancer Presenting as Mediastinal Lymphadenopathy Identified by Endoscopic Ultrasound with Fine Needle Aspiration. *Gastrointest Endosc.* 2007, 65:948-949.

Han L, Bhan R, Zak I, Husain M, **Feng J**, Vella S, Al-Abbadi MA. Metastatic Hepatocellular Carcinoma to the Mandible Masquerading as a Parotid Gland Mass: A Potential Pitfall in the diagnosis by Fine Needle Aspiration Biopsy. *Diagnostic Cytopathology,* 2007, 35:674-676.

Vella S, Han L, Al-Abbadi MA, **Feng J**. Fine Needle Aspiration of Metastatic Malignant Sex Cord Stromal Tumor, Undifferentiated Type. *Acta Cytologica,* 2008, 52:377-8.

Bandyopadhyay S, Andrian SD, Puklin JE, **Feng J**. Choroidal Metastasis from an Occult Primary Diagnosed by Fine Needle Aspiration. A case report. *Diagnostic Cytopathology,* 2008, 37:38-41.

Book Chapters, Review Articles, Other Non-Refereed

Feng J and Al-Abbadi MA. "Pleomorphic adenoma" in Mousa Al-Abbadi (ed.) *Salivary Gland Cytopathology A Color Atlas,* Wiley-Blackwell, 2011, 57-67.

ABSTRACTS / POSTER PRESENTATIONS

Feng J, Nassar H, Y Li, Sarkar F, Adsay V. P27 expression in pancreatic adenocarcinoma and its correlation with clinical and biological parameters. *Modern Pathology* 12:162A, 1999.

Feng J, Vaitkevicius, V, Shields, A, Philip, P, Adsay, V. Perineural invasion in pancreatic adenocarcinoma. *Modern Pathology* 13:183A, 2000.

Feng J, Cheng J, Adsay, V. Peri-Islet-Cell Invasion by Pancreatic Ductal Adenocarcinoma. *Modern Pathology* 13:183A, 2000.

Feng J, deGuia K, Gharibian A, Grignon D, and Sakr, W. Changes in the frequency and volume of "index" tumors and HGPIN in radical prostatectomy specimens(RPS) in the 1990s. *Modern Pathology* 13:99A, 2000.

Feng J, Schmidt R, Andea A, Lonardo F, Cheng J, Adsay V. Vacuolated-Cell Adenocarcinoma of the Pancreas: A Morphologic Variant of Pancreatobiliary Adenocarcinoma. *Modern Pathology* 13:183A, 2001.

Feng J, Adsay, N.V., Kruger, M., Ellis, K. L., Nagothu, K., Majumdar, A.P., Sarkar, F.H. Expression of ERFP in Normal and Neoplastic Pancreata and Its Relationship to Clinicopathologic Parameters in Pancreatic Adenocarcinoma. *Modern Pathology* 15: 170A, 2002.

Feng J, and Bernacki EG. Comparison of Intraoperative Cytologic Scrape Preparations of Sentinel Lymph Nodes to Histologic and Immunohistochemical Examination in Patients with Breast Carcinoma. Poster Presentation, American Society of Cytology Annual Meeting, November 2003.

Feng J and Husain, M. Reflex High Risk HPV DNA Testing (Hybrid Capture 2) of Bloody ThinPrep Specimens with ASC-US Interpretation: Does Pretreatment with Acetic Acid Affect Test Performance? *Modern Pathology* 17: USCAP meeting, 2004.

Husain M., Singh R. **Feng J**. Clinical follow up in Unsatisfactory Paps. Poster Presentation, American Society of Cytology Annual Meeting, San Diego CA, November 2005.

Arabi MH, Nassar H, Dean S, **Feng J**, Husain M, Abdul-Karim FW, Munkarah A and Ali-Fehmi R. Pap Smear in Type I and Type II Endometrial Carcinoma. *Am J Clin Pathol* 2005;124:625-660.

Feng J, and Husain, M. Outcomes of Women with ASCUS Interpretation and Positive for High Risk HPV DNA. A single institution two-year follow up study: A Retrospective 2 Year Follow-up Study. *Modern Pathology* 18: 65A, 2005.

Fathallah L, Tulunay, O., **Feng J**, Husain M., Jacobs J., Al-Abbadi M. Histologic and Cytologic Diagnosis Discrepancies in Head and Neck Region: Pitfalls, Causes and Preventive Strategies. *Modern Pathology* 18: 64A, 2005.

Feng J, and Husain, M. Clinical Outcomes of Perimenopausal and Postmenopausal Women with High Risk HPV DNA Positive ASCUS Interpretation: A Retrospective 2 Year Follow-up Study. *Modern Pathology* 19:57A, 2006. Platform Presentation, USCAP meeting, Atlanta, GA, February 2006.

Bandyopadhyay S, Pansare V, **Feng J**, Ali-Fehmi R, Bhan R, Husain M, Al-Abbadi MAA. The Frequency and Rationale of Fine Needle Aspiration Biopsy Conversion to Core Biopsy as a Result of Onsite Evaluation. *Modern Pathology* 19:53A, 2006.

Pansare V, Bandyopadhyay S, **Feng J**, Bhan R, Joyrich R. Husain M, Al-Abbadi MA. Fine Needle Aspiration Biopsy Outcomes of Masses Detected by Positive Emission Tomography: Correlation with Standard Uptake. *Modern Pathology* 19: 69A, 2006.

Perez NE, Maryala S, Seren S, **Feng J**, Pansare V, and Dhar R. Metastatic Prostate Cancer Presenting as Mediastinal Lymphadenopathy Identified by Endoscopic Ultrasound with Fine Needle Aspiration. *Amer J of Gastroenterology*, September 2006. 71st Annual meeting of American College of Gastroenterology, Las Vegas, NV, October 2006.

Yousef N, Arabi, MH, **Feng J**, Husain M, Al-Abbadi MA. Fine Needle Aspiration of Head and Neck Masses in the Operating Room: Accuracy and Benefits on Patient Triage. Poster # 172. The 54th annual ASC meeting, Toronto, Canada, November 2006.

Pansare V, Bandyopadhyay S, Christensen C, Kmak D, **Feng J**, Al-Abbadi MA, Husain M. Correlation between index Pap Test and CIN 3 Histology in LEEP specimens. Poster # 59. The 54th annual ASC meeting, Toronto, Canada, November 2006.

Arabi MH, Yousef N, Han L, **Feng J**, Husain M, Al-Abbadi MA. Immediate Wet Prep Evaluation of Body Fluids: Added Value of Triage Beyond Segregating Potentially Neoplastic Effusions. Poster # 189. The 54th annual ASC meeting, November 2006, Toronto, Canada.

Feng J, Pansare V, Al-Abbadi MA and Husain, M. Is It Pancreatic Or Ovarian Carcinoma In Peritoneal Fluid: A short And Practical Immunohistochemical Approach. *Modern Pathology* 20:69A, 2007.

Basturk O, Bandyopadhyay S, **Feng J**, Thirabanjasak D, Altinel D, Cheng JD, Adsay NV. Predilection of Pancreatic Ductal Adenocarcinoma Cells to Form Duct-Like Structures in Vascular and Perineural Spaces, Mimicking Normal Ducts and PanIn: A Peculiar Form of Tumor-Stroma Interaction. *Modern Pathology* 21: 325A, 2008.

Zyrek-Betts J, Husain M, Giogordze T, Feng J. Non-diagnostic EUS-FNA of the Pancreas: An Institutional Study. **Poster Number** "118" at the ASC's 56th Annual Scientific Meeting, Orlando, Florida, November 2008.

Guan H, Arabi H, Hayek K, Bandyopadhyay S, Fathallah L, **Feng J**, Ali-Fehmi R. A Binary Grading System for Endometrial Carcinoma Compared with Existing Grading Systems. *Modern pathology* 2009, 22:216A.

Ghosh C, Husain M, Kanhere R, Bandyopadhyay S, **Feng J**, Shi D, Giogadze T. Hormonal Receptor and Her-2/Neu Status Evaluation in Cytology Specimens of Primary and Metastatic Carcinoma – Does It Have Diagnostic, Prognostic or Therapeutic Implications? *Cancer Cytopathology* 2009, 117:360.

Ghosh C, Husain M, Kanhere R, Shi D, Bandyopadhyay S, **Feng J**, Giogadze T. Fine Needle Aspiration of Common and Uncommon Liver Metastases: Single Institution Experience with 482 Liver Lesions. *Cancer Cytopathology* 2009, 117:407.

Ghosh C, Husain M, Kanhere R, Bandyopadhyay S, **Feng J**, Giogadze T. Fine Needle Clinicopathologic and Radiologic Correlation. *Cancer Cytopathology* 2009, 117:410.

Guan H, Bandyopadhyay S, Fathallah L, **Feng J**, Khalifeh I, Albashiti B, Ibrahim M, Hayek K, Munkarah A, Ali-Fehmi R. A Binary Grading System for Endometrial Carcinoma Compared with Existing Grading Systems. *Modern Pathology* 2010, 23:244A.

J. Akinfolarin, T. Giogadze, S. Bandyopadhyay, F. Lonardo, D. Shi, S. Sethi, M. Husain, **J. Feng**. The accuracy of fine needle aspiration and immunohistochemical stains (TTF-1, P63, K5/6 and Muc1) in distinguishing adenocarcinoma from squamous cell carcinoma of the lung. *Cancer Cytopathology* 2010, American Society of Cytopathology, November 2010.

Aldeen B, **Feng J**, Nassar H. Molecular subtypes of DCIS in African-American (AA) and Caucasian (CA) women. *USCAP*, 2011, *Modern Pathology* 2011, 24:63A.

Archuletta PA, Gidwani RM, Alzohaili O, Samantray J, Bandyopadhyay S, **Feng J**, Shi D, Tranchida P, Husain M, Shidham V, Giogadze T. Distribution of the Bethesda System – Thyroid Diagnostic Categories in the African-American Population in Conjunction with Surgical Pathology Follow-up. *USCAP*, 2011, *Modern Pathology* 2011, 24:82A.

Geng L, Giogadze T, Archuletta PA, Bandyopadhyay S, **Feng J**, Madan S, Shi D, Sethi S, Tranchida P, Shidham V. The Utility of TTF-1 & Napsin A Dual immunostain in the distinction of Metastatic Lung Adenocarcinoma from Other Metastatic Adenocarcinoma in Body Fluid Specimens. USCAP, 2011, Modern Pathology 2011, 24:91A.

Giogadze T, Thompson J, Dhillon I, Archuletta PA, Geng L, Bandyopadhyay S, **Feng J**, Madan S, Shi D, Tranchida P, Sethi S, Faisal M, Shidham V. Cyanophilic Small Atypical Parakeratotic Cells in Thin Prep Cervical Cytology: A Pitfall Leading to HSIL or ASC-H Interpretation. USCAP, 2011, Modern Pathology 2011, 24:91A.

Sethi S, Shidham VB, Geng L, Archuletta P, Bandyopadhyay S, **Feng J**, Madan S, Shi D, Sethi S, Tranchida P, Giogadze T. Utility of Multiplex TTF-1 & Napsin A and p63 & CK5 Immunostains in distinguishing Lung Adenocarcinoma from Squamous Cell Carcinoma in FNA Specimens. USCAP, 2011, Modern Pathology 2011, 24:104A.

Feng J, Zhang PL, Hysell CK, Qu ZH, Micale MA, Definitive Cytogenetic Confirmation of a Desmoplastic Small Round Cell Tumor (DSRCT) in a Initially Unclassifiable Malignant Epithelioid Neoplasm of Small Bowel of a 20 Year Old Man – Case Report. ASCP Annual Meeting, September 2016, Las Vegas, NV.