

University of California, San Francisco
CURRICULUM VITAE

Name: Yue Peng

Position: HS Assistant Clinical Professor, Step 2
Pathology
School of Medicine

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EDUCATION

1991 - 1996	Sun Yat-sen University of Medical Sciences	MD	Medicine	
1996 - 1998	Peking Union Medical College Hospital	Residency	Internal Medicine	
1998 - 2000	Indiana University		Pathology	Chao-Hung Lee, PhD
2000 - 2005	University of California, Davis	PhD	Comparative Pathology	Tilahun D. Yilma, PhD, DVM
2005 - 2010	Stanford University	Postdoctoral Fellow	Urology	Zijie Sun, MD PhD
2013 - 2017	Harbor-UCLA Medical Center	Residency	Pathology-AP/CP	Samuel French, MD
2017 - 2018	University of California, San Francisco	Clinical Fellow	Surgical Pathology	Karuna Garg, MD

LICENSES, CERTIFICATION

2015	Medical Board of California, License A138205 (active)
2017	American Board of Pathology, Certification in Anatomic Pathology and Clinical Pathology

PRINCIPAL POSITIONS HELD

2018 - present	University of California San Francisco	HS Clinical Assistant Professor	Pathology
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OTHER POSITIONS HELD CONCURRENTLY

2018 - present	San Francisco VA Health Care System	Staff Pathologist	Anatomic Pathology
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HONORS AND AWARDS

2002	Student Travel Grant	American Society for Virology
2002	Jastro-Shields Graduate Research Scholarship	University of California Davis
2010	Packard Award for the Best Urology Postdoctoral Fellow Publication	Stanford University
2016	Los Angeles Biomedical Research Institute Hematopathology Resident Endowment Fund	Los Angeles Biomedical Research Institute
2017	Los Angeles Biomedical Research Institute Hematopathology Resident Endowment Fund	Los Angeles Biomedical Research Institute

KEYWORDS/AREAS OF INTEREST

General Surgical Pathology, Head Neck Pathology, Genitourinary Pathology

CLINICAL ACTIVITIES

CLINICAL ACTIVITIES SUMMARY

My clinical responsibility is to provide diagnostic surgical pathology and cytopathology service with a focus on Head and Neck Pathology at the San Francisco VA Medical Center.

CLINICAL SERVICES

2018 - present	Attending Physician, San Francisco VA Health Care System, Surgical Pathology Service	Daily
2018 - present	Attending Physician, San Francisco VA Health Care System, Cytopathology Service	Daily

PROFESSIONAL ACTIVITIES

MEMBERSHIPS

2000 - 2005	American Society for Virology
2013 - 2017	Los Angeles Society of Pathologists
2013 - present	American Society of Clinical Pathologists
2013 - present	College of American Pathologists
2014 - present	United States and Canadian Academy of Pathology

2017 - present California Society of Pathologists

2017 - present Chinese American Pathologists Association

INVITED PRESENTATIONS - REGIONAL AND OTHER INVITED PRESENTATIONS

2002	American Society for Virology	Oral presentation
2005	American Society for Virology	Oral presentation
2005	AIDS Vaccine International Conference	Oral presentation
2014	Southern California Research Center for ALPD&Cirrhosis, the 16th Annual Symposium	Oral presentation
2018	University of California, San Francisco	Grand rounds
2018	South Bay Pathology Society	Case presentation
2019	South Bay Pathology Society	Case presentation

CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT ACTIVITIES

2018	South Bay Pathology Society Monthly Conference, Palo Alto, CA
2018	United States and Canadian Academy of Pathology (USCAP) 107th Annual Meeting, Vancouver, British Columbia, Canada
2018	College of American Pathologists (CAP) Annual Meeting 2018, Chicago, IL
2018	California Society of Pathologist 2018, San Francisco, CA
2018	Current Issue in Anatomic Pathology, San Francisco, CA
2019	Current Issue in Anatomic Pathology, San Francisco, CA
2019	South Bay Pathology Society Monthly Conference, Palo Alto, CA
2020	College of American Pathologists (CAP) Annual Meeting 2020, Virtual
2021	United States and Canadian Academy of Pathology (USCAP) 110th Annual Meeting 2021, Virtual

UNIVERSITY AND PUBLIC SERVICE

SERVICE ACTIVITIES SUMMARY

I support the UCSF campus in recruitment of resident trainees to the Department of Pathology.

UCSF CAMPUSWIDE

2018 - present	Multidisciplinary Tumor Boards, San Francisco VA Health Care System	Attending Pathologist
2018 - present	Weekly Pulmonary Conference, San Francisco VA Health Care System	Attending Pathologist

2020 - present Chest Multidisciplinary Conference, San Francisco VA Health Care System Attending Pathologist

DEPARTMENTAL SERVICE

2018 - present San Francisco VA Health Care System, Department of Anatomic Pathology, Quality Assurance Committee member

2020 - present UCSF Department of Pathology-Resident Search Committee member

COMMUNITY AND PUBLIC SERVICE

2019 - present Medical Club Mentorship Program, The Harker School Volunteer Mentor

CONTRIBUTIONS TO DIVERSITY

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I have completed Differences Matter Diversity, Equity, and Inclusion Champion Training in 2021.

TEACHING AND MENTORING

TEACHING SUMMARY

In recent years, starting from my residency, I have actively involved in resident teaching and peer teaching activities, including peer teaching conferences, slide conferences, tumor boards, clinico-pathological conferences, and grand rounds. Currently, as a staff pathologist at the San Francisco VA Health Care System, my primary teaching is general diagnostic surgical pathology (focusing on Head Neck Pathology) and cytopathology for rotating pathology residents. I am involved in teaching residents during daily surgical pathology and cytopathology sign-outs at the microscope, in the grossing lab, and during fine needle aspiration procedures. I give unknown/interesting case slide session once a month and serve as attending pathologist for the multidisciplinary tumor board and the weekly pulmonary conference at the San Francisco VA. I have also been involved in the teaching of medical students for School of Medicine since Fall 2020.

FORMAL TEACHING

	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2020 - 2021	Obstructive and Restrictive Lung Disease Pathology	Small Group Instructor	Medicine	11
	2020 - 2021	Lung Cancer Pathology	Small Group Instructor	Medicine	11
	2020 - 2021	Glomerular Disease Pathology	Small Group Instructor	Medicine	11
	2020 - 2021	Liver Pathology	Small Group Instructor	Medicine	11

	Academic Yr	Course No. & Title	Teaching Contribution	School	Class Size
	2020 - 2021	Gastrointestinal Pathology	Small Group Instructor	Medicine	11

INFORMAL TEACHING

- 2016 - 2016 Lead interesting case and frozen section case conferences in the Department of Pathology, Harbor-UCLA Medical Center
- 2018 - present Daily teaching during signout sessions with residents rotating on surgical pathology and cytology services.
- 2018 - present Monthly Head and Neck Pathology-focused teaching conference for pathology rotating residents

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH PROGRAM (SEPARATE SUMMARY)

My research has been involved in signal transduction pathways in prostate cancer tumorigenesis, kidney developmental defects, vaccine development, and hematopoietic malignancies in genetically modified animal models and human tissue specimens.

My current research efforts are in a collaboration with Dr. Annemieke van Zante, Head Neck Pathology specialist and Dr. Bradley Stohr, Genitourinary Pathology specialist at UCSF with particular interest in the HPV-related oropharyngeal squamous cell carcinoma with neuroendocrine differentiation and beta-catenin signaling pathway in clear cell renal cell carcinomas. This latter topic is an extension of my prior research focusing on a novel beta-catenin interacting protein, Leucin Zipper Tumor Suppressor-2 (LZTS2) from the animal models to the clinical application. The ability to correlate histologic, genetic and immunophenotypic data with clinical outcomes will further elucidate the mechanisms of beta-catenin mediated tumorigenesis.

RESEARCH AWARDS - CURRENT

- | | | | |
|---|----|------------|------------------|
| 1. 7710 | PI | | Peng (PI) |
| Clinical Research Endowment Funds, Department of Pathology, UCSF | | 10/07/2019 | Present |
| LZTS2, a newly identified unfavorable prognostic marker in renal cell carcinoma | | | \$ 4000.00 total |

PEER REVIEWED PUBLICATIONS

1. Legrand FA, Verardi PH, Jones LA, Chan KS, Peng Y, Yilma TD. 2004. Induction of potent humoral and cell-mediated immune responses by attenuated vaccinia virus vectors with deleted serpin genes. J Virol. 78(6): 2770-9.

2. Legrand FA, Verardi PH, Chan KS, Peng Y, Jones LA, Yilma TD. 2005. Vaccinia viruses with a serpin gene deletion and expressing IFN- γ induce potent immune responses without detectable replication in vivo. *Proc Natl Acad Sci U S A*. 102(8): 2940-5.
3. Peng Y, Lin FC, Verardi PH, Jones LA, McChesney MB, Yilma TD. 2007. Pseudotyped single-cycle simian immunodeficiency viruses expressing gamma interferon augment T-cell priming responses in vitro. *J Virol*. 81(5): 2187-95.
4. Li TH, Zhao H, Peng Y, Beliakoff J, Brooks JD, Sun Z. 2007. A promoting role of androgen receptor in androgen-sensitive and -insensitive prostate cancer cells. *Nucleic Acids Res*. 35(8): 2767-76.
5. Peng Y, Lin FC, Verardi PH, Jones LA, Yilma TD. 2009. Lower Levels of IFN γ Expressed by a Pseudotyped Single-cycle SIV Enhances Immunogenicity in Rats. *J Virol*. 83(4):1592-601.
6. Lin FC, Peng Y, Jones LA, Verardi PH, Yilma TD. 2009. Incorporation of CD40 Ligand into the Envelope of Pseudotyped Single-Cycle Simian Immunodeficiency Viruses Enhances Immunogenicity. *J Virol*. 83(3):1216-27.
7. Peng Y, Lee J, Zhu C, Sun Z. 2010. A novel role for protein inhibitor of activated STAT (PIAS) proteins in modulating the activity of Zimp7, a novel PIAS-like protein, in androgen receptor-mediated transcription. *J Biol Chem*. 285(15):11465-75.
8. Peng Y, Clark C, Luong R, Tu WH, Lee J, Johnson DT, Das A, Carroll TJ, Sun Z. 2011. Leucine Zipper Putative Tumor Suppressor 2, LZTS2, Regulates Kidney Development. *J Biol Chem*. Nov 18; 286(46):40331-42.
9. Johnson DT, Luong R, Lee SH, Peng Y, Shaltouki A, Lee JT, Lin D, Wang Y, Sun Z. 2013. Deletion of leucine zipper tumor suppressor 2 (Lzts2) increases susceptibility to tumor development. *J Biol Chem*. Feb 8;288(6):3727-38.
10. Lee SH, Zhu C, Peng Y, Johnson DT, Lehmann L, Sun Z. 2013. Identification of a Novel Role of ZMIZ2 Protein in Regulating the Activity of the Wnt/ β -Catenin Signaling Pathway. *J Biol Chem*. Dec 13;288(50):35913-24.
11. Mendoza AS, Dorce J, Peng Y, French BA, Tillman B, Li J, French SW. 2014. Levels of metacaspase1 and chaperones related to protein quality control in alcoholic and nonalcoholic steatohepatitis. *Exp Mol Pathol*. Dec 16; 98 (1):65-72.
12. Verardi PH, Legrand FA, Chan KS, Peng Y, Jones LA, Yilma TD. 2014. IL-18 expression results in a recombinant vaccinia virus that is highly attenuated and immunogenic. *J Interferon Cytokine Res*. Mar;34(3):169-78.
13. Peng Y, French BA, Tillman B, Morgan T, French SW. 2014. The Inflammasome in Alcoholic Hepatitis: Its Relationship with Mallory-Denk Body Formation. *Exp Mol Pathol*. Oct; 97(2):305-13.
14. Peng Y, Cai J, Yue C, Qing X. 2016. Primary hepatic Epstein-Barr virus-associated CD30-positive peripheral T-cell lymphoma of cytotoxic phenotype. *Exp Mol Pathol*. Feb;100(1):207-11.
15. Peng Y, Qing AC, Cai J, Yue C, French SW, Qing X. 2016. Lymphoma of the liver: Clinicopathological features of 19 patients. *Exp Mol Pathol*. Apr;100(2):276-80.

16. Zhang X, Peng Y, Zou K. 2016. Germline Stem Cells, a Useful Tool for Therapeutic Cloning. 2016. *Curr Stem Cell Res Ther*. Feb 17.
17. French SW, Mendoza AS, Peng Y. 2016. The mechanisms of Mallory-Denk body formation are similar to the formation of aggresomes in Alzheimer's disease and other neurodegenerative disorders. *Exp Mol Pathol*. Jun;100(3):426-33.
18. Holmes I, Ha NB, Peng Y, Kaltenbach T. 2020. A Dermoid Cyst Presenting as a Hypoechoic Pancreatic Mass. *Am J Gastroenterol*. May 22.

SIGNIFICANT PUBLICATIONS

1. Legrand FA, Verardi PH, Chan KS, Peng Y, Jones LA, Yilma TD. 2005. Vaccinia viruses with a serpin gene deletion and expressing IFN- γ induce potent immune responses without detectable replication in vivo. *Proc Natl Acad Sci U S A*. 102(8): 2940-5.

Participated in the experiments

2. Peng Y, Lin FC, Verardi PH, Jones LA, McChesney MB, Yilma TD. 2007. Pseudotyped single-cycle simian immunodeficiency viruses expressing gamma interferon augment T-cell priming responses in vitro. *J Virol*. 81(5): 2187-95.

Designed and performed the experiments, and completed the manuscript.

3. Peng Y, Lin FC, Verardi PH, Jones LA, Yilma TD. 2009. Lower Levels of IFN γ Expressed by a Pseudotyped Single-cycle SIV Enhances Immunogenicity in Rats. *J Virol*. 83(4):1592-601.

Designed and performed the experiments, and completed the manuscript.

4. Peng Y, Lee J, Zhu C, Sun Z. 2010. A novel role for protein inhibitor of activated STAT (PIAS) proteins in modulating the activity of Zimp7, a novel PIAS-like protein, in androgen receptor-mediated transcription. *J Biol Chem*. 285(15):11465-75.

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6. Peng Y, French BA, Tillman B, Morgan T, French SW. 2014. The Inflammasome in Alcoholic Hepatitis: Its Relationship with Mallory-Denk Body Formation. *Exp Mol Pathol*. Oct; 97(2):305-13.

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8. Peng Y, Cai J, Yue C, Qing X. 2016. Primary hepatic Epstein-Barr virus-associated CD30-positive peripheral T-cell lymphoma of cytotoxic phenotype. *Exp Mol Pathol*. Feb;100(1):207-11.

CONFERENCE ABSTRACTS

1. Poster Presenter, Construction of replication-defective pseudotyped SIV expressing IFN-gamma as a potential AIDS vaccine strategy. 21st Annual Symposium on Nonhuman Primate Models for AIDS; Seattle, WA. October, 2003
2. Poster Presenter, The Inflammasome in Alcoholic Hepatitis: Its Relationship with Mallory-Denk Body Formation. AASLD liver meeting @ 2014, Boston, MA, November, 2014.
3. Poster Presenter, Primary hepatic Epstein-Barr virus-associated CD30-positive peripheral T-cell lymphoma with cytotoxic phenotype. ASCP 2016 Annual Meeting, Las Vegas, NV, September, 2016.
4. Poster Presenter, Lymphoma of the Liver: Clinicopathological Features of 19 Patients. USCAP 2017 Annual Meeting, San Antonio, TX, March, 2017.
5. Poster Presenter, LZTS2, a Novel and Independent Prognostic Biomarker for Clear Cell Renal Cell Carcinoma: Clinicopathologic Correlation and Immunohistochemical Study. USCAP 2021 Annual Meeting, March 2021
6. Case contributor, Ileocecal classic Hodgkin lymphoma versus EBV-positive mucocutaneous ulcer: two overlapping entities. 20th Meeting of the European Association for Haematopathology. April 24-29. 2021.