***Curriculum Vitae***

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**Education**

|  |  |  |  |
| --- | --- | --- | --- |
| Year | Degree(Honors) | Field of Study(Thesis advisor for PhDs) | Institution |
| 1999 | M.D. | Medicine | Shandong Medical University, Jinan, China |
| 2002 | M.Med. | Internal Medicine | PLA Postgraduate Medical School, Beijing, China |
| 2010 | Ph.D. | Immunobiology | University of Arizona, Tucson, Arizona |

**Postdoctoral Training** [*Include residency/fellowship*]

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Titles | Specialty/Discipline(Lab PI for postdoc research) | Institution |
| 2013–2014 | Resident | Pathology | Henry Ford Hospital, Detroit, Michigan  |
| 2014–2017 | Resident | Pathology | University of Arizona, Tucson, Arizona |
| 2017–2018 | Fellow | Gynecological Pathology | UT Southwestern Medical Center, Dallas, Texas |

**Professional Development Training**

|  |  |  |
| --- | --- | --- |
| Year(s) | Course or Program, Degree if any | Institution |
| 2020-present | Effective Teacher Series | UT Southwestern Medical Center, Dallas, Texas |
| 2023,2024  | Promotion & Tenure: Clinician Educator/Clinician Track Workshop | UT Southwestern Medical Center, Dallas, Texas |

**Faculty Academic Appointments**

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Academic Title | Department | Academic Institution |
| 2018–present | Assistant Professor | Pathology | UT Southwestern Medical Center, Dallas, Texas |
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**Appointments at Hospitals/Affiliated Institutions**

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| --- |
| Past |
| Year(s) | Position Title | Department/Division | Institution |
|  |  |  |  |
|  |  |  |  |
| Current |
| Year(s) | Position Title | Department/Division | Institution |
| 2018–present | Staff Pathologist | Pathology | Parkland Health & Hospital System, Dallas, Texas |
| 2018–present | Staff Pathologist | Pathology | UT Southwestern Medical Center Associated Hospitals, Dallas, Texas |
|  |  |  |  |

**Other Professional Positions** [*Industry, foundation, private practice*]

|  |  |  |
| --- | --- | --- |
| Year(s) | Position Title | Institution |
|  |  |  |
|  |  |  |

**Current Licensure and Certification**

Licensure [*Do not include license number*]

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| --- | --- |
| Year(s) | State |
| 2018-present  | Texas Medical Board (R7186) |
|  |  |

**Board and Other Certification**

|  |  |  |
| --- | --- | --- |
| Year(s) | Specialty | Certifying Organization |
| 2017-present | Anatomical Pathology/Clinical Pathology | American Board of Pathology |
|  |  |  |

**Honors and Awards**

|  |  |  |
| --- | --- | --- |
| Year | Name of Honor/Award | Awarding Organization |
| 2018 | Janet Caldwell Award | UT Southwestern Medical Center |
| 2015 | APS-Select: For distinction in scholarship in the American Journal of Physiology - Heart and Circulatory Physiology for the article |  |
| 2011–2013 | Postdoc Fellowship Grant | American Heart Association |
| 2011 | New Investigator Travel Award | American Heart Association |

**Major Administrative/Leadership Positions**

|  |  |  |
| --- | --- | --- |
| Year(s) | Position Title | Institution |
| 2018-present  | Director of Gynecologic Pathology Residents Rotation | UT Southwestern Medical Center, Dallas, Texas |
|  |  |  |

**Committee Service (***Member, unless noted otherwise)*

|  |  |  |
| --- | --- | --- |
| Year(s) | Name of Committee | Institution/Organization |
| UTSW |
| 2018-present  | Residency Clinical Competency Committee (CCC) | UTSW/Department of Pathology, Dallas, Texas |
| 2018-present  | Gynecological Pathology fellowship Clinical Competency Committee (CCC) | UTSW/Department of Pathology, Dallas, Texas |
| Hospital |
| 2018–present | Cancer Committee  | Parkland Health & Hospital System, Dallas, Texas  |
|  |  |  |
| State/Regional |
|  |  |  |
|  |  |  |
| National/International |
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**Professional Societies**

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| --- | --- |
| Dates | Society Name, member |
| 2013–present | United States and Canadian Academy of Pathology (USCAP) |
| 2013-present | American Society for Clinical Pathology (ASCP) |
|  |  |
|  | Committees  |
| 2021–present | USCAP 2022 Abstract Submission Review Board |
| 2021–present | ASCP Resident Question Bank Committee |
|  |  |
|  | Fellowships |
|  |  |

**Community Engagement**

|  |  |  |
| --- | --- | --- |
| Year(s) | Role, brief description | Organization or institution |
|  |  |  |
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**Educational Activities**

1. Direct Teaching

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| --- | --- | --- | --- | --- | --- |
| Date | Course Name, Rotation or Session Topic | Role | Number of Instruction hours | Primary Learner Audience (number) | Department or Organization |
| Medical and Graduate School (UME) Course Instruction, Small Group Instruction, Clinical Supervision  |
| 2018-2019 | Basics of Pathology: Gastrointestinal, Liver, Reproductive, Endocrine and Neural systems | Small group instructor  | 10 hr/yr | Medical student  | UTSW School of Medicine |
| 2022-2024 | Basics of Pathology:Hemodynamic, cardiovascular, respiratory, renal , Hematopoietic, skeletal muscular, etc | Small group instructor | 10 hr/yr | Medical student | UTSW School of Medicine |
| 2018- present | Pathology Clerkship | Attending | ~ 3 wks/yr, | Medical student | UTSW School of Medicine |
| Graduate Medical Education (GME) Course Instruction, Small Group Instruction, Clinical Supervision |
| 2018-Present  | Sex-cord stromal tumors | Lecturer | 10 hr/yr | Resident didactic lectures | UTSW Pathology |
| 2018-Present | Sex-cord stromal tumors | Lecturer  | 10 hr/yr | Gynecological oncology fellow lectures | UTSW Pathology |
| 2018-present | Gynecologic Pathology, cases review and sign outs | Attending | ~ 40 wks/yr, | Pathology Residents and Fellows | UTSW Department of Pathology |
| 2018-present | Pathology Intraoperative Consults (day and night calls) | Attending | ~ 1 h/wk | Pathology Residents | UTSW Department of Pathology |
| 2018-present | Gynecologic Pathology Unknowns | Instructor | 1 h/yr | Pathology Residents | UTSW Department of Pathology |
| Instructor in Continuing Medical Education (CME), Faculty Development, National Educational Symposia |
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2. Curriculum Development

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| --- | --- | --- | --- | --- | --- |
| Date | Course Name or Curriculum Product | Role | Purpose | Primary Learner Audience | Organization or Institution |
| 2018-Present  | Sex-cord stromal tumors | Lecturer |  | Residents  | UTSW Pathology |
| 2018-Present | Sex-cord stromal tumors | Lecturer  |  | Gynecological oncology fellows  | UTSW Pathology |

3. Mentoring and Advising

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Mentee Name | Mentee Level/ Program and Institution | Role | Mentee Outcomes, Current Position |
|  |  |  |  |  |
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4. Learner Assessment Activities or Tool Development

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Course Name or Session Topic | Role | Number of Evaluation Hours | Primary Learner Audience | Organization or Institution |
| 2018-present | Gynecologic Pathology Residents Rotation Slides Test x 2 | Director of Residents Rotation | ~ 12h/yr | Residents | UTSW Department of Pathology |
| 2021-present | ASCP Resident Question Bank Gynecological pathology section | Formulating questions and answers/explanations | 100 hr/yr | Surgical pathology trainee (residents and fellows), practicing gynecological pathologists | ASCP |

5. Educational Administration and Leadership

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| --- | --- | --- | --- | --- | --- |
| Date | Title | Responsibilities  | Time (FTE or hours) | Organization and Program Scope | Outcomes |
| 2021-present | Co-chair  | Vetting and generating annual Gynecological pathology test questions for ASCP society (residents, fellows, practicing pathologists) | 100 hr/yr | ASCP Resident Question Bank Committee- Gynecological pathology section | Annually updated Gynecological pathology question bank available online |
| 2018-present | Director of Residents Rotation  | Leadership for Gynecologic Pathology Rotation | 3h/wks | UTSW Department of Pathology |  |

**Grant Review Activities**

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| --- | --- | --- |
| Year(s) | Name of Review Committee | Organization |
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**Editorial Activities**

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| --- | --- |
| Year(s) | Journal Name |
| Editor/Associate Editor |
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|  |  |
| Editorial Board |
| 2022–present | International Journal of Surgical Pathology |
| 2022–present | World Journal of Hematology and Oncology |
| 2024-2026  | Clinical Research and Reports |
| Ad Hoc Reviewer |
| 2022-2024 | Scientific Reports |
| 2022-2024 | Biomarkers |
| 2022-2024 | International Journal of Surgical Pathology |
| 2023-2024 | Pharmacogenomics and personal medicine |
| 2022-2024  | International Journal of Molecular Sciences |
| 2024 | Clinical and Experimental Pharmacology and Physiology |
| 2024 | Journal of Cancer |
| 2023 | Histopathology |
| 2023 | Cancer Biology & Therapy |

**Grant Support** [*Include Educational Grants*]

|  |  |
| --- | --- |
| Active | Grantor: : UTSW Department of Pathology |
|  | Title of Project: The diagnostic and prognostic value of PTEN and WT-1 in endometrial serous carcinoma |
|  | Role: Principal Investigator |
|  | Annual amount and date : $12,000, 2024 |
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| --- | --- |
| Past | Grantor: : UTSW Department of Pathology |
|  | Title of Project: The utility of biomarkers in accurate diagnosis of endometrial precancers |
|  | Role: Principal Investigator |
|  | Annual amount and date: $12,000, 2022 |
|  |  |
|  | Grantor: UTSW Department of Pathology |
|  | Title of Project: Therapeutic/prognostic biomarkers expression in gynecological carcinomas and their clinical implications, and the utility of biomarkers in accurate diagnosis of endometrial precancers |
|  | Role: Principal Investigator |
|  | Annual amount and date: $12,000, 2019 |

**Clinical Trials Activities**

|  |  |
| --- | --- |
| Present | *Grantor:* |
|  | *Title of Project:* |
|  | *Role (Principal Investigator, Site PI, Sub investigator):* |
|  |  |

|  |  |
| --- | --- |
| Past | *Grantor:* |
|  | *Title of Project:* |
|  | *Role (Principal Investigator, Site PI, Sub investigator):* |
|  |  |

**Invited Lectures**

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| --- | --- | --- |
| Year(s) | Title | Location |
| International |
| 10/27/2023 | The utility of biomarkers in the accurate diagnosis of endometrial precancers | Department of Pathology, International Peace Maternity and Child Health Hospital Affiliated to Shanghai Jiao Tong University School ofMedicine, Shanghai, PR China |
|  |  |  |
| National |
|  |  |  |
|  |  |  |
| Regional/Local |
| 12/8/2020 | PD-L1 Expression and CD8+ Tumor-infiltrating Lymphocytes in Different Types of Tubo-ovarian Carcinoma and Their Prognostic Value in High-grade Serous Carcinoma | Department of Pathology |
| 9/7/2022 | Histopathologic diagnosis of endometrial precancers: Updates and future directions | North Texas Pathology Society  |
| 1/3/2023 | Utility of a biomarker panel and morules in accurate diagnosis of endometrial precancers | Department of Pathology |

**Technological and Other Scientific Innovations**

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**Bibliography**

**Peer-Reviewed Publications**

Original Research Articles

|  |  |
| --- | --- |
|  | LI BA, Zheng Y, **Chen H**, et al. Specificity of lung tissue coating antigen from patients with severe acute respiratory syndrome. ACADEMIC JOURNAL OF SECOND MILITARY MEDICAL UNIVERSITY. 2003 May; 24(6): 35-37. |
|  | He WP, Zheng Y, Zhao J, **Chen H** et al. Relationship between SARS-related antibodies and steroid treatment and its clinical significance. Acad J Sec Mil Med Univ. 2003 Jun; 24(6): 32-36. |
|  | LI J, **Chen H**, LI BA, et al. Production of SARS coronavirus specific antibodies in SARS patients. Academic Journal of Second Military Medical University. 2003 Jul; 07(1): 21-23. |
|  | Cheng Y, Zheng Y, **Chen H**, et al. Severe Acute Respiratory Syndrome (SARS) patient serum antibody discovery and analysis of relevant. CHINESE JOURNAL OF MICROBIOLOGY AND IMMUNOLOGY. 2003 Aug; 23(5): R895. |
|  | **Chen H**, Li BA, Zhao J, et al. Production of SARS-related anti-lung autoantibodies. Academic Journal of Second Military Medical University. 2003 Oct; 08(1): 21-23. |
|  | Li J, Yu Zheng, **Chen H**, et al. Expression and biological activities of TRAIL fusion protein gene. Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi. 2003 Nov; 19(6): 535-537. |
|  | Dong Y, Zhang HF, **Chen H**, et al. The cytokine secretion of peripheral blood mononucleocytes from patients infected with HCV. Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi. 2004 May; 20(3): 331-333. Cited in PubMed; PMID: 15193231. |
|  | Gao R, **Chen H**, L i J, et al. Antibody responses of epitope mimic peptide of N terminus of hypervariable region of HCV. Journal of Digestive Surgery. 2004 Mar; 3(4): 291-293. |
|  | Zhao J, **Chen H**, et al. Anti-lung tissue antibodies in SARS patient: The potential role of allergic reaction in pathologic development of SARS. Academic Journal of Second Military Medical University. 2004 May; 24(6): R563.19. |
|  | Li A, Qi Y, **Chen H**, et al. Clinical analysis of quantity of HBV DNA, serological indexes, and pre-C/C mutation in chronic hepatitis B patients. BULLETIN OF THE ACADEMY OF MILITARY MEDICAL SCIENCES. 2004 Nov; 28(2): 152-154. |
|  | Zhao J, LI J, **Chen H**, et al. DNA immunization of mice with plasmid encoding mimic epitopes of hypervariable region 1 of hepatitis C virus. ACTA ACADEMIAE MEDICINAE MILITARIS TERTIAE. 2004 Dec; 26(24): 31-33. |
|  | Dong Y, Zhang HF, **Chen H**, et al. Peripheral blood T cell subsets and Th1/Th2 cytokines secretion in children with chronic hepatitis C virus infection. Zhonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi. 2007 Mar; 21(1): 26-28. |
|  | Dong Y, Zhang HF, **Chen H**, et al. Level of the cytokine secreted by periferal blood mononuclear cells in patients with chronic hepatitis C before antiviral therapy. Zhonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi. 2008 Oct; 22(5): 364-366. |
|  | Ranganathan, P., **Chen H**, M. K. Adelman, and S. F. Schluter. 2009. Autoantibodies to the delta-opioid receptor function as opioid agonists and display immunomodulatory activity. J Neuroimmunol 217:65-73. PMID: 19879656 |
|  | **Chen H**, S. Kshirsagar, I. Jensen, K. Lau, R. Covarrubias, S. F. Schluter, and J. J. Marchalonis. 2009. Characterization of arrangement and expression of the T cell receptor gamma locus in the sandbar shark. Proc Natl Acad Sci U S A 106:8591-8596. PMID: 19439654 |
|  | **Chen H**, S. Kshirsagar, I. Jensen, K. Lau, C. Simonson, and S. F. Schluter. 2009. Characterization of arrangement and expression of the beta-2 microglobulin locus in the sandbar and nurse shark. Dev Comp Immunol. 2010 Feb; 34(2):189-95. PMID: 19782101 |
|  | **Chen H**, Bernstein H, Ranganathan P, Schluter SF. Somatic hypermutation of TCR γ V genes in the sandbar shark. Dev Comp Immunol. 2012 May; 37(1):176-83. doi: 10.1016/j.dci.2011.08.018. Epub 2011 Sep 8. PMID: 21925537 |
|  | **Chen H**, Untiveros GM, McKee LAK, Perez J, Li J, et al. (2012) Micro-RNA-195 and -451 Regulate the LKB1/AMPK Signaling Axis by Targeting MO25. PLoS ONE 7(7): e41574. doi:10.1371/journal.pone.0041574. PMID: 22844503 |
|  | McKee LA, **Chen H**, Regan JA, Behunin SM, Walker JW, Walker JS, Konhilas JP. Sexually dimorphic myofilament function and cardiac troponin I phosphospecies distribution in hypertrophic cardiomyopathy mice. Arch Biochem Biophys. 2013 Jul 1; 535(1):39-48. Epub 2013 Jan 23. [co-first author] PMID: 23352598 |
|  | Perez JN, **Chen H**, Regan JA, Emert A, Constantopoulos E, Lynn M, Konhilas JP. Effects of chemically induced ovarian failure on voluntary wheel-running exercise and cardiac adaptation in mice. Comp Med. 2013 Jun; 63(3):233-43. [co-first author] PMID: 23759526 |
|  | **Chen H**, Hyosook Hwang1, Laurel A. McKee1, Jessica N. Perez1, Jessica A. Regan1, Eleni Constantopoulos, Bonnie LaFleur and John P. Konhilas. Temporal and morphological impact of pressure overload in R403Q mutant mice. Front. Physiol. | doi: 10.3389/fphys.2013.00205 PMID: 23986715 |
|  | **Chen H**, Perez JN, Regan JA, Emert A, Constantopoulos E, Lynn M, Konhilas JP. A method to study the impact of chemically-induced ovarian failure on exercise capacity and cardiac adaptation in mice. J Vis Exp. 2014 Apr 7;(86). PMID: 24747886 |
|  | Konhilas JP, **Chen H**, Luczak E, McKee LA, Regan J, Watson PA, Stauffer BL, Khalpey ZI, Mckinsey TA, Horn T, LaFleur B, Leinwand LA. Diet and sex modify exercise and cardiac adaptation in the mouse. Am J Physiol Heart Circ Physiol. 2015 Jan 15;308(2):H135-45. PMID: 25398983 |
|  | Yulia Lipovka, **Hao Chen,** Josef Vagner, Theodore J. Price, Tsu-Shuen Tsao and John P. Konhilas. Oestrogen receptors interact with the α-catalytic subunit of AMP-activated protein kinase Biosci Rep. 2015 Oct; 35(5): e00264. PMID: 26374855 |
|  | **Chen H**, Arnold S, Klein R, Chambers S, and Zheng WX. Fallopian tube cytology from patients with prophylactive salpingo-oophrectomy. [Cancer Cell Int](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5045608/).2016; 16: 78. Published online 2016 Oct 1. PMID: 27733814 |
|  | Christiane A Danilo, Eleni Constantopoulos, Laurel A McKee, **Hao Chen**, Jessica A Regan, Yulia Lipovka, Sampo Lahtinen, Lotta K Stenman, Thuy-Vi V Nguyen, Kristian P Doyle, Marvin J Slepian, John Konhilas, Ph.D. Bifidobacterium animalis subsp. lactis 420 mitigates the pathological impact of myocardial infarction in the mouse, Benef Microbes. 2017 Apr 26;8(2):257-269. doi: 10.3920/BM2016.0119. Epub 2017 Apr 14. PMID: 28409534 |
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Clinical Practice Guidelines

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**Non-peer reviewed scientific or medical publications/materials in print or other media (no abstracts)**

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