

## *Curriculum vitae*

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**Place of Birth:** Shandong, China

### **Education**

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

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

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

### **Current Licensure and Certification**

#### Licensure

Texas Medical Board Expires 05/2022

#### Board and Other Certification

American Board of Pathology Anatomical Pathology/Clinical Pathology 08/2017

### **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 |

**Faculty Academic Appointments**

| Year(s)      | Academic Title      | Department | Academic Institution           |
|--------------|---------------------|------------|--------------------------------|
| 2018–Present | Assistant Professor | Pathology  | UT Southwestern Medical Center |
|              |                     |            |                                |
|              |                     |            |                                |

**Appointments at Hospitals/Affiliated Institutions**

| <u>Past</u>    |                   |                     |   |
|----------------|-------------------|---------------------|---|
| Year(s)        | Position Title    | Department/Division | Institution   |
|                |                   |                     |   |
|                |                   |                     |   |
| <u>Current</u> |                   |                     |   |
| Year(s)        | Position Title    | Department/Division | Institution   |
| 2018–Present   | Staff Pathologist | Pathology           | Parkland Health & Hospital System                   |
| 2018–Present   | Staff Pathologist | Pathology           | UT Southwestern Medical Center Associated Hospitals |
|                |                   |                     |   |

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

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

**Major Administrative/Leadership Positions** *[Do not include Professional Society positions]*

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

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**Committee Service** (Member, unless noted otherwise) [Do not include Professional Society positions]

| Year(s)                       | Name of Committee | Institution/Organization          |
|-------------------------------|-------------------|-----------------------------------|
| <u>UTSW</u>                   |                   |                                   |
|                               |                   |                                   |
|                               |                   |                                   |
| <u>Hospital</u>               |                   |                                   |
| 2018-present                  | Cancer Committee  | Parkland Health & Hospital System |
|                               |                   |                                   |
| <u>State/Regional</u>         |                   |                                   |
|                               |                   |                                   |
|                               |                   |                                   |
| <u>National/International</u> |                   |                                   |
|                               |                   |                                   |
|                               |                   |                                   |

**Professional Societies** [List all society committees, leadership, and course leadership roles here]

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

**Grant Review Activities**

| Year(s) | Name of Review Committee | Organization |
|---------|--------------------------|--------------|
|         |                          |              |
|         |                          |              |

**Editorial Activities**

| Year(s) | Journal Name                   |
|---------|--------------------------------|
|         | <u>Editor/Associate Editor</u> |

|                               |   |
|-------------------------------|---|
|                               |   |
|                               |   |
| <b><u>Editorial Board</u></b> |   |
| 2022                          | International Journal of Surgical Pathology |
| 2022                          | World Journal of Hematology and Oncology    |
|                               |   |
| <b><u>Ad Hoc Reviewer</u></b> |   |
| 2022                          | Scientific Reports                          |
| 2022                          | Biomarkers                                  |

**Invited Lectures** [*Since last promotion/appointment*]

| Year(s)                      | Title   | Location                      |
|------------------------------|---|-------------------------------|
| <b><u>International</u></b>  |   |                               |
|                              |   |                               |
|                              |   |                               |
| <b><u>National</u></b>       |   |                               |
|                              |   |                               |
|                              |   |                               |
| <b><u>Regional/Local</u></b> |   |                               |
| 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 WISP conference    |
| 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 WISP conference    |

**Technological and Other Scientific Innovations**

|  |
|--|
| Innovation   |
| Patent, if any, pending or awarded /If described in print/on web, provide citation |
|  |
|  |

**Service to the Community**

| Year(s)   | Role | Organization or institution |
|---|------|-----------------------------|
| May include a brief, one-sentence description of each role if needed (optional) |      |                             |

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|--------------|--|------|
| 2021-present | Vetting and generating 2022, 2023 Resident Question Bank (RISE, PRISE, RQB exam) OB/GYN module | ASCP |
|              |  |      |

## **Bibliography**

**Peer-Reviewed Publications** (*List in chronological order with complete pagination. Authors should be listed in the same order as they appear in the published article. Do not include abstracts or submitted works.*)

### Original Research Articles

|     |   |
|-----|---|
| 1.  | LI BA, Zheng Y, <b>Chen H</b> , et al. Specificity of lung tissue coating antigen from patients with severe acute respiratory syndrome. <i>ACADEMIC JOURNAL OF SECOND MILITARY MEDICAL UNIVERSITY</i> . 2003 May; 24(6): 35-37.                   |
| 2.  | He WP, Zheng Y, Zhao J, <b>Chen H</b> et al. Relationship between SARS-related antibodies and steroid treatment and its clinical significance. <i>Acad J Sec Mil Med Univ</i> . 2003 Jun; 24(6): 32-36.   |
| 3.  | LI J, <b>Chen H</b> , LI BA, et al. Production of SARS coronavirus specific antibodies in SARS patients. <i>Academic Journal of Second Military Medical University</i> . 2003 Jul; 07(1): 21-23.  |
| 4.  | Cheng Y, Zheng Y, <b>Chen H</b> , et al. Severe Acute Respiratory Syndrome (SARS) patient serum antibody discovery and analysis of relevant. <i>CHINESE JOURNAL OF MICROBIOLOGY AND IMMUNOLOGY</i> . 2003 Aug; 23(5): R895.                       |
| 5.  | <b>Chen H</b> , Li BA, Zhao J, et al. Production of SARS-related anti-lung autoantibodies. <i>Academic Journal of Second Military Medical University</i> . 2003 Oct; 08(1): 21-23.  |
| 6.  | Li J, Yu Zheng, <b>Chen H</b> , et al. Expression and biological activities of TRAIL fusion protein gene. <i>Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi</i> . 2003 Nov; 19(6): 535-537.  |
| 7.  | Dong Y, Zhang HF, <b>Chen H</b> , et al. The cytokine secretion of peripheral blood mononucleocytes from patients infected with HCV. <i>Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi</i> . 2004 May; 20(3): 331-333. Cited in PubMed; PMID: 15193231.      |
| 8.  | Gao R, <b>Chen H</b> , L i J, et al. Antibody responses of epitope mimic peptide of N terminus of hypervariable region of HCV. <i>Journal of Digestive Surgery</i> . 2004 Mar; 3(4): 291-293.   |
| 9.  | Zhao J, <b>Chen H</b> , et al. Anti-lung tissue antibodies in SARS patient: The potential role of allergic reaction in pathologic development of SARS. <i>Academic Journal of Second Military Medical University</i> . 2004 May; 24(6): R563.19.  |
| 10. | Li A, Qi Y, <b>Chen H</b> , et al. Clinical analysis of quantity of HBV DNA, serological indexes, and pre-C/C mutation in chronic hepatitis B patients. <i>BULLETIN OF THE ACADEMY OF MILITARY MEDICAL SCIENCES</i> . 2004 Nov; 28(2): 152-154.   |
| 11. | Zhao J, LI J, <b>Chen H</b> , et al. DNA immunization of mice with plasmid encoding mimic epitopes of hypervariable region 1 of hepatitis C virus. <i>ACTA ACADEMIAE MEDICINAE MILITARIS TERTIAE</i> . 2004 Dec; 26(24): 31-33.                   |
| 12. | Dong Y, Zhang HF, <b>Chen H</b> , et al. Peripheral blood T cell subsets and Th1/Th2 cytokines secretion in children with chronic hepatitis C virus infection. <i>Zhonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi</i> . 2007 Mar; 21(1): 26-28. |

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| 13. | Dong Y, Zhang HF, <b>Chen H</b> , et al. Level of the cytokine secreted by periferal blood mononuclear cells in patients with chronic hepatitis C before antiviral therapy. <i>Zhonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi</i> . 2008 Oct; 22(5): 364-366.  |
| 14. | Ranganathan, P., <b>Chen H</b> , M. K. Adelman, and S. F. Schluter. 2009. Autoantibodies to the delta-opioid receptor function as opioid agonists and display immunomodulatory activity. <i>J Neuroimmunol</i> 217:65-73.   |
| 15. | <b>Chen H</b> , 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. <i>Proc Natl Acad Sci U S A</i> 106:8591-8596.   |
| 16. | <b>Chen H</b> , 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. <i>Dev Comp Immunol</i> . 2010 Feb; 34(2):189-95.   |
| 17. | <b>Chen H</b> , Bernstein H, Ranganathan P, Schluter SF. Somatic hypermutation of TCR $\gamma$ V genes in the sandbar shark. <i>Dev Comp Immunol</i> . 2012 May; 37(1):176-83. doi: 10.1016/j.dci.2011.08.018. Epub 2011 Sep 8.   |
| 18. | <b>Chen H</b> , 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. <i>PLoS ONE</i> 7(7): e41574. doi:10.1371/journal.pone.0041574.   |
| 19. | McKee LA, <b>Chen H*</b> , Regan JA, Behunin SM, Walker JW, Walker JS, Konhilas JP. Sexually dimorphic myofilament function and cardiac troponin I phosphospecies distribution in hypertrophic cardiomyopathy mice. <i>Arch Biochem Biophys</i> . 2013 Jul 1; 535(1):39-48. Epub 2013 Jan 23. * co-author   |
| 20. | Perez JN, <b>Chen H*</b> , 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. <i>Comp Med</i> . 2013 Jun; 63(3):233-43. * Co-author.  |
| 21. | <b>Chen H</b> , Hyosook Hwang <sup>1</sup> , Laurel A. McKee <sup>1</sup> , Jessica N. Perez <sup>1</sup> , Jessica A. Regan <sup>1</sup> , Eleni Constantopoulos, Bonnie LaFleur and John P. Konhilas. Temporal and morphological impact of pressure overload in R403Q mutant mice. <i>Front. Physiol.</i>   doi: 10.3389/fphys.2013.00205   |
| 22. | <b>Chen H</b> , 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. <i>J Vis Exp</i> . 2014 Apr 7;(86).  |
| 23. | Konhilas JP, <b>Chen H</b> , 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. <i>Am J Physiol Heart Circ Physiol</i> . 2015 Jan 15;308(2):H135-45.   |
| 24. | Yulia Lipovka, <b>Hao Chen</b> , Josef Vagner, Theodore J. Price, Tsu-Shuen Tsao and John P. Konhilas. Oestrogen receptors interact with the $\alpha$ -catalytic subunit of AMP-activated protein kinase <i>Biosci Rep</i> . 2015 Oct; 35(5): e00264.   |
| 25. | <b>Chen H</b> , Arnold S, Klein R, Chambers S, and Zheng WX. Fallopian tube cytology from patients with prophylactic salpingo-oophrectomy. <i>Cancer Cell Int</i> . 2016; 16: 78. Published online 2016 Oct 1.  |
| 26. | Christiane A Danilo, Eleni Constantopoulos, Laurel A McKee, <b>Hao Chen</b> , 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, <i>PLOS biology</i> , <i>Benef Microbes</i> . 2017 Apr 26;8(2):257-269. doi: 10.3920/BM2016.0119. Epub 2017 Apr 14. |
| 27. | <b>Chen H</b> , Arnold S, Klein R, Chambers S, and Zheng WX. Tubal cytology as a promising tool for ovarian cancer early detection. <i>J Vis Exp</i> . 2017 Jul 25;(125).   |

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|-----|---|
| 28. | Li L, Wang X, Park JY, <b>Chen H</b> , Wang Y, Zheng W. <b>Hum Pathol</b> . Pathological findings in explanted vaginal mesh. 2017 Sep 29. pii: S0046-8177(17)30349-0. doi: 10.1016/j.humpath.2017.07.020.   |
| 29. | Yiying Wang, <b>Chen H</b> , Miaoqing Zhao, Oluwole Fadare, Wenxin Zheng MD. Primary Ovarian Pregnancy: A case series and analysis. <b>Int J Gynecol Pathol</b> . 2019 Jan;38(1):85-91. doi: 10.1097/PGP.0000000000000482.  |
| 30. | Xu, H., Li, J., <b>Chen, H.</b> and Ghishan, F. K. NHE8 Deficiency Promotes Colitis-Associated Cancer in Mice via Expansion of Lgr5-Expressing Cells. <b>Cell Mol Gastroenterol Hepatol</b> . 2018 Aug 24;7(1):19-31. doi: 10.1016/j.jcmgh.2018.08.005. eCollection 2019.   |
| 31. | Lucas E1, <b>Chen H</b> , Molberg K, Castrillon DH, Rivera Colon G, Li L, Hinson S, Thibodeaux J, Lea J, Miller DS, Zheng W. Mismatch Repair Protein Expression in Endometrioid Intraepithelial Neoplasia/Atypical Hyperplasia: Should We Screen for Lynch Syndrome in Precancerous Lesions? <b>Int J Gynecol Pathol</b> . . 2019 Nov;38(6):533-542. doi: 10.1097/PGP.0000000000000557. [co-first author]   |
| 32. | Chen R, Zhang M, Liu W, <b>Chen H</b> , Cai T, Xiong H, Sheng X, Liu S, Peng J, Wang F, Chen H, Lin W, Xu X, Zheng W, Jiang Q. Estrogen affects the negative feedback loop of PTENP1-miR200c to inhibit PTEN expression in the development of endometrioid endometrial carcinoma. <b>Cell Death Dis</b> . 2018 Dec 18;10(1):4. doi: 10.1038/s41419-018-1207-4.  |
| 33. | Wang Y, <b>Chen H</b> , Jiang Q, Luo R, Zhou P, Wang Y, Zhao R, Fadare O, Zheng W. Effect of Progestin Usage on the Interpretation of Cervical High-grade Squamous Intraepithelial Lesion. <b>Am J Surg Pathol</b> . 2019 Aug;43(8):1066-1073 [co-first author]   |
| 34. | Rivera-Colon G, <b>Chen H</b> , Niu S, Lucas E, Holloway S, Carrick K, Gwin K, Lea J, Zheng W. Cervical Adenocarcinoma: Histopathologic Features from Biopsies to Predict Tumor Behavior. <b>Am J Surg Pathol</b> . 2020 Feb;44(2):247-254. doi: 10.1097/PAS.0000000000001379. [co-first author]  |
| 35. | Hongyi Zhang, Longchao Liu, Jian Zhang, Jiahui Chen, Jianfeng Ye, Sachet Shukla, Jian Qiao, Xiaowei Zhan, <b>Hao Chen</b> , Catherine Wu, and Yang-Xin Fu and Bo Li. Investigation of antigen-specific T cell receptor clusters in human cancers. <b>Clin Cancer Res</b> . 2020 Mar 15;26(6):1359-1371. doi: 10.1158/1078-0432.CCR-19-3249.   |
| 36. | T. Pham, B. Banerjee, B. Cromey, S. Mehra, B. Skovan, <b>H. Chen</b> , and K. Kieu. Feasibility of multimodal multiphoton microscopy to facilitate surgical margin assessment in pancreatic cancer, <b>Appl. Opt.</b> <b>59</b> , G1-G7 (2020).   |
| 37. | John P. Konhilas, Jessica N. Sanchez, Jessica Regan, Eleni Constantopoulos, Marissa Anne Pier, Danielle Cannon, Rinku Skaria, Laurel A. Mckee, <b>Hao Chen</b> , Yulia Lipovka, Dennis P. Pollow, Heddwen L. Brooks. Using 4-vinylcyclohexene diepoxide as a model of menopause for cardiovascular disease, <b>Am J Physiol Heart Circ Physiol</b> . 2020 Jun 1;318(6):H1461-H1473. doi: 10.1152/ajpheart.00555.2019. Epub 2020 May 8.            |
| 38. | <b>Hao Chen</b> , Kyle Molberg, Amanda L Strickland, Diego H Castrillon, Kelley Carrick, Qingping Jiang, Shuang Niu, Glorimar Rivera-Colon, Katja Gwin, Stacy Hinson, Jayanthi Lea, David S Miller, Wenxin Zheng, Elena Lucas. PD-L1 Expression and CD8+ Tumor-infiltrating Lymphocytes in Different Types of Tubo-Ovarian Carcinoma and Their Prognostic Value in High-grade Serous Carcinoma. <b>Am J Surg Pathol</b> 2020 May 6. doi: 10.1097. |
| 39. | <b>Chen, Hao</b> MD, PhD; Lucas, Elena MD; Strickland, Amanda L. MD; Carrick, Kelley MD; Gwin, Katja MD, PhD; Castrillon, Diego H. MD, PhD; Rivera-Colon, Glorimar MD; Niu, Shuang MD; Molberg, Kyle H. MD; Zheng, Wenxin MD. Specific Biomarker Expression Patterns in the Diagnosis of Residual and Recurrent Endometrial Precancers After Progestin Treatment A Longitudinal Study.  |

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|     | <b>Am J Surg Pathol</b> 2020: 2020 Oct;44(10):1429-1439. doi: 0.1097/PAS.0000000000001537.   |
| 40. | Zhou F, Zhang X, <b>Chen H</b> , Zheng W. Dedifferentiated Endometrioid Carcinomas with Neuroendocrine Differentiation: A Clinicopathological and Immunohistochemical Study of Three Cases. <b>Cancer Manag Res.</b> 2020 Nov 13;12:11623-11629. doi: 10.2147/CMAR.S279888. eCollection 2020.  |
| 41. | Glorimar Rivera-Colon M, <b>Hao Chen, MD</b> , Kyle Molberg, MD, Shuang Niu, MD, PhD, Amanda L. Strickland, MD, Diego H. Castrillon, MD, PhD, Kelley Carrick, MD, Katja Gwin, MD, Jayanthi Lea, MD, Wenxin Zheng, MD, Elena Lucas: PD-L1 expression in endocervical adenocarcinoma: Correlation with patterns of tumor invasion, CD8+ tumor-infiltrating lymphocytes, and clinical outcomes. <b>Am J Surg Pathol</b> . 2021 Jun 1;45(6):742-752. doi: 10.1097/PAS.0000000000001633. <b>(Co-first author)</b> |
| 42. | Mitzi Aguilar, He Zhang, Musi Zhang, Brandi Cantarell, Subhransu S. Sahoo, Hao-Dong Li, Ileana C. Cuevas, Jayanthi Lea, David S. Miller, <b>Hao Chen</b> , Wenxin Zheng, Jeffrey Gagan, Elena Lucas, Diego H. Castrillon. Serial genomic analysis of endometrium supports the existence of histologically indistinct endometrial cancer precursors. <b>J Pathol.</b> 2021 May;254(1):20-30. doi: 10.1002/path.5628. Epub 2021 Mar 9.   |
| 43. | Shuang Niu, Glorimar Rivera Colon, Kyle Molberg, <b>Hao Chen</b> , Kelley Carrick, Shirley Yan, Venetia Sarode, Elena Lucas. Significance of Oil-Red-O positive Macrophages in Bronchoalveolar Lavage in Diagnosing E-cigarettes or Vaping Product Use-associated Lung Injury: A Case Series" <b>Diagn Cytopathol.</b> 2021 Apr 26. doi: 10.1002/dc.24760. Online ahead of print.  |
| 44. | Feng Zhou, Yuezhou Chen, Amanda Louise Strickland, <b>Hao Chen</b> , Xiaofei Zhang. Prevalence of genotype-specific human papillomavirus in cytology specimens and cervical biopsies, and its implication in cervical cancer risk stratification: a retrospective study of 10647 cases. <b>Journal of Cancer</b> 2021; 12(23): 7167-7176. doi: 10.7150/jca.60601 Online ahead of print PMID: 34729118. <b>(Co-Corresponding author)</b>  |
| 45. | Mitzi Aguilar, <b>Hao Chen</b> , Glorimar Rivera-Colon, Shuang Niu, Kelley Carrick, Katja Gwin, Ileana C. Cuevas, Subhransu S. Sahoo, Hao-Dong Li, Song Zhang, Wenxin Zheng, Elena Lucas, Diego H. Castrillon. Reliable identification of endometrial precancers through combined Pax2, $\beta$ -catenin, and Pten immunohistochemistry. <b>Am J Surg Pathol.</b> 2022 Mar 1;46(3):404-414. PMID: 34545858   |
| 46. | Sridevi Challa, Beman R. Khulpateea, Tulip Nandu, Cristel V. Camacho, Keun W. Ryu, <b>Hao Chen</b> , Yan Peng, Jayanthi S. Lea, and W. Lee Kraus. Ribosome ADP-Ribosylation Inhibits Translation and Maintains Proteostasis in Cancers. <b>Cell.</b> 2021 Aug 19;184(17):4531-4546.e26. doi: 10.1016/j.cell.2021.07.005. Epub 2021 Jul 26.   |
| 47. | Minfen Zhang, Hui Chen, Ping Qin, Tonghui Cai, Lingjun Li, Ruichao Chen, <b>Hao Chen</b> , Amanda Strickland, Shaoyan Liu, Wanrun Lin, Hanzhen Xiong. UPF1 impacts on mTOR signaling pathway and autophagy in Endometrioid endometrial carcinoma. <b>Aging.</b> 2021 Sep 14;13(17):21202-21215. doi: 10.18632/aging.203421. Epub 2021 Sep 14.  |
| 48. | Qin Liu, Xin Zhou, Xiaofei Zhang, Amanda Louise Strickland, Wenxin Zheng, <b>Hao Chen</b> , Feng Zhou. HPV genotype specific and age stratified immediate prevalence of cervical precancers and cancers in women with NILM/hrHPV+: a single center retrospective study of 26228 cases. <b>Cancer Manag Res.</b> 2021 Sep 2;13:6869-6877. PMID: 34512026 PMCID: PMC8421554doi: 10.2147/CMAR.S328279. eCollection. <b>(Co-Corresponding author)</b>  |
| 49. | Lili Chen, Elena Lucas, Xiaofei Zhang, Qin Liu, Yalin Zhuang, Wanrun Lin, <b>Hao Chen</b> , Feng Zhou. PD-L1 expression in HPV-independent cervical adenocarcinoma and its   |



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|     | prognostic significance. <b>Histopathology</b> . Histopathology. 2021 Nov;79(5):861-871. doi: 10.1111/his.14435. Epub 2021 Sep 3. <b>(Co-Corresponding author)</b>   |
| 50. | Yue Wang, Ruby Jean Chang et al. among authors: <b>Hao Chen</b> . Tumoral Morphologic Features From Cervical Biopsies That Are Predictive of a Negligible Risk for Nodal Metastasis and Tumor Recurrence in Usual-type Cervical Adenocarcinomas: A Multi-institutional Study. <b>Am J Surg Pathol</b> . 2022 May 1;46(5):713-724. doi: 10.1097/PAS.0000000000001833  |
| 51. | Feng Zhou, MD, <b>Hao Chen</b> , MD, Meiping Li, MD, Amanda Louise Strickland, MD, Wenxin Zheng, MD, Xiaofei Zhang, MD. The prognostic values of HPV genotypes and tumor PD-L1 expression in patients with HPV associated endocervical adenocarcinoma. <b>Am J Surg Pathol</b> . 2022 Mar 1;46(3):300-308. PMID: 35175967 [ <b>co-first author</b> ]   |
| 52. | Subhransu S. Sahoo, Mitzi Aguilar, Yan Xu, Elena Lucas, Valerie Miller, <b>Hao Chen</b> , Wenxin Zheng, Ileana C. Cuevas, Hao-Dong Li, David Hitrys, Megan B. Wachsmann, Justin A. Bishop, Brandi Cantarell, Jeffrey Gagan, Prasad Koduru, Jeffrey A. SoRelle & Diego H. Castrillon. Endometrial polyps are non-neoplastic but harbor epithelial mutations in endometrial cancer drivers at low allelic frequencies. <b>Mod Pathol</b> (2022). PMID: 35798968 <a href="https://doi.org/10.1038/s41379-022-01124-5">https://doi.org/10.1038/s41379-022-01124-5</a> . Online ahead of print. |
| 53. | <b>Chen H</b> , Molberg K, Carrick K, Niu S, Rivera Colon G, Gwin K, Lewis C, Zheng W, Castrillon DH, Lucas E. Prevalence and prognostic significance of PD-L1, TIM-3 and B7-H3 expression in endometrial serous carcinoma. <b>Mod Pathol</b> . 2022 Jul 8. doi: 10.1038/s41379-022-01131-6. Epub ahead of print. PMID: 35804040.  |
| 54. | Shuang Niu, MD, PhD, Elena Lucas, MD, Kyle Molberg, MD, Amanda Strickland, MD, Yan Wang, MD, Kelley Carrick, MD, Glorimar Rivera-Colon, MD, Katja Gwin, MD, Jeffrey A. SoRelle, MD, Diego H. Castrillon, MD, PhD, Wenxin Zheng, MD, and <b>Hao Chen</b> , MD, PhD. Morules but Not Squamous Differentiation are a Reliable Indicator of CTNNB1 ( $\beta$ -catenin) Mutations in Endometrial Carcinoma and Precancers. <b>Am J Surg Pathol</b> 2022;00:000–000. Epub ahead of print. PMID: 35834400   |
| 55. | Daniel Laubitz, Michael A. Gurney, Monica Midura-Kiela, Christy Clutter, David G. Besselsen, <b>Hao Chen</b> , Fayez K. Ghishan & Pawel R. Kiela. NHE3 expression in colon cancer is associated with DNA damage, increased inflammation and tumor growth. <b>Sci Rep</b> . 2022 Aug 30;12(1):14725. doi: 10.1038/s41598-022-19091-x. PMID: 36042372  |
| 56. | Yu X, Lin W, Spirtos A, Wang Y, <b>Chen H</b> , Ye J, Parker J, Liu CC, Wang Y, Quinn G, Zhou F, Chambers SK, Lewis C, Lea J, Li B, Zheng W. Dissection of transcriptome dysregulation and immune characterization in women with germline BRCA1 mutation at single-cell resolution. <b>BMC Med</b> . 2022 Sep 9;20(1):283. doi: 10.1186/s12916-022-02489-9. PMID: 36076202; PMCID: PMC9461201.   |
| 57. | Tao Zhang, Xin Zhou, Xiaofei Zhang, Shuang Niu, <b>Hao Chen*</b> , Feng Zhou*. Discordance of PD-L1 expression in primary and metastatic ovarian high-grade serous carcinoma and its correlation with CD8+ tumor-infiltrating lymphocytes and patient prognosis. <b>Virchows Archiv</b> . 2023. Accepted. <b>(Co-Corresponding author)</b>   |
| 58. | Lili Chen, Xiaofei Zhang, Shuang, Niu, Qin Liu, Yalin Zhuang, <b>Hao Chen</b> , Feng Zhou. Assessment of HER2 in gastric type endocervical adenocarcinoma and its prognostic significance. <b>Modern Pathology</b> . 2023. Accepted. <b>(Co-Corresponding author)</b>  |
| 59. |  |

|    |   |
|----|---|
| 1. | <b>Chen H</b> , J.P. Konhilas. Probiotic Species on Cardiovascular Disease. In: Bioactive Food as Dietary Interventions for Cardiovascular Disease. Elsevier, 2013:303-317  |
| 2. | <b>Hao Chen</b> , Charles Matthew Quick, Oluwole Fadare, and Wenxin Zheng. Chapter 8. Germ Cell Tumors and Mixed Germ Cell Sex Cord-Stromal Tumors of the Ovary. W. Zheng et al. (eds.), Gynecologic and Obstetric Pathology, Volume 2. Springer, Singapore. ISBN 978-981-13-3018-6                 |
| 3. | <b>Chen H</b> , W Zheng. Chapter 8. Endometrial premalignant lesions. Yee Khong, Annie NY Cheung, Wenxin Zheng (eds.), Diagnostic endometrial pathology (second edition). CRC Press. ISBN 9781138626416   |
| 4. | <b>Chen H</b> , W Zheng. Chapter 9. Endometrial malignant lesions. Yee Khong, Annie NY Cheung, Wenxin Zheng (eds.), Diagnostic endometrial pathology (second edition). CRC Press. ISBN 9781138626416  |
| 5. | Chang R, <b>Chen H</b> . Disordered proliferative. PathologyOutlines.com website. <a href="https://www.pathologyoutlines.com/topic/uterusdisorderedproliferative.html">https://www.pathologyoutlines.com/topic/uterusdisorderedproliferative.html</a> . 2021. <b>(corresponding author)</b>         |
| 6. | Sorelle N, Chang R, <b>Chen H</b> . Ectopic / tubal pregnancy. PathologyOutlines.com website. <a href="https://www.pathologyoutlines.com/topic/fallopianubeseptopicpregnancy0.html">https://www.pathologyoutlines.com/topic/fallopianubeseptopicpregnancy0.html</a> . <b>(corresponding author)</b> |
| 7. | <b>Chen H</b> , Guo D, et al. Chapter 17. Precursor lesions of endometrial cancer. W. Zheng et al. (eds.), Gynecologic and Obstetric Pathology (2nd edition, Chinese version) Science Press Beijing, Springer.  |
| 8. | <b>Chen H</b> , Strickland AL, Castrillon DH. Histopathologic diagnosis of endometrial precancers: Updates and future directions. Semin Diagn Pathol. 2022 May;39(3):137-147. PMID: 34920905; PMCID: PMC9035046.  |
| 9. | Chang RJ, Rivera-Colon G, <b>Chen H</b> , Niu S, Carrick K, Lucas E, Gwin K, Zheng W. Navigating through perplex morphologic changes after exogenous hormone usage. Semin Diagn Pathol. 2022 May;39(3):148-158. doi: 10.1053/j.semmp.2021.10.001..  |

### Books/Textbooks

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| 1. |  |
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### Case Reports

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|----|---|
| 1. | Chan O, <b>Chen H</b> , Krishnadasan R, Anwer F. Case of relentless chronic phase of chronic myeloid leukaemia. BMJ Case Rep. 2016 Jun 22;2016.   |
| 2. | Srinath Sundararajan, <b>Chen H</b> , Abhijeet Kumar, Katalin Tus, Andrew Yeager, and Soham Puvvada. Donor-derived marginal zone lymphoma following reduced-intensity allogeneic peripheral blood stem cell transplant. Leuk Lymphoma. 2016 Jul;57(7):1735-8.   |
| 3. | Glorimar Rivera Colón, Shuang Niu, <b>Hao Chen</b> , Yan Peng. Collision Tumor of Endometrial Large Cell Neuroendocrine Carcinoma and Low-grade Endometrial Stromal Sarcoma: a case report and review of the literature. International Journal of Surgical Pathology. Int J Surg Pathol. 2020 Aug;28(5):569-573. doi: 10.1177/1066896920901764. Epub 2020 Jan 28. |
| 4. | Yao Sun, Yuezhou Chen, Xiaofei Zhang, <b>Hao Chen</b> , Feng Zhou. Primary ovarian serous carcinomas with extensive squamous differentiation: a case report and literature review. BMC Womens Health. 2021 May 8;21(1):193. doi: 10.1186/s12905-021-01336-y.PMID: 33964926 PMCID: PMC8106833 DOI: 10.1186/s12905-021-01336-y                                      |

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|----|---|
| 5. | Vandana Panwar, MD Yu Liu, MD, PhD Katja Gwin, MD <b>Hao Chen</b> , MD, PhD. COL1A1-PDGFB fusion associated fibrosarcoma of the uterine corpus: A case report and literature review. Int J Gynecol Pathol. 2022. Published ahead of print, pending PMID. (Corresponding author)   |
| 6. | Samantha Mendoza Stanteen, Taemee Pak, <b>Hao Chen</b> , Matthew Carlson, and Jessica Lee. Clear Cell Carcinoma Arising from Ovarian and Thoracic Endometriosis: A Case Report and Review of Literature. Volume 2022   Article ID 7624305   <a href="https://doi.org/10.1155/2022/7624305">https://doi.org/10.1155/2022/7624305</a>   |
| 7. | Deepak Donthi, MD, <b>Hao Chen</b> , MD PhD, Yan Peng, MD PhD, Shuang Niu, MD PhD. Ovarian microcystic stromal tumor with intraovarian recurrence and peritoneal and omental spread: a case report with morphological, immunohistochemical and molecular analysis. Int J Gynecol Pathol. 2022 Aug 9. doi: 10.1097/PGP.0000000000000906. Online ahead of print. PMID: 36044304 DOI: 10.1097/PGP.0000000000000906 |

Letters to the Editor

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Proceedings of Meetings

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Clinical Practice Guidelines

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**Non-peer reviewed scientific or medical publications/materials in print or other media**

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