

Phoebe Meredith Hammer

- Affiliate, Department Funds
- Fellow in Pathology

Publications

PUBLICATIONS

- **Compartmental shift and prognostic significance of IGF2 expression in uterine serous and carcinosarcoma**
Sasse, S., Kingsley, L., Shahryari, J., Lawson, S., Kasimov, A., Zdravkovic, S., Hammer, P., Howitt, B.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2026: S421
- **Clinicopathologic features of uterine carcinosarcoma: Revisiting prognostic significance of the sarcomatous component**
Sasse, S., Hammer, P., Lawson, S., Zhang, J., Kasimov, A., Howitt, B.
ACADEMIC PRESS INC ELSEVIER SCIENCE.2026: 388
- **Diagnostic Utility of Novel Marker TRIM63 ISH in the Workup of Uterine Perivascular Epithelioid Cell Tumors**
Hammer, P., Liang, B., Longacre, T., Howitt, B., Sangoi, A.
ELSEVIER SCIENCE INC.2026
- **Assessing the diagnostic utility of immunohistochemical surrogates of recurrent molecular alterations in uterine smooth muscle tumors: a clinicopathological study of 85 benign, borderline, and malignant cases**
Younes, S., Hammer, P., Kasimov, A., Lawson, S., Charville, G., Howitt, B.
ELSEVIER SCIENCE INC.2026
- **Prevalence and Significance of Adenosarcoma-like Morphology in Uterine Carcinosarcoma**
Gao, H., Hammer, P., Sasse, S., Bagci-Turkmen, S., Kasimov, A., Finch, L., Howitt, B.
ELSEVIER SCIENCE INC.2026
- **ERBB2/ERBB3-Mutated SOX10/S100-Positive Cervical and Uterine Sarcomas: Multi-Institutional Series of 8 Cases Emphasizing Mimicry of Melanoma and MPNST**
Mack, T., Hammer, P., Charville, G., Longacre, T., Xing, D., Gross, J., Boroujeni, A.
ELSEVIER SCIENCE INC.2026
- **Clinicopathologic and Molecular Features of Tubo-Ovarian Carcinosarcomas with an Emphasis on p53 Wild-Type, KRAS-Mutated Tumors.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Hammer, P. M., Kingsley, L. G., Sasse, S. A., Howitt, B. E.
2026: 100971
- **Mammary small cell neuroendocrine carcinomas that showed excellent pathologic response following etoposide-based neoadjuvant chemotherapy.** *Breast cancer research and treatment*
Hammer, P. M., Enamandram, S., Ikeda, D. M., Lam, M. M., Wapnir, I. L., Chamberlain, E. D., Shaheen, S., Caswell-Jin, J. L., Itakura, H., Bean, G. R.
2025; 215 (1): 10
- **Educational case: Estrogen-receptor positive breast cancer: Diagnosis, response to therapy, and prognosis.** *Academic pathology*
Afifi, A., Hammer, P., Ernst, K.
2025; 12 (3): 100210
- **Folate receptor alpha (FR α /FOLR1) and HER2 immunohistochemical staining in high-grade endometrial carcinoma with aberrant p53 expression.** *Histopathology*
McHenry, A., Liang, B., Libert, D., Hammer, P. M., Tokuyama, M., Tenney, T., Zhang, X., Folkins, A., Longacre, T. A., Howitt, B. E.
2025

- **Single cell characterization of uterine carcinosarcoma and analysis of transcriptomic shifts in tumor-associated macrophages in metastatic and chemotherapy-treated tumors.**
Nief, C. A., Zdravkovic, S., Nasr, S., Hammer, P., Howitt, B.
LIPPINCOTT WILLIAMS & WILKINS.2025: e17615
- **Dominant Negative PTEN Alterations in Endometrial Carcinoma Are Associated With Retained Immunohistochemical PTEN Expression.** *The American journal of surgical pathology*
Keyhanian, K., Busca, A., Howitt, B., Hammer, P., Kingsley, L., Lo, B.
2025
- **Comparison of Endometrial Serous and Gastric HER2 Immunohistochemistry Scoring Schemes in Endometrial Carcinomas With Aberrant p53 Expression: Reproducibility and In Situ Hybridization Correlation.** *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists*
McHenry, A., Liang, B., Hammer, P. M., Libert, D., Mack, T., Tokuyama, M., Tenney, T., Zhang, X., Folkins, A., Longacre, T. A., Howitt, B. E.
2025
- **Corrigendum to "POLE-Mutated Uterine Carcinosarcomas: A Clinicopathologic and Molecular Study of 11 Cases": [Modern Pathology 38 (2025) 100676].** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Hammer, P. M., Momeni-Boroujeni, A., Kolin, D. L., Kingsley, L., Folkins, A., Geisick, R. L., Ho, C., Suarez, C. J., Howitt, B. E.
2025: 100784
- **Molecular Insights into the "Estrogenic Link" between Sex Cord-Stromal Tumors and Endometrial Carcinomas**
Cataldas, Y., Hammer, P., Donthi, D., Falzarano, S., Gars, E., Kolin, D., Mahadik, J., Neil, A., Parra-Herran, C., Rivera-Zengotita, M., Sharma, A., Nucci, M., Rabban, et al
ELSEVIER SCIENCE INC.2025
- **Clinicopathologic and Molecular Features of Ovarian Carcinosarcomas**
Hammer, P., Kingsley, L., Sasse, S., Howitt, B.
ELSEVIER SCIENCE INC.2025
- **Low-Risk HPV-Associated Squamous Cell Carcinomas Comprise a Subset of High-Risk HPV-Independent Squamous Cell Carcinomas of the Uterine Cervix**
Liang, B., Hammer, P., Gedalovich, J., Mack, T., Yang, E., Kong, C., Longacre, T.
ELSEVIER SCIENCE INC.2025
- **So-called "Infiltrating Epitheliosis" Shows a Spectrum of Morphologic and Molecular Features: Is It a Precursor for Malignancy?**
Hammer, P., Winters, C., Dussaq, A., Rutland, C., Allison, K., Bean, G.
ELSEVIER SCIENCE INC.2025
- **POLE-mutated uterine carcinosarcomas: a clinicopathologic and molecular study of 11 cases.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Hammer, P. M., Momeni-Boroujeni, A., Kolin, D. L., Kingsley, L., Folkins, A., Geisick, R. L., Ho, C., Suarez, C. J., Howitt, B. E.
2024: 100676
- **Prognostic performance of FIGO 2023 endometrial carcinoma staging: a comparison to FIGO 2009 staging in the setting of known and unknown molecular classification.** *Histopathology*
Libert, D., Hammer, P. M., Hui, C., Kidd, E. A., Folkins, A. K., Longacre, T., Yang, E. J., Charu, V., Howitt, B. E.
2024
- **Molecular Classification Outperforms Histologic Classification in Prognostication of High-grade Endometrial Carcinomas With Undifferentiated and Sarcomatous Components.** *The American journal of surgical pathology*
Hammer, P. M., Wang, A., Vermij, L., Zdravkovic, S., Heilbronner, L., Ryan, E., Geisick, R. L., Charu, V., Longacre, T. A., Suarez, C. J., Ho, C., Jenkins, T. M., Mills, et al
2024
- **Endometrioid Endometrial RNA Index Predicts Recurrence in Stage I Patients.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Nief, C. A., Hammer, P. M., Wang, A., Charu, V., Tanweer, A., Litkouhi, B., Kidd, E., Gentles, A. J., Howitt, B. E.
2024
- **Perivascular Epithelioid Cell-Family Tumors in Children, Adolescents and Young Adults: Clinicopathologic Features in 70 Cases.** *Archives of pathology & laboratory medicine*

- Hammer, P. M., Toland, A., Shaheen, M., Shenoy, A., Esnakula, A., Hicks, M. J., Warran, M., Al-Ibraheemi, A., Davis, J. L., Tan, S. Y.
2024
- **Soft Tissue Perivascular Epithelioid Cell Tumors.** *Surgical pathology clinics*
Hammer, P. M., Tan, S. Y.
2024; 17 (1): 105-118
 - **A Picture is Worth 1000 Pathological Learning Points: Creating Visual Pathology Teaching Materials Appropriate for Pre-Clerkship Medical Student Learning**
Affi, A., Cobos, J., Hammer, P., Gilbert, A., Bharani, K., Wang, C., Kuhlmann, R., Ernst, K.
ELSEVIER SCIENCE INC.2024: S1978-S1979
 - **Characterization of folate receptor alpha expression in non-high-grade serous gynecologic tumors**
Liang, B., Tenney, T., Tokuyama, M., Hammer, P., Zdravkovic, S., Howitt, B.
BMJ PUBLISHING GROUP.2023: A158-A159
 - **Does lymph node assessment change the prognostic significance of substantial LVSI and p53 status in endometrial endometrioid carcinoma?** *Gynecologic oncology*
Hui, C., Mendoza, M. G., von Eyben, R., Dorigo, O., Litkouhi, B., Renz, M., Karam, A., Hammer, P. M., Howitt, B. E., Kidd, E.
2023; 177: 150-156
 - **Detection of FOXL2 C134W Mutation Status by a Novel BaseScope-ISH Assay is Highly Sensitive and Specific for Adult Granulosa Cell Tumors.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*
Hammer, P. M., Wang, A., Beard, C., Zdravkovic, S., Tenney, T., Liang, B., Das, I., Bremer, R., Wang, L. C., McCluggage, W. G., Stewart, C. J., Howitt, B. E.
2023: 100318
 - **Polarization of Endothelial and Epithelial Cell States Predicts Recurrence in Endometrial Endometrioid Carcinoma**
Nief, C., Hammer, P., Wang, A., Gentles, A., Howitt, B.
ELSEVIER SCIENCE INC.2023: S962-S963
 - **TCGA Molecular Subgroup Shows Greater Prognostic Significance Than Histologic Diagnosis in High-Grade Endometrial Carcinomas with Spindled, Undifferentiated and Sarcomatous Components**
Hammer, P., Wang, A., Zdravkovic, S., Heilbroner, L., Ryan, E., Mills, A., Jenkins, T., Howitt, B.
ELSEVIER SCIENCE INC.2023: S913-S914
 - **A Subset of SMARCB1 (INI-1) Deficient Vulvar Neoplasms Express Germ Cell Markers.** *Histopathology*
Hammer, P. M., Kolin, D. L., Charville, G. W., McCluggage, W. G., Howitt, B. E.
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 - **A Subset of SMARCB1 (INI-1) Deficient Vulvar Neoplasms are Positive for Germ Cell Markers**
Hammer, P., McCluggage, W., Kolin, D., Howitt, B.
SPRINGER NATURE.2022: 755-756
 - **A Subset of SMARCB1 (INI-1) Deficient Vulvar Neoplasms are Positive for Germ Cell Markers**
Hammer, P., McCluggage, W., Kolin, D., Howitt, B.
SPRINGER NATURE.2022: 755-756
 - **Intravascular adenomyomatosis: a morphologic variant of intravenous leiomyomatosis associated with endometriosis and potential for misdiagnosis.** *Human pathology*
Fitzpatrick, M. B., Hammer, P. M., Yang, E. J., Howitt, B. E.
2021
 - **Black and Blue: Eyes and Dyes**
Sobel, R., Nirschl, J., Hammer, P., Sanchez, R., Pershing, S., Louie, C., Lin, J.
OXFORD UNIV PRESS INC.2021: 579
 - **Molecular Classification of Endometrial Carcinomas with Long-Term Follow-up**
Hammer, P., Albro, J., Squires, C., Peters-Schulze, G., Sharp, B., Charu, V., Cessna, M., Howitt, B.
SPRINGER NATURE.2021: 691-693

- **100 Years of the Pathology Medical Student Fellowship: Impacts on Undergraduate Education and Career Choices**
Hammer, P., Ireland, K., Houghton, D., Jagers, A., Coleman, A., Snir, O., Troxell, M., Andeen, N.
SPRINGERNATURE.2021: 332–33
- **Well-differentiated lipomatous neoplasms with p53 alterations: A clinicopathologic and molecular study of eight cases with features of atypical pleomorphic lipomatous tumor.** *Histopathology*
Hammer, P. M., Kunder, C. A., Howitt, B. E., Charville, G. W.
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- **One Hundred Years of the Pathology Medical Student Fellowship.** *Archives of pathology & laboratory medicine*
Hammer, P., Ireland, K., Houghton, D. C., Jagers, A., Coleman, A., Snir, O. L., Troxell, M. L., Andeen, N. K.
2021
- **Differential Diagnosis of a Unique Vulvar Mass in an Adolescent.** *Obstetrics and gynecology*
Chow, S., Doyle, A., Hammer, P., Tyson, N. A.
2021
- **The utility and challenges of histopathologic evaluation in the diagnosis of nonmalignant skin ulcers.** *Wound repair and regeneration : official publication of the Wound Healing Society [and] the European Tissue Repair Society*
Hammer, P., Latour, E., Bohnett, M. C., McKenzie, F., Korcheva, V. B., Mengden, S., White, K. P., Ortega-Loayza, A. G.
2020; 28 (2): 219-223
- **Characterisation and diagnosis of ulcers in inpatient dermatology consultation services: A multi-centre study.** *International wound journal*
Haynes, D., Hammer, P., Malachowski, S. J., Kaffenberger, B., Yi, J. S., Vera, N., Calhoun, C., Shinohara, M. M., Seminario-Vidal, L., Trinidad, J. C., Keller, J. J., Ortega-Loayza, A. G.
2019; 16 (6): 1440-1444
- **Nipple leiomyoma: A rare neoplasm with a broad spectrum of histologic appearances.** *Journal of cutaneous pathology*
Hammer, P., White, K., Mengden, S., Korcheva, V., Raess, P. W.
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