

Laura M. Warmke

Department of Pathology and Laboratory Medicine
Indiana University School of Medicine
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EDUCATION:

POSTDOCTORAL

<u>Institution</u>	<u>Degree</u>	<u>Date Awarded</u>
Virginia Commonwealth University School of Medicine, Richmond, VA	Residency in Anatomic Pathology and Clinical Pathology	June 2018

GRADUATE

<u>Institution</u>	<u>Degree</u>	<u>Date Awarded</u>
Virginia Commonwealth University School of Medicine, Richmond, VA	MD	May 2014

UNDERGRADUATE

<u>Institution</u>	<u>Degree</u>	<u>Date Awarded</u>
University of Virginia, Charlottesville, VA	BSc, Chemistry with Distinction	May 2009

FURTHER EDUCATION:

<u>Institution</u>	<u>Credential</u>	<u>Date Awarded</u>
The University of Texas MD Anderson Cancer Center, Houston, TX	Selective Soft Tissue Pathology Fellowship	June 2020
The University of Texas MD Anderson Cancer Center, Houston, TX	Selective Surgical Pathology Fellowship	June 2019

APPOINTMENTS:

ACADEMIC

<u>Institution</u>	<u>Rank/Title</u>	<u>Inclusive Dates</u>
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Indiana University School of Medicine, Indianapolis, IN	Assistant Professor of Pathology and Laboratory Medicine	August 2020 - Present
Virginia Commonwealth University School of Medicine, Richmond, VA	Chief Resident	2017-2018

NON-ACADEMIC

<u>Institution/Entity</u>	<u>Title</u>	<u>Inclusive Dates</u>
Boehringer Ingelheim	Consultant, MDM2-P53 Advisory Board	2023

LICENSURE, CERTIFICATION, SPECIALTY BOARD STATUS:

<u>Credential</u>	<u>Number</u>	<u>Inclusive Dates</u>
Indiana State Medical License	01083659A	March 2020 - Present
Diplomate, American Board of Anatomic Pathology and Clinical Pathology	18-475	June 2018 - Present

PROFESSIONAL ORGANIZATION MEMBERSHIPS:

<u>Organization</u>	<u>Inclusive Dates</u>
United States and Canadian Academy of Pathology (USCAP)	2014 - Present
College of American Pathologists (CAP)	2014 - Present
American Society of Clinical Pathology (ASCP)	2014 - Present
Virginia Society of Pathology (VSP)	2014 – 2018
Texas Society of Pathologists (TSP)	2018 – 2020
Indiana Association of Pathologists (IAP)	2020 – Present
International Skeletal Society (ISS)	2024 – Present

PROFESSIONAL HONORS AND AWARDS:

TEACHING

<u>Award Name</u>	<u>Granted By</u>	<u>Date Awarded</u>
*Faculty Award for Excellence in Anatomic Pathology Teaching	Department of Pathology and Laboratory Medicine, IU School of Medicine	2024

Oncologic Pathology Staff Award: Recognition of the Best Fellow Lecture	Department of Pathology and Laboratory Medicine, MD Anderson Cancer Center	2019
Fergus O'M Shiel Teaching Excellence Award	Department of Pathology and Laboratory Medicine, VCU School of Medicine	2016
JSR Tutor Award	J. Sargeant Reynolds Community College	2010
JSR Tutor Award	J. Sargeant Reynolds Community College	2009

RESEARCH

<u>Award Name</u>	<u>Granted By</u>	<u>Date Awarded</u>
Resident Research Award	Department of Pathology and Laboratory Medicine, VCU School of Medicine	2015

SERVICE

<u>Award Name</u>	<u>Granted By</u>	<u>Date Awarded</u>
*ASCP 40 Under Forty	American Society for Clinical Pathology	2024
*Best Author Award	PathologyOutlines.com	2022
Clinical Pathology Service Award	Department of Pathology and Laboratory Medicine, VCU School of Medicine	2016

*ASCP 40 Under Forty: ASCP is the largest pathology organization that educates and advocates for the field of pathology with a community of +100,000 professionals. The 40 Under Forty program celebrates the brightest emerging leaders and innovators of pathology and laboratory medicine. Forty individuals across the country are chosen annually through an application and nomination process.

*Best Author Award: PathologyOutlines.com, a multi-authored online textbook, recognizes author excellence with their annual Best Author Awards. In 2022, only four entries, including my chapter on alveolar soft part sarcoma, received the award.

OVERALL/OTHER

<u>Award Name</u>	<u>Granted By</u>	<u>Date Awarded</u>
Educational Foundation Board Scholarship	Texas Society of Pathologists	2018

Leadership Development Award	College of American Pathologists (CAP) Foundation	2017
Travel Stipend	Arthur Purdy Stout Society	2017
Surgical Pathology Award	Department of Pathology and Laboratory Medicine, VCU School of Medicine	2016
Highest Resident Average on Rosai Surgical Pathology Quizzes	Department of Pathology and Laboratory Medicine, VCU School of Medicine	2015
Pathology Honor Society	VCU School of Medicine	2014
Women's Singles Table Tennis Champion	Carytown Cup, Pong RVA	2014
Phi Beta Kappa, Honor Society	Phi Beta Kappa, University of Virginia Chapter	2008
Raven Society, Honor Society	Raven Society, University of Virginia	2008
Madison House Volunteer Award (Over 100 hours of service)	Madison House, University of Virginia	2008
Golden Key International Honor Society	Golden Key, University of Virginia Chapter	2007
Phi Eta Sigma, Honor Society	Phi Eta Sigma, University of Virginia Chapter	2006
Unrated Table Tennis Singles Champion	Virginia Open	2006
Echols Scholarship	University of Virginia	2005

PROFESSIONAL DEVELOPMENT:

<u>Course/Workshop Title</u>	<u>Provider</u>	<u>Date</u>
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State-of-the-Art Updates in Musculoskeletal Radiology	International Skeletal Society	September 2025
State-of-the-Art Updates in Musculoskeletal Pathology	International Skeletal Society	September 2025
State-of-the-Art Updates in Oncologic Orthopedic Surgery	International Skeletal Society	September 2025
Updates on Amyloid	International Skeletal Society	September 2025
Updates on Wear Debris	International Skeletal Society	September 2025
<i>EWSR1::SS18</i> Gene Fusions	International Skeletal Society	September 2025
<i>FET::CREB</i> Associated Neoplasms with Updates	International Skeletal Society	September 2025
Molecular Updates on Dedifferentiated Chondrosarcoma	International Skeletal Society	September 2025
Updates on Methylation Profiling	International Skeletal Society	September 2025
New Name, Same Entity? <i>FN1</i> : Chondroid Synoviocytic Neoplasm versus...	International Skeletal Society	September 2025
Conundrums of Intermediate Bone Tumors: The Fine Line Between Benign and Malignant	International Skeletal Society	September 2025
Epithelioid Mesenchymal Tumors with <i>SMARCB1</i> Alteration	International Skeletal Society	September 2025
Unmasking Fibro-Osseous Lesions: From the	International Skeletal Society	September 2025

Common to the
Challenging

Langerhans Cell Histiocytosis- A Histiocytic/Dendritic (Fibroblastic Reticulum) Tumor?	International Skeletal Society	September 2025
Updates on Nerve Sheath Tumors	International Skeletal Society	September 2025
Chondrosarcoma and Precursor Lesions- A Tale of Biologic Progression	International Skeletal Society	September 2025
What is in a Name: Current Understandings of Infantile Fibrosarcoma & Kinase- Driven Spindle Cell Neoplasms	IMPERAS Sarcoma Session	July 2025
Comprehensive and Immersive Soft Tissue Pathology Course	Cleveland Clinic	May 2025
Soft Tissue Tumor Slide Seminar	IMPERAS Sarcoma Session	May 2025
Select Updates in Bone and Soft Tissue Pathology with an Emphasis on Differential Diagnoses	IMPERAS Sarcoma Session	January 2025
MSK Radiology General Approach	International Skeletal Society	September 2024
Bone and Soft Tissue Pathology General Approach	International Skeletal Society	September 2024
Orthopedic Oncology General Approach	International Skeletal Society	September 2024

Avascular Necrosis and Other Subchondral Osteonecrosis Mimickers	International Skeletal Society	September 2024
Updates in SAPHO	International Skeletal Society	September 2024
Fat Fanatics: What is New in Fatty Tumors?	International Skeletal Society	September 2024
Update in Round Cell Tumors	International Skeletal Society	September 2024
Spindled Savors- What is New in Spindle Cell Sarcoma	International Skeletal Society	September 2024
Pleomorphic Protagonists: What is New in Molecular Genetics with Pleomorphic Sarcomas?	International Skeletal Society	September 2024
Cartilage Tumors: An Overview Including “Pearls and Pitfalls”	International Skeletal Society	September 2024
Bone Bombers: “Dedifferentiation” in Osteosarcoma	International Skeletal Society	September 2024
A Look Toward the Future: Molecular Updates in Bone and Soft Tissue Pathology	International Skeletal Society	September 2024
The Future of MSK Radiology	International Skeletal Society	September 2024
Ancient Bones Tell Tales	International Skeletal Society	September 2024
The Future of Orthopedic Oncologic Surgery	International Skeletal Society	September 2024
Current and Future Technique: Methylome Profiling	International Skeletal Society	September 2024

Dilemmas and Delights in Bone and Soft Tissue Pathology	USCAP Interactive Center	December 2022
Mesenchymal Tumors: From Head to Toe (and Everything in Between)	USCAP Interactive Center	December 2021
A Wolf in Sheep's Clothing: Subtle Signs of Cancer and its Mimics in the Gastrointestinal Tract	USCAP	March 2021
Surgical Pathology Evening Course	USCAP	March 2021
Bone and Soft Tissue Evening Course: My Favorite Mistake and How to Avoid Making It	USCAP	March 2021
Demystifying Serrated Neoplasia of the Large Intestine	USCAP	March 2021
Pediatric Vascular Tumors Beyond Hemangiomas	USCAP	March 2021
Rhabdomyosarcoma, Rhabdoid Tumor and Histologic Mimics	USCAP	March 2021
Undifferentiated Round Cell Sarcomas: Beyond Ewing	USCAP	March 2021
Non-Neoplastic Bone and Soft Tissue Lesions and Neoplastic Mimickers	USCAP	March 2021
GYN Biopsies	USCAP	March 2021
Lab Management University	ASCP	2015

Biomedical Research Training	CITI	2015 - Present
Residents as Teachers Level 2 Training	Stanford Faculty Development Framework for Clinical Teaching	2015
Emergency Medical Technician- Basic	East Hanover Volunteer Rescue Squad	2009 - 2010

TEACHING:

GRADUATE

<u>Course #</u>	<u>Short Title</u>	<u>Format</u>	<u>Role</u>	<u>Term</u>	<u>Enrollment</u>
*S87	Musculoskeletal Pathology for IUSM medical students	Interactive Session	Instructor	Fall 2025	75
*S43	Inflammatory Components of Disease for IUSM medical students	Interactive Session	Instructor	Spring 2023	75
*N/A	Preparing for Professional Practice for IUSM medical students	Journal Club Groups	Facilitator	Fall 2021 Spring 2022	8

POSTGRADUATE

<u>Short Title</u>	<u>Format</u>	<u>Role</u>	<u>Term</u>	<u>Enrollment</u>
*ACGME Fellowship in Bone and Soft Tissue Pathology	Lecture, One-on-One	Training Faculty	2025	1
*Bone and Soft Tissue Pathology Journal Club	Journal Club	Instructor	2025	24
*Bone and Soft Tissue Pathology Morning Conference for	Lecture	Lecturer	2025 2024 2023 2022	24

IUSM Pathology Residents and Fellows 2021

*Bone and Soft Tissue Pathology Slide Session for IUSM Pathology Residents and Fellows	Slide Session	Instructor	2025 2024 2023 2022 2021	24
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*Bone and Soft Tissue Pathology Lecture Series for MedStar Health-Georgetown University Pathology Residents	Lecture	Lecturer	2025 2024 2023 2022	12
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MENTORING:

<u>Individual</u>	<u>Role</u>	<u>Inclusive Dates</u>	<u>Outcome</u>
Emma Tinkham	Research Mentor	2021	High school student co-authored a manuscript.
Muhammad Shaheen, MD	Research Mentor	2022	Resident first authored an abstract and manuscript.
Ahmet Surucu, MD	Research Mentor	2022	Resident first authored an abstract.
Bianca Puello Yocum, MD	Research Mentor	2022-2023	Resident first authored an abstract and prepared a manuscript.
Ani Toklu, MD	Resident Research Mentor, Current Fellow	2022-2024 2025-2026	As resident, first author of two abstracts and presentation at Grand Rounds.
Jessica Muldoon, MD	Research Mentor	2022-2025	Resident first authored an abstract and manuscript under review.

Asma Abu-Salah, MD	Research Mentor	2023	Resident first authored an abstract.
Ahmad Alkashash, MBBS	Research Mentor	2023-2024	Resident co-authored an abstract and a PathologyOutlines.com textbook chapter.
Nabeel Ashraf, MD	Research Mentor	2024	Resident co-authored a PathologyOutlines.com textbook chapter.
Adeyinka Akinsanya, MBBS	Research Mentor	2024	Resident co-authored a PathologyOutlines.com textbook chapter.
Harini Venkatraman Ravisankar, MBBS	Research Mentor	2024	Resident co-authored a PathologyOutlines.com textbook chapter.
Patrick Azar, MD	Research Mentor	2024	Resident co-authored a PathologyOutlines.com textbook chapter.
Reem Youssef, MBBS	Research Mentor	2024	Resident first authored an abstract.
Melissa Hruby, DO	Research Mentor	2024-2025	Resident first authored a manuscript and abstract.
Eric Honaker, MD	Research Mentor	2025	Resident first authored a manuscript.
Azadeh Samiei, MD	Fellowship Mentor	2026-2027	Future Fellow (career mentoring during residency)

INVITED PRESENTATIONS

LOCAL

<u>Title</u>	<u>Organization</u>	<u>Date</u>
*Review of Rhabdomyosarcoma	IU School of Medicine	June 2025
*Benign Lipomatous Tumors	IU School of Medicine	January 2025

*Benign Fibroblastic/Myofibroblastic Proliferations	IU School of Medicine	December 2024
*Intermediate and Malignant Vascular Tumors	IU School of Medicine	November 2024
*Benign Vascular Tumors and Malformations	IU School of Medicine	September 2024
*Nerve Sheath Tumors	IU School of Medicine	March 2024
*Practical Soft Tissue Cases: Slide Review	IU School of Medicine	January 2023
*Introduction to Soft Tissue Pathology	IU School of Medicine	January 2023
*Practical Use of Immunohistochemistry in Bone and Soft Tissue Pathology	IU School of Medicine	April 2022
*Sclerosing Epithelioid Fibrosarcoma: A Distinct Sarcoma with Aggressive Features	IU Department of Pathology Grand Rounds	April 2022
*RISE Review: Bone and Soft Tissue Pathology	IU School of Medicine	February 2022
*Introduction to Bone and Soft Tissue Pathology	IU School of Medicine	August 2021
*Sarcoma Unknowns: Osteogenic Lesions	IU School of Medicine	March 2021
*Bone and Soft Tissue Pathology Unknowns	IU School of Medicine	February 2021
Sarcoma Unknowns: Osteogenic Lesions	MD Anderson Cancer Center	November 2019
Sarcoma Section QI Presentation: Comparison	MD Anderson Cancer Center	June 2019

of Core Biopsy and
Resection Diagnoses of
Bone Lesions

Adamantinoma-like Ewing Sarcoma	MD Anderson Cancer Center	March 2019
Gastrointestinal Pathology Unknowns	MD Anderson Cancer Center	February 2019
Current Topics in Graduate Medical Education	VCU Department of Pathology Grand Rounds	June 2018
Forensic Pathology: Body Packing and Stuffing	VCU School of Medicine	May 2017
Performance Enhancing Drugs in Sport	VCU School of Medicine	August 2016
Microbiology of Cystic Fibrosis	VCU School of Medicine	November 2015
Nocardiosis	VCU School of Medicine	November 2015
<i>Streptococcus anginosus</i>	VCU School of Medicine	November 2015
Zygomycosis	VCU School of Medicine	November 2015
<i>Alloiococcus</i>	VCU School of Medicine	November 2015

REGIONAL

<u>Title</u>	<u>Organization</u>	<u>Date</u>
*Bone and Soft Tissue Pathology Specimens: Introduction to Preparation of Diagnostic Materials in the Laboratory	Indiana Society of Histotechnology 2023 Spring Symposium	March 2023
Paratesticular Clear Cell Carcinoma of Mullerian Origin	Citywide Conference in Houston, TX	May 2019

NATIONAL

<u>Title</u>	<u>Organization</u>	<u>Date</u>
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*Translocations in Mesenchymal Neoplasms- Entity Defining, Helpful, and Just Plain Confusing	Grand Rounds at Johns Hopkins University	December 2025
*Nerve Sheath Tumors	Georgetown University	July 2025
*Review of Rhabdomyosarcoma	Georgetown University	June 2025
*Non-Neoplastic Bone and Soft Tissue Lesions and Neoplastic Mimickers: What We All See Every Day. What You Don't Know Can Definitely Hurt You!	2023 ASCP Annual Meeting	October 2023
*Introduction to Soft Tissue Pathology	Georgetown University	May 2022
*Bone Tumors: Osteogenic and Chondrogenic Tumors	Georgetown University	May 2022
Diagnostic Utility of Molecular Pathology in Primary Bone Tumors	Invited Lecture at Johns Hopkins University	August 2019

INTERNATIONAL

<u>Title</u>	<u>Organization</u>	<u>Date</u>
*Histology Directed Therapy for Soft Tissue Tumors: Differential Diagnoses Not to Miss! (Short Course)	United States and Canadian Academy of Pathology (USCAP) 2026 Annual Meeting in San Antonio, TX	March 2026
*Bone and Soft Tissue Pathology Evening Specialty Conference (Case Presentation)	USCAP 2026 Annual Meeting in San Antonio, TX	March 2026
*Case 35. Coccidioides infection complicated by fracture.	International Skeletal Society 2025 Annual Meeting in Lisbon, Portugal	September 2025

*Case 43. Malignant PEComa of bone with TSC2 inactivating mutation.	International Skeletal Society 2025 Annual Meeting in Lisbon, Portugal	September 2025
*Case 52. Malignant transformation of fibrous dysplasia into osteosarcoma in the setting of McCune-Albright syndrome.	International Skeletal Society 2025 Annual Meeting in Lisbon, Portugal	September 2025
*Novel Findings in Fusion-Driven Sarcomas: A Series of Cases	IMPERAS Sarcoma Session hosted by Dr. Isidro Machado in Valencia, Spain	February 2025
*Case 34. <i>EWSR1::NFATC2</i> sarcoma of bone.	International Skeletal Society 2024 Annual Meeting in Montreal, Canada	September 2024
*Case 48. Intraosseous spindle cell rhabdomyosarcoma with <i>EWSR1::TFCP2</i> .	International Skeletal Society 2024 Annual Meeting in Montreal, Canada	September 2024
*Round Cell Sarcomas and Mimics: A Series of Cases	Chinese American Pathologists Association (CAPA)	May 2021

SERVICE:

UNIVERSITY SERVICE:

DEPARTMENT

<u>Activity</u>	<u>Role</u>	<u>Inclusive Dates</u>
*IU School of Medicine ACGME-Accredited Bone and Soft Tissue Pathology Fellowship Program	Fellowship Program Director	2023 - Present
*Clinical Competency Committee, Anatomic & Clinical Pathology Residency Program	Chair	Member, 2020 – Present; Chair, 2023 - Present

*Pathology Residency Applicant Interviews	Interviewer	2023 – Present
*Director of Surgical Pathology Search Committee	Committee Member	2023 - 2025
*Medical Director of Histology Lab Search Committee	Committee Member	2023
*Surgical Pathology Faculty Search Committee	Committee Member	2020 – Present
*Bone and Soft Tissue Pathology Section Education Champion	Education Champion	2024 - Present
*Publication Committee	Committee Member	2025 - Present

PROFESSIONAL SERVICE:

REGIONAL

<u>Organization</u>	<u>Activity</u>	<u>Inclusive Dates</u>
*Indiana Association of Pathologists	Committee Member, Continuing Medical Education (CME) Committee	2025 – Present

NATIONAL

<u>Organization</u>	<u>Activity</u>	<u>Inclusive Dates</u>
Accreditation Council for Graduate Medical Education (ACGME)	Resident Member, Pathology Milestone 2.0 Working Group	2018 – 2019
ACGME	Resident Member, ACGME Review Committee for Pathology	2017 – 2019
ACGME	Resident Member, ACGME Council of Review Committee Residents (CRCR)	2017 – 2019
College of American Pathologists	Delegate, Resident Forum	2015 – 2017

INTERNATIONAL

<u>Organization</u>	<u>Activity</u>	<u>Inclusive Dates</u>
*IU Dermatopathology Review Course	Lecturer on soft tissue pathology topics (583 enrolled students in 2025)	2025 - Present
*United States and Canadian Academy of Pathology (USCAP)	Abstract Reviewer, General Surgical Pathology	2025 - 2028
*PathologyOutlines.com	Editorial Board Member, Bone and Soft Tissue Pathology	2024 – Present
* <i>Modern Pathology</i>	Reviewer	2023 – Present
* <i>Virchows Archiv</i>	Reviewer	2025 – Present
* <i>Histopathology</i>	Reviewer	2025 – Present

PATIENT CARE/CLINICAL SERVICE:

<u>Position</u>	<u>Description</u>	<u>Inclusive Dates</u>
*Bone and Soft Tissue Pathology Service Consultant	Provide expert histologic assessment of patient specimens for challenging bone and soft tissue pathology cases.	2020 – Present
*Bone and Soft Tissue Pathology Intraoperative Consultant	Provide expert histologic assessment of intraoperative frozen sections for challenging bone and soft tissue pathology cases. This requires on-call responsibilities.	2020 – Present
*Sarcoma Tumor Board	Provide expert review of bone and soft tissue pathology cases at weekly tumor board and contribute to multidisciplinary sarcoma care.	2020 – Present

*Orthopedic Tumor Board	Provide pathologic correlation for challenging bone and soft tissue pathology cases with the Divisions of Musculoskeletal Radiology and Orthopedic Surgery.	2020 – Present
*Bone and Soft Tissue Pathology Service Consultant, On-Call	Provide consultations on weekends and after hours for challenging bone and soft tissue pathology cases.	2020 - Present

PUBLICATIONS:

SERVICE

Refereed Journal Articles

1. ***Warmke LM**, Folpe AL. Fusion-positive soft tissue tumors: A selective review. *Semin Diagn Pathol.* 2026 Mar 4:150997. doi: 10.1016/j.semdp.2026.150997. Epub ahead of print. PMID: 41807226
2. ***Warmke LM**, Toklu A, Richardson SM, Collier CD, Wurtz LD, Ladd LM, Shrestha R, Conway DJ. *TRAF7*-Mutated Fibromyxoid Spindle Cell Tumor of Bone: An Osseous Case Expanding the Spectrum of *TRAF7*-Mutated Tumors With Over 20 Years Clinical Follow-Up. *Genes Chromosomes Cancer.* 2026 Mar; 65(3): e70118. doi: 10.1002/gcc.70118. PMID: 41811066
3. *Kallen ME, Perret R, Charville GW, Michal M, **Warmke LM**, Larousserie F, Höeller S, Lee JC, Min VLK, Shuliang G, Nor FEM, Le Loarer F, Tan SY, Reith JD, Morris CD, Levin AS, Lindsey BA, Zou Y, Baraban EG, Fayad LM, Gross JM. Does This Imaging Make Me Look *NFATC2*? The Value of Radiologic-pathologic Correlation in *NFATC2*-rearranged Sarcomas of Bone. *Am J Surg Pathol.* 2026 Mar 2. doi: 10.1097/PAS.0000000000002518. Epub ahead of print. PMID: 41769939
4. *Michal M, Malik F, Mansour B, Hattery T, Dehner CA, Martínek P, Hájková V, Vaněček T, Chrisinger JSA, Machado I, Klubíčková N, Sumathi VP, Ng T, **Warmke L**, Oon ML, Petersson F, Argani P, Gross JM, Michal M, Antonescu CR, Dermawan JK. FET-Rearranged Myoepithelial Tumors Are Clinically Heterogeneous and Epigenetically Distinct from *PLAG1*-Rearranged Adnexal and Salivary Gland Myoepithelial Tumors. *Clin Cancer Res.* 2026 Feb 4;32(3):628-644. doi: 10.1158/1078-0432.CCR-25-2426. PMID: 41342886
5. *Jennings LJ, **Warmke LM**, Volek M, Duckett D, Nayar R, Pollack SM, Peabody TD, Samet J, Alexiev BA. Undifferentiated Small Round Cell Sarcomas of Bone

and Soft Tissue With *EWSR1/FUS::NFATC2* Fusions. *Arch Pathol Lab Med*. 2025 Oct 31. doi: 10.5858/arpa.2025-0202-RA. Epub ahead of print. PMID: 41167264.

6. †*Hruby MD, **Warmke LM**, Dehner CA, González IA. Histopathologic characterization of Morel-Lavallée lesion: Report of 6 cases and review of the literature. *Ann Diagn Pathol*. 2025 Oct 20;80:152580. doi: 10.1016/j.anndiagpath.2025.152580. Epub ahead of print. PMID: 41130167.
7. †*Honaker EC, **Warmke LM**, Baptiste A, Baumhoer D, Baranov E, Halper-Stromberg E, Dehner CA. CD34-Positive Acral Chondromyxoid Mesenchymal Neoplasm Harboring a Novel *TCF4::ERG* Fusion. *Genes Chromosomes Cancer*. 2025 Jul;64(8):e70073. doi: 10.1002/gcc.70073. PMID: 40878874.
8. *Obid R, Green AR, Jasmine SW, Kowal RP, Abro B, **Warmke LM**, Czader MB, Alomari AK, Dehner CA. An Unusual Case of Cutaneous Langerhans Cell Sarcoma Lacking S100 Expression: A Case Report and Review of the Literature. *J Cutan Pathol*. 2025 Sep;52(9):554-567. doi: 10.1111/cup.14833. Epub 2025 Jun 24. PMID: 40555459.
9. *Lobo J, Tavares NT, Fonseca D, Jerónimo C, Henrique R, Wyvekens N, Yang Y, Snuderl M, Maclean F, Gordetsky J, Fletcher CD, Hirsch MS, Hornick JL, Idrees MT, Collins K, **Warmke L**, Ulbright TM, Acosta AM. MicroRNA-371-373 cluster and methylome analysis suggests that a subset of 'somatic-type' malignancies arising in germ cell tumors may originate in yolk sac tumor components. *J Pathol*. 2025 Jun;266(2):160-176. doi: 10.1002/path.6412. Epub 2025 Mar 28. PMID: 40152072.
10. ***Warmke LM**, Ameline B, Fritchie KJ, Dehner CA, Agaimy A, Din NU, Miettinen MM, Dermawan JK, Gross JM, Thangaiah JJ, Chrisinger JSA, Suster DI, Perret R, Le Loarer F, Charville GW, Buehler D, Yeung MCF, Smith BF, Baumhoer D, Davis JL. *YAP1::KMT2A*-rearranged sarcomas harbor a unique methylation profile and are distinct from sclerosing epithelioid fibrosarcoma and low-grade fibromyxoid sarcoma. *Virchows Arch*. 2025 Mar;486(3):457-477. doi: 10.1007/s00428-024-03995-2. Epub 2024 Dec 6. PMID: 39641785.
11. ***Warmke LM**, Davis JL, Al-Ibraheemi A, Arnold M, Tan S, Shenoy A, Surrey LF, Parham DM, Rudzinski ER. Loss of H3K27me3 Is Not Specific to Malignant Triton Tumor: Immunohistochemical Analysis of 23 Cases of Embryonal Rhabdomyosarcoma. *Arch Pathol Lab Med*. 2025 Oct 1;149(10):944-949. doi: 10.5858/arpa.2024-0199-OA. PMID: 39957203.
12. *Dehner CA, **Warmke LM**, Umphress B, Malik F, Cloutier JM, Dermawan JK, Fritz M, Que SKT, Ameline B, Fritchie KJ, Kerr DA, Linos K, Baumhoer D, Billings SD, Folpe AL. Superficial Neurocristic FET::ETS Fusion Tumor: Expanding the Clinicopathological and Molecular Genetic Spectrum of a Recently Described

Entity. *Mod Pathol.* 2025 Feb;38(2):100656. doi: 10.1016/j.modpat.2024.100656. Epub 2024 Nov 8. PMID: 39522640.

13. ***Warmke LM**, Strike SA, Fayad LM, Ahlawat S, Liu YJ, Mata DA, Rooper L, Baraban E, Zou YS, Gross JM. Undifferentiated Round Cell Sarcoma With *CRTC1::SS18* Fusion: Expanding Clinicopathologic Features of a Rare Translocation Sarcoma With Prominent Desmoplastic Stroma. *Mod Pathol.* 2024 Sep;37(9):100555. doi: 10.1016/j.modpat.2024.100555. Epub 2024 Jul 6. PMID: 38972355.
14. ***Warmke LM**, Collier CD, Niziolek PJ, Davis JL, Zou YS, Michal M, Bell RC, Policarpio-Nicolas MLC, Cheng YW, Duckworth L, Dermawan JK, Fritchie KJ, Dehner CA. Novel *CRTC1::MRTFB(MKL2)* Gene Fusion Detected in Myxoid Mesenchymal Neoplasms With Myogenic Differentiation Involving Bone and Soft Tissues. *Mod Pathol.* 2024 Jul;37(7):100518. doi: 10.1016/j.modpat.2024.100518. Epub 2024 May 17. PMID: 38763420. *This work described a new entity that was later confirmed by the group at the University of Florida.*
15. ***Shiyanbola O**, Nigdelioglu R, Dhall D, González IA, **Warmke LM**, Schechter S, Choi WT, Hu S, Voltaggio L, Zhang Y, Liang TZ, Ko HM, Charville GW, Longacre TA. Extraskeletal Ewing Sarcoma of the Gastrointestinal and Hepatobiliary Tract: Deceptive Immunophenotype Commonly Leads to Misdiagnosis. *Am J Surg Pathol.* 2024 Sep 1;48(9):1185-1194. doi: 10.1097/PAS.0000000000002236. Epub 2024 May 17. PMID: 38767576.
16. ***Dehner CA**, Torres-Mora J, Gupta S, Kipp BR, Halling KC, Chen S, **Warmke LM**, Michal M, Alani A, Yu W, Kovacs K, Obeidin F, Iwenofu OH, Satturwar S, Meis JM, Folpe AL. Sarcomas Harboring *EWSR1::PATZ1* Fusions: A Clinicopathologic Study of 17 Cases. *Mod Pathol.* 2024 Feb;37(2):100400. doi: 10.1016/j.modpat.2023.100400. Epub 2023 Dec 1. PMID: 38043789.
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Refereed Book Chapters

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Refereed Abstracts/Posters

1. *Suster DI, Gross JM, **Warmke LM**, Meyer A, Charville GW. Osteosarcoma in adults over 40: A clinicopathologic study of 58 patients. *Accepted for presentation at the 2026 USCAP Annual Meeting in San Antonio, TX.*
2. *Kosemehmetoglu K, Gross JM, Agaimy A, Amary F, Dehner CA, Fanburg-Smith JC, Nielsen GP, Ud Din N, **Warmke LM**, Williams EA, Hung Y, Rosenberg AE. Kinase-fusion mesenchymal neoplasms of bone: A multi-institutional series of 9 cases. *Accepted for presentation at the 2026 USCAP Annual Meeting in San Antonio, TX.*

3. *Boles BL, Ameline B, Hung Y, Berthold R, Michal M, Wangsiricharoen S, **Warmke LM**, Gross JM, Kao E, Baranov E, Cooper K, Molligan J, Jebastian Thangaiah J, Torres-Mora J, Hartmann W, Nielsen GP, Baumhoer D, Dehner CA. Clinicopathologic and epigenetic characterization of *NFATc1/2* fusion-associated neoplasms including undifferentiated high-grade sarcomas, vascular lesions, and simple bone cysts. *Accepted for presentation at the 2026 USCAP Annual Meeting in San Antonio, TX.*
4. *Dehner CA, Torres-Mora J, Thangaiah JJ, **Warmke LM**, et al. Atypical spindle cell/pleomorphic lipomatous tumor: Where to draw the line? *Platform presentation at the 2025 USCAP Annual Meeting in Boston, MA.*
5. †*Hruby M, **Warmke LM**. Cellular myoid neoplasm with *SRF::ICA1L* fusion: Importance of long-term clinical follow-up with potential for malignant behavior. *Poster presentation at the 2024 Association of Molecular Pathology Annual Meeting in Vancouver, Canada.*
6. †*Youssef R, **Warmke LM**, Dehner CA. Clinicopathologic and molecular characterization of a series of non-uterine malignant perivascular epithelioid cell neoplasm (PEComa). *Poster presentation at the 2024 CAP Annual Meeting in Las Vegas, NV.*
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9. †*Jackson BA, Rosenheck MS, Russell CC, Armstrong SA, **Warmke LM**, Schmidt CM, Nguyen TK, House MG. Hepatic epithelioid hemangioendothelioma: A single institution experience. *Presented at the 2024 International Hepato-Pancreato Biliary Association (IHPBA) Meeting in Cape Town, South Africa and Americas Hepato-Pancreato-Biliary Association (AHPBA) Annual Meeting in Miami, FL.*
10. *Lobo J, Jeronimo C, Henrique RM, Idrees MT, Collins K, **Warmke LM**, Ulbright TM, Acosta AM. MicroRNA-371-373 cluster analysis suggests that a subset of “somatic-type” malignancies arising in germ cell tumors originate in yolk sac

components. *Presented at the 2024 United States and Canadian Academy of Pathology Annual Meeting in Baltimore, MD.*

11. †*Toklu A, **Warmke LM**, Umphress B. Fibro-osseous pseudotumor of the digit: An unexpected diagnosis of a rare entity. *Presented at the 60th Annual Meeting of The American Society of Dermatopathology (ASDP).*
12. †*Alkashash A, **Warmke L**. Hybrid pleomorphic hyalinizing angiectactic tumor (PHAT)/hemosiderotic fibrolipomatous tumor (HFLT) with rare progression to myxoid sarcoma: a case report. *Presented at the 2023 College of American Pathologists Meeting.*
13. †*Abu-Salah A, **Warmke L**, Davis JL. Intraosseous epithelioid and spindle cell rhabdomyosarcoma with *TFCP2* rearrangement and ALK overexpression, a case report. *Presented at the 2023 College of American Pathologists Meeting.*
14. †*Muldoon J, **Warmke L**. Extraskeletal mesenchymal chondrosarcoma mimicking a thrombosed venous aneurysm with femoral vein involvement: a case report. *Presented at the 2022 College of American Pathologists Meeting.*
15. †*Puella Yocum B, **Warmke L**. Matrix-associated sarcoma clinically mimicking a thrombosed (pseudo)aneurysm: an important diagnostic pitfall. *Presented at the 2022 College of American Pathologists Meeting.*
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17. †*Surucu A, **Warmke L**. Lipoblastoma-like tumor of the vulva: a rare benign mesenchymal neoplasm mimicking myxoid liposarcoma. *Presented at the 2022 American Society of Clinical Pathology Annual Meeting.*
18. †*Shaheen M, Nassiri M, **Warmke L**. Focal myositis with CD8+ T-cell predominance: an inflammatory myositis mimicking a soft tissue neoplasm. *Presented at the 2022 American Society of Clinical Pathology Annual Meeting.*
19. *Collins K, **Warmke L**, Idrees M. Perinephric myxoid pseudotumor of fat: a rare and emerging entity. *Presented at the 2021 College of American Pathologists Meeting.*

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21. *Collins K, Brocken E, Phillips CL, **Warmke L**, Hwang M. Renal lipomatosis associated with transplantation: a rare entity and diagnostic challenge. *Presented at the 2021 College of American Pathologists Meeting.*
22. **Warmke L**, Meis J. Comparison of core biopsy and resection specimen diagnoses of bone lesions at a musculoskeletal tumor center. *Presented at the 2019 United States and Canadian Academy of Pathology Annual Meeting in National Harbor, Maryland.*
23. Sayeed S, Xing D, Weisman P, Buehler D, **Warmke L**, Uram-Tuculescu C, Cortese C, Schoolmeester JK. Prognostic criteria in vulvar and vaginal smooth muscle tumors: evaluation of 68 cases comparing multiple classification systems. *Presented at the 2017 United States and Canadian Academy of Pathology Annual Meeting in San Antonio, TX.*
24. **Warmke L**, Wiles A, Dumur CI, Contos MJ, Smith SC. Next-generation sequencing (NGS) solves autopsy mystery of metastatic poorly differentiated malignancy. *Presented at the 2016 United States and Canadian Academy of Pathology Annual Meeting in Seattle, WA.*
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27. **Warmke L**, Vadlamudi N, Idowu MO, Contos MJ. What is the clinical significance of intestinal metaplasia in stomach biopsies of pediatric patients? *Presented at the 2015 United States and Canadian Academy of Pathology Annual Meeting in Boston, MA.*
28. **Warmke L**, Grimes M. Cardiovascular pathology in obstructive sleep apnea: A retrospective autopsy study. *Presented at the 2013 United States and Canadian Academy of Pathology Annual Meeting in Baltimore, MD.*

KEY: † indicates publications in which I served as a mentor of trainees, * indicates in-rank effort