

# Stanford

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## Jeffrey Mark Cloutier

- Affiliate, Dean's Office Operations - Dean Other
- Fellow in Pathology
- Resident in Pathology

### Bio

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#### HONORS AND AWARDS

- American Society of Dermatopathology Duel Award, ASDP (2019)
- Arthur Purdy Stout Stipend Award, Arthur Purdy Stout Society of Surgical Pathologists (2019)
- American Society of Dermatopathology Mentorship Award, ASDP (2018)
- Trainee Mentored Award in Precision Health, Department of Pathology, Stanford University School of Medicine (2018)
- NIH Marshall Scholar, Marshall Aid Commemoration Commission, National Institutes of Health (2009-2013)

#### PROFESSIONAL EDUCATION

- Fellowship, Stanford University School of Medicine , Dermatopathology (2021)
- Residency, Stanford University School of Medicine , Anatomic Pathology (2020)
- M.D., Johns Hopkins University School of Medicine , Medical Education (2017)
- Ph.D., University College London , Genetics (2013)
- B.A., Middlebury College , Molecular Biology and Biochemistry (2009)

### Publications

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#### PUBLICATIONS

- **Soft tissue pathology for the radiologist: a tumor board primer with 2020 WHO classification update.** *Skeletal radiology*  
Kuhn, K. J., Cloutier, J. M., Boutin, R. D., Steffner, R., Riley, G.  
2020
- **Cutaneous Pleomorphic Fibromas Arising in Patients with Germline TP53 Mutations.** *Journal of cutaneous pathology*  
Cloutier, J. M., Shalin, S. C., Lindberg, M., Gardner, J. M., Fernandez-Pol, S., Zaba, L., Novoa, R., Brown, R. A.  
2020
- **Tumor-Immune Microenvironment and PD-L1 Expression in SMARCB1/INI1-Deficient Tumors: A Potential Role for Immune-Modulatory Therapy**  
Cloutier, J., Charville, G.  
NATURE PUBLISHING GROUP.2020: 39–40
- **DDIT3 Immunohistochemistry Is a Useful Tool for the Diagnosis of Myxoid Liposarcoma.** *The American journal of surgical pathology*  
Scapa, J. V., Cloutier, J. M., Raghavan, S. S., Peters-Schulze, G., Varma, S., Charville, G. W.  
2020
- **Necrotic Keratinocytes Are Common in Psoriasis and Have a Predilection to the Upper Epidermis: A Quantitative and Comparative Analysis.** *The American Journal of dermatopathology*  
Cloutier, J. M., Hsi, A., Camacho, C., Lazova, R.

2019

- **Biomarker discovery analysis: Alterations in p14, p16, p53, and BAP1 expression in nevi, cutaneous melanoma, and metastatic melanoma.** *Pigment cell & melanoma research*

Sargen, M. R., Cloutier, J. M., Sarin, K. Y., Rieger, K. E., Chu, P., Swetter, S. M., Novoa, R. A.

2019

- **Diagnostic classification of soft tissue malignancies: A review and update from a surgical pathology perspective.** *Current problems in cancer*

Cloutier, J. M., Charville, G. W.

2019

- **Metastatic breast Cancer simulating well-differentiated neuroendocrine neoplasms of visceral organs.** *Human pathology*

Cloutier, J., Thompson, E. D., Cimino-Mathews, A., Rooper, L. M., Matoso, A., Argani, P.

2018

- **Interrogating the Functions of PRDM9 Domains in Meiosis.** *Genetics*

Thibault-Sennett, S., Yu, Q., Smagulova, F., Cloutier, J., Brick, K., Camerini-Otero, R. D., Petukhova, G. V.

2018

- **Mammalian meiotic silencing exhibits sexually dimorphic features** *CHROMOSOMA*

Cloutier, J. M., Mahadevaiah, S. K., Elinati, E., Toth, A., Turner, J.

2016; 125 (2): 215-226

- **Histone H2AFX Links Meiotic Chromosome Asynapsis to Prophase I Oocyte Loss in Mammals** *PLOS GENETICS*

Cloutier, J. M., Mahadevaiah, S. K., Elinati, E., Nussenzweig, A., Toth, A., Turner, J. M.

2015; 11 (10)

- **Antagonistic roles of ubiquitin ligase HEI10 and SUMO ligase RNF212 regulate meiotic recombination.** *Nature genetics*

Qiao, H., Prasada Rao, H. B., Yang, Y., Fong, J. H., Cloutier, J. M., Deacon, D. C., Nagel, K. E., Swartz, R. K., Strong, E., Holloway, J. K., Cohen, P. E., Schimenti, J., Ward, et al

2014; 46 (2): 194-199

- **ATR acts stage specifically to regulate multiple aspects of mammalian meiotic silencing** *GENES & DEVELOPMENT*

Royo, H., Prosser, H., Ruzankina, Y., Mahadevaiah, S. K., Cloutier, J. M., Baumann, M., Fukuda, T., Hoog, C., Toth, A., De Rooij, D. G., Bradley, A., Brown, E. J., Turner, et al

2013; 27 (13): 1484-1494

- **Meiotic DNA double-strand breaks and chromosome asynapsis in mice are monitored by distinct HORMAD2-independent and -dependent mechanisms** *GENES & DEVELOPMENT*

Wojtasz, L., Cloutier, J. M., Baumann, M., Daniel, K., Varga, J., Fu, J., Anastassiadis, K., Stewart, A. F., Remenyi, A., Turner, J. M., Toth, A.

2012; 26 (9): 958-973

- **Meiotic sex chromosome inactivation** *CURRENT BIOLOGY*

Cloutier, J. M., Turner, J. M.

2010; 20 (22): R962-R963