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Bio

BIO

Dr. Sebastian Fernandez-Pol is an academic hematopathologist with fellowship training in hematopathology and dermatopathology. He has a particular interest in improving diagnostic accuracy for cutaneous lymphoproliferative disorders. Dr. Fernandez-Pol received his B.A. in chemistry with a concentration in biochemistry from the Washington University in St. Louis in 2003, his MD and PhD from Northwestern University in 2013, and completed his anatomic pathology and clinical pathology residency, hematopathology fellowship, and dermatopathology fellowship at Stanford University in 2019.

CLINICAL FOCUS

- Hematopathology
- Anatomic and Clinical Pathology
- Dermatopathology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pathology

PROFESSIONAL EDUCATION

- Board Certification: Dermatopathology, American Board of Pathology (2019)
- Fellowship, Stanford University Hematopathology Fellowship, CA (2018)
- Board Certification: Hematopathology, American Board of Pathology (2018)
- Board Certification: Anatomic and Clinical Pathology, American Board of Pathology (2017)

- Residency: Stanford University Pathology Residency (2017) CA
- Medical Education: Northwestern University Feinberg School of Medicine (2013) IL

Publications

PUBLICATIONS

- **Pembrolizumab in mycosis fungoides with PD-L1 structural variants.** *Blood advances*
Beygi, S., Fernandez-Pol, S., Duran, G., Wang, E. B., Stehr, H., Zehnder, J. L., Ramchurren, N., Fling, S. P., Cheever, M. A., Weng, W. K., Kim, Y. H., Khodadoust, M. S.
2021; 5 (3): 771–74
- **Jun Activation in Dermal Fibroblasts Promotes Fibrosis and Inflammation in Sclerodermatous Graft-vs-host Disease in Mice and Humans**
Mueller, A., Cui, L., Lerbs, T., King, M., Muscat, C., Shibata, T., Lee, J., Brown, R., Fernandez-Pol, S., Arai, S., Shizuru, J., Wernig, G.
SPRINGER/NATURE.2020: 13–14
- **Two Cases With Features of Lymphocyte Variant Hypereosinophilic Syndrome With STAT3 SH2 Domain Mutations.** *The American journal of surgical pathology*
Fernandez-Pol, S., Petersen, B., Murphy, J., Oak, J. S., Wang, E. B., Rieger, K. E., Kim, Y. H., Khodadoust, M. S., Suarez, C. J.
2020
- **Cutaneous T-cell lymphomas with pathogenic somatic mutations and absence of detectable clonal T-cell receptor gene rearrangement: two case reports.** *Diagnostic pathology*
Rojansky, R., Fernandez-Pol, S., Wang, E., Rieger, K. E., Novoa, R. A., Zehnder, J. L., Kunder, C. A., Kim, Y. H., Khodadoust, M. S., Brown, R. A.
2020; 15 (1): 122
- **Differentiation syndrome during ivosidenib treatment with immunohistochemistry showing isocitrate dehydrogenase R132H mutation.** *Journal of cutaneous pathology*
Tabata, M. M., Chase, M., Kwong, B. Y., Novoa, R. A., Fernandez-Pol, S.
2020
- **High-throughput Sequencing of Subcutaneous Panniculitis-like T-Cell Lymphoma Reveals Candidate Pathogenic Mutations.** *Applied immunohistochemistry & molecular morphology : AIMM*
Fernandez-Pol, S., Costa, H. A., Steiner, D. F., Ma, L., Merker, J. D., Kim, Y. H., Arber, D. A., Kim, J.
; 27 (10): 740–48
- **A Case of G6PC3 Congenital Neutropenia, Misdiagnosed As Evans Syndrome**
Camacho, J., Brar, R., Chapman, C., Fernandez-Pol, S., Weinacht, K., Gernez, Y.
SPRINGER/PLENUM PUBLISHERS.2020: S131–S132
- **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
- **Erythema of the skin after breast radiotherapy: It is not always recurrence.** *International wound journal*
Gutkin, P. M., Fernandez-Pol, S., Horst, K. C.
2020
- **Reticulohistiocytoma (solitary epithelioid histiocytoma) with mutations in RAF1 and TSC2.** *Journal of cutaneous pathology*
Bahrani, E., Fernandez-Pol, S., Wang, J. Y., Aasi, S. Z., Brown, R. A., Novoa, R. A.
2020
- **Multiplexed single-cell morphometry for hematopathology diagnostics.** *Nature medicine*
Tsai, A. G., Glass, D. R., Juntilla, M., Hartmann, F. J., Oak, J. S., Fernandez-Pol, S., Ohgami, R. S., Bendall, S. C.
2020; 26 (3): 408–17
- **A Survey of Somatic Mutations in 41 Genes in a Cohort of T-Cell Lymphomas Identifies Frequent Mutations in Genes Involved in Epigenetic Modification** *APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY*
Fernandez-Pol, S., Ma, L., Joshi, R. P., Arber, D. A.
2019; 27 (6): 416–22

- **Additional considerations related to the elusive boundaries of EBV-associated T/NK-cell lymphoproliferative disorders.** *Haematologica*
Fernandez-Pol, S., Silva, O., Natkunam, Y.
2019; 104 (3): e125–e126
- **Defining the elusive boundaries of chronic active Epstein-Barr virus infection.** *Haematologica*
Fernandez-Pol, S., Silva, O., Natkunam, Y.
2018; 103 (6): 924–27
- **A Survey of Somatic Mutations in 41 Genes in a Cohort of T-Cell Lymphomas Identifies Frequent Mutations in Genes Involved in Epigenetic Modification.** *Applied immunohistochemistry & molecular morphology : AIMM*
Fernandez-Pol, S., Ma, L., Joshi, R. P., Arber, D. A.
2018
- **Scedosporium apiospermum infection of the urinary system with a review of treatment options and cases in the literature** *TRANSPLANT INFECTIOUS DISEASE*
Benamu, E., Yu, A., Xie, L., Fernandez-Pol, S., Liu, A. Y., Ho, D. Y.
2018; 20 (1)
- **Immunohistochemistry for PAX7 is a useful confirmatory marker for Ewing sarcoma in decalcified bone marrow core biopsy specimens.** *Virchows Archiv : an international journal of pathology*
Fernandez-Pol, S., van de Rijn, M., Natkunam, Y., Charville, G. W.
2018
- **Primary cutaneous anaplastic large cell lymphoma.** *Journal of cutaneous pathology*
Brown, R. A., Fernandez-Pol, S., Kim, J.
2017; 44 (6): 570-577
- **Immunohistochemistry for p53 is a useful tool to identify cases of acute myeloid leukemia with myelodysplasia-related changes that are TP53 mutated, have complex karyotype, and have poor prognosis.** *Modern pathology*
Fernandez-Pol, S., Ma, L., Ohgami, R. S., Arber, D. A.
2017; 30 (3): 382-392
- **Immunohistochemistry reveals an increased proportion of MYC-positive cells in subcutaneous panniculitis-like T-cell lymphoma compared with lupus panniculitis.** *Journal of cutaneous pathology*
Fernandez-Pol, S., De Stefano, D., Kim, J.
2017; 44 (11): 925–30
- **Two cases of histiocytic sarcoma with BCL2 translocations and occult or subsequent follicular lymphoma.** *Human pathology*
Fernandez-Pol, S., Bangs, C. D., Cherry, A., Arber, D. A., Gratzinger, D.
2016; 55: 39-43
- **Significance of myelodysplastic syndrome-associated somatic variants in the evaluation of patients with pancytopenia and idiopathic cytopenias of undetermined significance.** *Modern pathology*
Fernandez-Pol, S., Ma, L., Ohgami, R. S., Arber, D. A.
2016; 29 (9): 996-1003
- **Colonic plasmacytomas: a rare complication of plasma cell leukemia.** *Endoscopy*
Hang, C. T., Perumpail, R. B., Huang, R. J., Fernandez-Pol, S., Fernandez-Becker, N. Q.
2015; 47: E77-8