

# Stanford

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## Pauline Funchain

Associate Professor of Medicine (Oncology)

Medicine - Oncology

### CLINICAL OFFICE (PRIMARY)

- **Cutaneous Oncology**

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### Bio

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#### CLINICAL FOCUS

- Medical Oncology

#### ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Medicine - Oncology

#### ADMINISTRATIVE APPOINTMENTS

- Co-Director, Immunotherapy Toxicity Program, Stanford University, (2023- present)
- Co-Director, Skin Cancer Genomics Program, Stanford University, (2023- present)

#### PROFESSIONAL EDUCATION

- Board Certification: Medical Oncology, American Board of Internal Medicine (2023)
- Fellowship: Cleveland Clinic Graduate Medical Education (2015) OH
- Board Certification: Medical Oncology, American Board of Internal Medicine (2012)
- Fellowship: Cleveland Clinic Graduate Medical Education (2012) OH
- Residency: Harbor UCLA Internal Medicine Residency (2009) CA
- Medical Education: The Ohio State University Registrar (2006) OH

### Publications

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#### PUBLICATIONS

- **Clinical and Immunologic Features of Germline Pathogenic Variant (gPV) Positive Patients with Melanoma.** *Clinical cancer research : an official journal of the American Association for Cancer Research*  
Shen, A., Arbesman, M., Lodha, R., Rayman, P., Bungo, B., Ni, Y., Chan, T., Gastman, B., Ko, J., Diaz-Montero, C. M., Arbesman, J., Funchain, P.  
2023
- **MC1R signaling through the cAMP-CREB/ATF-1 and ERK-NF#B pathways accelerates G1/S transition promoting breast cancer progression.** *NPJ precision oncology*  
Chelakkot, V. S., Thomas, K., Romigh, T., Fong, A., Li, L., Ronen, S., Chen, S., Funchain, P., Ni, Y., Arbesman, J.

2023; 7 (1): 85

- **Systemic Therapy for Melanoma: ASCO Guideline Update.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Seth, R., Agarwala, S. S., Messersmith, H., Alluri, K. C., Ascierto, P. A., Atkins, M. B., Bollin, K., Chacon, M., Davis, N., Faries, M. B., Funchain, P., Gold, J. S., Guild, et al  
2023: JCO2301136
- **Characteristics of Immune Checkpoint Inhibitor-Associated Gastritis: Report from a Major Tertiary Care Center.** *The oncologist*  
Farha, N., Faisal, M. S., Allende, D. S., Sleiman, J., Shah, R., Farha, N., Funchain, P., Philpott, J. R.  
2023; 28 (8): 706-713
- **Safety and Activity of Immune Checkpoint Inhibitors in People Living With HIV and Cancer: A Real-World Report From the Cancer Therapy Using Checkpoint Inhibitors in People Living With HIV-International (CATCH-IT) Consortium.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
El Zarif, T., Nassar, A. H., Adib, E., Fitzgerald, B. G., Huang, J., Mouhieddine, T. H., Rubinstein, P. G., Nonato, T., McKay, R. R., Li, M., Mittra, A., Owen, D. H., Baiocchi, et al  
2023; 41 (21): 3712-3723
- **Role of C-Reactive Protein in Predicting the Severity and Response of Immune-Mediated Diarrhea and Colitis in Patients with Cancer.** *Journal of Cancer*  
Liu, C., Shatila, M., Mathew, A., Machado, A. P., Thomas, A., Zhang, H. C., Thomas, A. S., Faleck, D., Funchain, P., Philpott, J., Grivas, P., Obeid, M., Carbonnel, et al  
2023; 14 (10): 1913-1919
- **Predictors for the development of neurological immune-related adverse events of immune checkpoint inhibitors and impact on mortality.** *European journal of neurology*  
Yan, C., Huang, M., Swetlik, C., Toljan, K., Mahadeen, A. Z., Bena, J., Kunchok, A., Funchain, P., McGinley, M.  
2023
- **Melanoma body site distribution: Germline genetics may have a lesser role.** *JAAD international*  
Decosma, L., Ni, Y., Funchain, P., Arbesman, J.  
2023; 11: 220-221
- **Reincarnating autoimmunity: Immune-related adverse events as new diseases.** *Cleveland Clinic journal of medicine*  
Funchain, P.  
2023; 90 (5): 318-319
- **InterMEL: An international biorepository and clinical database to uncover predictors of survival in early-stage melanoma.** *PloS one*  
Orlow, I., Sadeghi, K. D., Edmiston, S. N., Kenney, J. M., Lezcano, C., Wilmott, J. S., Cust, A. E., Scolyer, R. A., Mann, G. J., Lee, T. K., Burke, H., Jakrot, V., Shang, et al  
2023; 18 (4): e0269324
- **Effectiveness of Adjuvant Pembrolizumab vs High-Dose Interferon or Ipilimumab for Quality-of-Life Outcomes in Patients With Resected Melanoma: A Secondary Analysis of the SWOG S1404 Randomized Clinical Trial.** *JAMA oncology*  
Unger, J. M., Darke, A., Othus, M., Truong, T. G., Khushalani, N., Kendra, K., Lewis, K. D., Faller, B., Funchain, P., Buchbinder, E. I., Tarhini, A. A., Kirkwood, J. M., Sharon, et al  
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- **Immune checkpoint inhibitor induced myocarditis, myasthenia gravis, and myositis: A single-center case series.** *Cancer medicine*  
Longinow, J., Zmaili, M., Skoza, W., Kondoleon, N., Marquardt, R., Calabrese, C., Funchain, P., Moudgil, R.  
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- **Combination Dabrafenib and Trametinib Versus Combination Nivolumab and Ipilimumab for Patients With Advanced BRAF-Mutant Melanoma: The DREAMseq Trial-ECOG-ACRIN EA6134.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Atkins, M. B., Lee, S. J., Chmielowski, B., Tarhini, A. A., Cohen, G. I., Truong, T. G., Moon, H. H., Davar, D., O'Rourke, M., Stephenson, J. J., Curti, B. D., Urba, W. J., Brell, et al  
2023; 41 (2): 186-197
- **Landscape of mutations in early stage primary cutaneous melanoma: An InterMEL study.** *Pigment cell & melanoma research*  
Luo, L., Shen, R., Arora, A., Orlow, I., Busam, K. J., Lezcano, C., Lee, T. K., Hernando, E., Gorlov, I., Amos, C., Ernstoff, M. S., Seshan, V. E., Cust, et al  
2022; 35 (6): 605-612

- **A phase II study of TAS-117 in patients with advanced solid tumors harboring germline PTEN-inactivating mutations.** *Future oncology (London, England)*  
Rodón, J., Funchain, P., Laetsch, T. W., Arkenau, H. T., Hervieu, A., Singer, C. F., Murciano-Goroff, Y. R., Chawla, S. P., Anthony, K., Yamamiya, I., Liu, M., Halim, A. B., Benhadji, et al  
2022; 18 (30): 3377-3387
- **Thromboembolism in Patients with Metastatic Urothelial Cancer Treated with Immune Checkpoint Inhibitors.** *Targeted oncology*  
Sheng, I. Y., Gupta, S., Reddy, C. A., Angelini, D., Funchain, P., Sussman, T. A., Sleiman, J., Ornstein, M. C., McCrae, K., Khorana, A. A.  
2022; 17 (5): 563-569
- **Outcomes of stage IV melanoma in the era of immunotherapy: a National Cancer Database (NCDB) analysis from 2014 to 2016.** *Journal for immunotherapy of cancer*  
Sussman, T. A., Knackstedt, R., Wei, W., Funchain, P., Gastman, B. R.  
2022; 10 (8)
- **Systemic Therapy for Melanoma: ASCO Guideline Rapid Recommendation Update.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Seth, R., Messersmith, H., Funchain, P.  
2022; 40 (21): 2375-2377
- **ss-2 adrenergic receptor (AR): Another immune checkpoint (IC)" A phase II clinical trial of propranolol (P) with pembrolizumab (Pem) in patients with unresectable stage III and stage IV melanoma**  
Switzer, B., Pandey, M. R., Valentine, A., Witkiewicz, A., Knudsen, E., Attwood, K., Tario, J., Funchain, P., Drabick, J. J., Mohammadpour, H., Ernstoff, M. S., Puzanov, I., Repasky, et al  
AMER ASSOC CANCER RESEARCH.2022
- **Circulating Tumor DNA Testing Supports Rapid Therapeutic Decision-Making in Metastatic Melanoma: A Case Report.** *Frontiers in oncology*  
Behera, T. R., Song, J. M., Ko, J., Eicher, D., Arbesman, J., Gastman, B., Farkas, D. H., Funchain, P.  
2022; 12: 846187
- **Germline predisposition in oncologic and dermatologic melanoma cohorts.**  
Funchain, P., Ni, Y., Bungo, B., Heald, B., Arbesman, M., Behera, T., Nielsen, S. M., McCormick, S., Song, J., Nizialek, E., Gastman, B., Esplin, E. D., Artomov, et al  
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Gastrointestinal Toxicities of Immune Checkpoint Inhibitors Are Associated With Enhanced Tumor Responsiveness and Improved Survival.** *Gastroenterology research*  
Alomari, M., Al Ashi, S., Chadalavada, P., Khazaaleh, S., Covut, F., Al Momani, L., Elkafrawy, A., Padbidri, V., Funchain, P., Campbell, D., Romero-Marrero, C.  
2022; 15 (2): 56-66
- **Adjuvant Pembrolizumab versus IFN#2b or Ipilimumab in Resected High-Risk Melanoma.** *Cancer discovery*  
Grossmann, K. F., Othus, M., Patel, S. P., Tarhini, A. A., Sondak, V. K., Knopp, M. V., Petrella, T. M., Truong, T. G., Khushalani, N. I., Cohen, J. V., Buchbinder, E. I., Kendra, K., Funchain, et al  
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- **A high OXPPOS CD8 T cell subset is predictive of immunotherapy resistance in melanoma patients.** *The Journal of experimental medicine*  
Li, C., Phoon, Y. P., Karlinsey, K., Tian, Y. F., Thapaliya, S., Thongkum, A., Qu, L., Matz, A. J., Cameron, M., Cameron, C., Menoret, A., Funchain, P., Song, et al  
2022; 219 (1)
- **Management of Immune-Related Adverse Events in Patients Treated With Immune Checkpoint Inhibitor Therapy: ASCO Guideline Update.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Schneider, B. J., Naidoo, J., Santomasso, B. D., Lacchetti, C., Adkins, S., Anadkat, M., Atkins, M. B., Brassil, K. J., Caterino, J. M., Chau, I., Davies, M. J., Ernstoff, M. S., Fecher, et al  
2021; 39 (36): 4073-4126
- **Management of Immune-Related Adverse Events in Patients Treated With Chimeric Antigen Receptor T-Cell Therapy: ASCO Guideline.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Santomasso, B. D., Nastoupil, L. J., Adkins, S., Lacchetti, C., Schneider, B. J., Anadkat, M., Atkins, M. B., Brassil, K. J., Caterino, J. M., Chau, I., Davies, M. J., Ernstoff, M. S., Fecher, et al  
2021; 39 (35): 3978-3992
- **Thromboembolism in Patients with Metastatic Renal Cell Carcinoma Treated with Immunotherapy.** *Targeted oncology*

- Sheng, I. Y., Gupta, S., Reddy, C. A., Angelini, D., Funchain, P., Sussman, T. A., Sleiman, J., Ornstein, M. C., McCrae, K., Khorana, A. A.  
2021; 16 (6): 813-821
- **Immune Checkpoint Inhibitors Mediated Lymphocytic and Giant Cell Myocarditis: Uncovering Etiological Mechanisms.** *Frontiers in cardiovascular medicine*  
Rikhi, R., Karnuta, J., Hussain, M., Collier, P., Funchain, P., Tang, W. H., Chan, T. A., Moudgil, R.  
2021; 8: 721333
  - **Incidence of immune checkpoint inhibitor-mediated diarrhea and colitis (imDC) in patients with cancer and preexisting inflammatory bowel disease: a propensity score-matched retrospective study.** *Journal for immunotherapy of cancer*  
Sleiman, J., Wei, W., Shah, R., Faisal, M. S., Philpott, J., Funchain, P.  
2021; 9 (6)
  - **Increased Incidence of Venous Thromboembolism with Cancer Immunotherapy.** *Med (New York, N.Y.)*  
Roopkumar, J., Swaidani, S., Kim, A. S., Thapa, B., Gervaso, L., Hobbs, B. P., Wei, W., Alban, T. J., Funchain, P., Kundu, S., Sangwan, N., Rayman, P., Pavicic, et al  
2021; 2 (4): 423-434
  - **Incidence of thromboembolism in patients with melanoma on immune checkpoint inhibitor therapy and its adverse association with survival.** *Journal for immunotherapy of cancer*  
Sussman, T. A., Li, H., Hobbs, B., Funchain, P., McCrae, K. R., Khorana, A. A.  
2021; 9 (1)
  - **Phase I Clinical Trial of Combination Propranolol and Pembrolizumab in Locally Advanced and Metastatic Melanoma: Safety, Tolerability, and Preliminary Evidence of Antitumor Activity.** *Clinical cancer research : an official journal of the American Association for Cancer Research*  
Gandhi, S., Pandey, M. R., Attwood, K., Ji, W., Witkiewicz, A. K., Knudsen, E. S., Allen, C., Tario, J. D., Wallace, P. K., Cedeno, C. D., Levis, M., Stack, S., Funchain, et al  
2021; 27 (1): 87-95
  - **Clinical Trials in Metastatic Uveal Melanoma: Current Status.** *Ocular oncology and pathology*  
Sussman, T. A., Funchain, P., Singh, A.  
2020; 6 (6): 381-387
  - **Systemic Therapy for Melanoma: ASCO Guideline.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Seth, R., Messersmith, H., Kaur, V., Kirkwood, J. M., Kudchadkar, R., McQuade, J. L., Provenzano, A., Swami, U., Weber, J., Alluri, K. C., Agarwala, S., Ascierto, P. A., Atkins, et al  
2020; 38 (33): 3947-3970
  - **Thromboembolism in Patients with Advanced Renal Cell Carcinoma Treated with Immunotherapy**  
Sheng, I., Gupta, S., Reddy, C. A., Angelini, D. E., Funchain, P., Roopkumar, J., Sussman, T. A., Sleiman, J., Gilligan, T. D., Ornstein, M. C., Khorana, A. A.  
AMER SOC HEMATOLOGY.2020
  - **INCIDENCE OF THROMBOEMBOLISM (TE) IN PATIENTS WITH MELANOMA RECEIVING IMMUNE CHECKPOINT INHIBITOR (ICI) THERAPY AND ITS ADVERSE IMPACT ON SURVIVAL**  
Sussman, T., Roopkumar, J., Li, H., McCrae, K., Funchain, P., Khorana, A.  
BMJ PUBLISHING GROUP.2020: A390-A391
  - **SURVIVAL OUTCOMES AND TOXICITY AMONG PATIENTS TREATED WITH CONCOMITANT RADIOTHERAPY AND IMMUNOTHERAPY FOR ADVANCED MELANOMA: TWO FACES OF THE ABCOPAL EFFECT?**  
Andreatos, N., Roopkumar, J., Khorana, A., Woody, N., Gastman, B., Funchain, P.  
BMJ PUBLISHING GROUP.2020: A116
  - **OUTCOMES OF STAGE IV MELANOMA IN THE ERA OF IMMUNOTHERAPY: A NATIONAL CANCER DATABASE (NCDB) ANALYSIS**  
Sussman, T., Wei, W., Funchain, P., Gastman, B.  
BMJ PUBLISHING GROUP.2020: A133-A134
  - **Characteristics of Immune Checkpoint Inhibitor-Associated Gastritis: Report From a Major Tertiary Care Center**  
Faisal, M., Sleiman, J., Shah, R. S., Funchain, P., Philpott, J.  
LIPPINCOTT WILLIAMS & WILKINS.2020: S679-S680
  - **Utilization and impact of immunotherapy in stage IV melanoma using the National Cancer Database.** *Melanoma research*

- Conic, R. R., Knackstedt, R., Sussman, T. A., Rambhia, S., Damiani, G., Funchain, P., Ko, J., Gastman, B. R.  
2020; 30 (4): 376-385
- **Targeted next generation sequencing (NGS) to classify melanocytic neoplasms.** *Journal of cutaneous pathology*  
Zarabi, S. K., Azzato, E. M., Tu, Z. J., Ni, Y., Billings, S. D., Arbesman, J., Funchain, P., Gastman, B., Farkas, D. H., Ko, J. S.  
2020; 47 (8): 691-704
  - **Increased normal tissue telomere length is associated with decreased survival in melanoma patients**  
Ni, Y., Romigh, T., Funchain, P., Arbesman, J.  
ELSEVIER SCIENCE INC.2020: S17
  - **Genetic Counseling and Germline Testing in the Era of Tumor Sequencing: A Cohort Study.** *JNCI cancer spectrum*  
Klek, S., Heald, B., Milinovich, A., Ni, Y., Abraham, J., Mahdi, H., Estfan, B., Khorana, A. A., Bolwell, B. J., Grivas, P., Sohal, D. P., Funchain, P.  
2020; 4 (3): pkaa018
  - **Ipilimumab plus nivolumab for patients with metastatic uveal melanoma: a multicenter, retrospective study.** *Journal for immunotherapy of cancer*  
Najjar, Y. G., Navrazhina, K., Ding, F., Bhatia, R., Tsai, K., Abbate, K., Durden, B., Eroglu, Z., Bhatia, S., Park, S., Chowdhary, A., Chandra, S., Kennedy, et al  
2020; 8 (1)
  - **Real-world experience of talimogene laherparepvec in patients receiving immunotherapy in metastatic melanoma.**  
Behera, T., Song, J., Ko, J. S., McNamara, M. J., Funchain, P., Gastman, B.  
LIPPINCOTT WILLIAMS & WILKINS.2020
  - **Patterns in progression from early stage melanoma to late stage melanoma: Implications for survivorship follow up.**  
Switzer, B., Savage, D., Song, J., Stanek, C., Funchain, P.  
LIPPINCOTT WILLIAMS & WILKINS.2020
  - **A phase II trial of nivolumab in combination with talazoparib in unresectable or metastatic melanoma patients with mutations in BRCA or BRCAness.**  
Sussman, T. A., Wei, W., Hobbs, B., Diaz-Montero, C., Ni, Y., Arbesman, J., Ko, J. S., Gastman, B., Funchain, P.  
LIPPINCOTT WILLIAMS & WILKINS.2020
  - **Role of glutamine metabolism in CD8<sup>+</sup>PD-1<sup>+</sup>TIM-3<sup>+</sup> T cells in ICI resistant melanoma.**  
Thapaliya, S., Gastman, B., Phoon, Y., Li, C., Zhou, B., Funchain, P., Richardson, B., Cameron, M., Cameron, C.  
LIPPINCOTT WILLIAMS & WILKINS.2020
  - **Immune-mediated adverse events following concomitant radiotherapy and immunotherapy in patients with melanoma and Merkel cell carcinoma: A preliminary report from an evolving retrospective registry.**  
Andreatos, N., Roopkumar, J., Khorana, A. A., Funchain, P.  
LIPPINCOTT WILLIAMS & WILKINS.2020
  - **Thromboembolism (TE) in patients (pts) with bladder cancer treated with checkpoint inhibitors (CPIs).**  
Sheng, I., Gupta, S., Reddy, C. A., Angelini, D. E., Funchain, P., Sussman, T. A., Sleiman, J., Gilligan, T. D., Ornstein, M., Khorana, A. A.  
LIPPINCOTT WILLIAMS & WILKINS.2020
  - **CMV coinfection in treatment refractory immune checkpoint inhibitor colitis.** *BMJ case reports*  
Harris, K. B., Funchain, P., Baggott, B. B.  
2020; 13 (5)
  - **SINGLE CELL TRANSCRIPTOME ANALYSIS IDENTIFIES UNIQUE FEATURES IN CIRCULATING CD8<sup>+</sup>T CELLS THAT CAN PREDICT IMMUNOTHERAPY RESPONSE IN MELANOMA PATIENTS**  
Li, C., Phoon, Y., Karlinsey, K., Tian, Y., Thapaliya, S., Qu, L., Cameron, M., Cameron, C., Menoret, A., Funchain, P., Song, J., Diaz-Montero, C., Rodriguez, et al  
BMJ PUBLISHING GROUP.2020: A5
  - **Prognosis of patients developing immune-related adverse events with immune checkpoint inhibitors in melanoma influenced by the ability to resume therapy**  
Song, J., Behera, T., Demski, K., Yurco, A., Patil, P., Funchain, P.  
AMER SOC CLINICAL ONCOLOGY.2020
  - **Venous thromboembolism (VTE) in melanoma patients (pts) on immunotherapy (IO)**  
Sussman, T. A., Roopkumar, J., Li, H., Hobbs, B., Khorana, A. A., Funchain, P.  
AMER SOC CLINICAL ONCOLOGY.2020

- **Primer on Hereditary Cancer Predisposition Genes Included Within Somatic Next-Generation Sequencing Panels.** *JCO precision oncology*  
Akras, Z., Bungo, B., Leach, B. H., Marquard, J., Ahluwalia, M., Carraway, H., Grivas, P., Sohal, D. P., Funchain, P.  
2019; 3: 1-11
- **Biomarker Assessment of Venous Thromboembolism in Cancer Patients Receiving Checkpoint Blockade**  
Swaidani, S., Roopkumar, J., Jun-Shim, Y., Charles, C., Paul, S., Kundu, S., Funchain, P., Rayman, P., Pavicic, P. G., Diaz-Montero, C., Khorana, A. A., McCrae, K. R.  
AMER SOC HEMATOLOGY.2019
- **IMPACT OF KRAS MUTATION STATUS ON THE EFFICACY OF IMMUNOTHERAPY IN LUNG CANCER BRAIN METASTASES**  
Lauko, A., Ali, A., Sagar, S., Barnett, A., Li, H., Chao, S., Stevens, G., Pennell, N., Peereboom, D., Yu, J., Murphy, E., Angelov, L., Funchain, et al  
OXFORD UNIV PRESS INC.2019: 55
- **Resumption of Immune Checkpoint Inhibitor Therapy After Immune-Mediated Colitis.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Abu-Sbeih, H., Ali, F. S., Naqash, A. R., Owen, D. H., Patel, S., Otterson, G. A., Kendra, K., Ricciuti, B., Chiari, R., De Giglio, A., Sleiman, J., Funchain, P., Wills, et al  
2019; 37 (30): 2738-2745
- **Immune Checkpoint Inhibitor Related Colitis (ICI-Colitis) in Patients With Preexisting Inflammatory Bowel Disease or Microscopic Colitis**  
Sleiman, J., Shah, R., Wei, W., Funchain, P., Philpott, J., Simons-Linares, R.  
LIPPINCOTT WILLIAMS & WILKINS.2019: S393
- **Sentinel lymph node biopsy in Merkel cell carcinoma: Predictors of sentinel lymph node utilization, positivity and effects on overall survival**  
Conic, R., Ko, J., Damiani, G., Funchain, P., Vidimos, A., Gastman, B.  
MOSBY-ELSEVIER.2019: AB122
- **Comparison of head and neck and nonehead and neck Merkel cell carcinoma: Clinicopathologic characteristics, time to treatment initiation, and survival**  
Conic, R., Ko, J., Damiani, G., Funchain, P., Vidimos, A., Gastman, B.  
MOSBY-ELSEVIER.2019: AB36
- **Variations of Diagnosis and Management of Immune Checkpoint Inhibitor Pancreatic Injury (ICIPI) and Immune Checkpoint Inhibitor Pancreatitis: A Single Institution Experience**  
Shah, R., Sleiman, J., Simons-Linares, R., Faisal, M., Song, J., Philpott, J., Funchain, P.  
LIPPINCOTT WILLIAMS & WILKINS.2019: S58
- **Immune Checkpoint Inhibitors-Related Gastrointestinal Toxicity Is Associated With Better Overall Survival and Treatment Response in Cancer Patients**  
Alomari, M., Al Ashi, S., Al Momani, L., Nehme, F., Sarmini, M., Young, M., Funchain, P., Romero-Marrero, C.  
LIPPINCOTT WILLIAMS & WILKINS.2019: S552-S553
- **The paradox of melanoma in oculocutaneous albinism: A case report and literature review**  
Ravichandran, S., Funchain, P., Arbesman, J.  
ELSEVIER SCIENCE INC.2019: B21
- **Pre-treated anti-PD-1 refractory Merkel cell carcinoma successfully treated with the combination of PD-1/PD-L1 axis inhibitors and TVEC: a report of two cases** *ANNALS OF ONCOLOGY*  
Knackstedt, R., Sussman, T. A., McCahon, L., Song, J., Funchain, P., Gastman, B.  
2019; 30 (8): 1399-1400
- **Sentinel lymph node biopsy in Merkel cell carcinoma: Predictors of sentinel lymph node positivity and association with overall survival.** *Journal of the American Academy of Dermatology*  
Conic, R. R., Ko, J., Saridakis, S., Damiani, G., Funchain, P., Vidimos, A., Gastman, B. R.  
2019; 81 (2): 364-372
- **Uveal Melanoma Metastatic to the Liver: Treatment Trends and Outcomes.** *Ocular oncology and pathology*  
Xu, L. T., Funchain, P. F., Bena, J. F., Li, M., Tarhini, A., Berber, E., Singh, A. D.  
2019; 5 (5): 323-332
- **Chemoprevention agents for melanoma: A path forward into phase 3 clinical trials (vol 125, pg 18, 2019)** *CANCER*  
Jeter, J. M., Bowles, T. L., Curiel-Lewandrowski, C., Swetter, S. M., Filipp, F. V., Abdel-Malek, Z. A., Geskin, L. J., Brewer, J. D., Arbiser, J. L., Gershenwald, J. E., Chu, E. Y., Kirkwood, J. M., Box, et al

2019; 125 (15): 2706

- **Immune Checkpoint Inhibitors Associated with Cardiotoxicity in Cancer Patients: A Large Single-Center Experience**  
Chahine, J., Thapa, B., Ala, C. K., Patil, P., Funchain, P., Maroo, A., Klein, A. L., Tang, W.  
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2019: S63
- **Clonal hematopoiesis of indeterminate potential (CHIP) mutations in solid tumor malignancies.**  
Conces, M., Ni, Y., Bazeley, P., Patel, B., Funchain, P., Carraway, H. E.  
AMER SOC CLINICAL ONCOLOGY.2019
- **Incidence and clinical pattern of immune related adverse effects (irAE) due to immune checkpoint inhibitors (ICI).**  
Thapa, B., Roopkumar, J., Kim, A. S., Gervaso, L., Patil, P., Calabrese, C., Khorana, A. A., Funchain, P.  
AMER SOC CLINICAL ONCOLOGY.2019
- **Immune-mediated colitis after resumption of immune checkpoint inhibitor therapy.**  
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