Stanford

Benjamin Lewis Franc

Clinical Professor, Radiology - Rad/Nuclear Medicine

CLINICAL OFFICE (PRIMARY)

- **Nuclear Medicine**
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ACADEMIC CONTACT INFORMATION

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Bio

BIO

Dr. Franc is a Clinical Professor of Radiology - Nuclear Medicine and Molecular Imaging. He completed his B.S and M.S. in Chemical Engineering at Stanford University, Stanford, CA. He completed his medical school training at University of Southern California, Keck School of Medicine. While conducting his residency at Stanford University, in the Division of Nuclear Medicine and Molecular Imaging, he was also the chief resident. Dr. Franc's research interests include all aspects of PET-CT as he has nearly 20 years of experience in clinical Nuclear Medicine with particular expertise in PET-CT.

Dr. Franc predominantly publishes and lectures on applications and innovations of PET-CT. He has proficiency in all aspects of PET radiopharmaceutical development, spanning the design of molecules, synthesis of radioligands, and use in animal and human imaging. He also has expertise in quantitative image analysis, development of novel post-processing image reconstruction methods, and the application of artificial intelligence in human diagnostics. Dr. Franc has implemented new radiopharmaceuticals in pre-clinical and clinical research PET imaging as well as for clinical PET with applications in cancer, infectious disease (HIV), and autoimmune disease (RA). He has applied advanced computational techniques, including deep learning, to extract predictive data for prognosis of various cancers and neurodegenerative diseases from molecular imaging modalities.

Since joining the faculty at Stanford in 2018, Dr. Franc has received several awards including the Radiological Society of North America 2019 Margulis Award for Excellence in Research; RSNA 2019 Trainee Research; and Most read article in Radiology 2019. He has accepted the position of Director, Residency Program, Nuclear Medicine and Molecular Imaging as well as the Director, Radiology Value-Based Care Initiative. Dr. Franc has presented more than 40 abstracts at national and international meetings and published more than 90 papers in peer-reviewed publications, as well as 9 book chapters.

CLINICAL FOCUS

- Nuclear Radiology

ACADEMIC APPOINTMENTS

- Clinical Professor, Radiology - Rad/Nuclear Medicine

PROFESSIONAL EDUCATION

- Board Certification: Nuclear Medicine, American Board of Nuclear Medicine (2003)
- Internship: Stanford University Dept of General Surgery (2001) CA
- Medical Education: University of Southern California Keck School of Medicine (2000) CA
- Residency: Stanford University Nuclear Medicine Residency (2003) CA

Research & Scholarship

CLINICAL TRIALS

- 64Cu-LNTH-1363S in Patients With Sarcoma or Gastrointestinal Tract Cancer, Recruiting
- Efficacy and Safety of 177Lu-edotreotide PRRT in GEP-NET Patients, Not Recruiting
- Lutetium 177Lu-Edotreotide Versus Best Standard of Care in Well-differentiated Aggressive Grade-2 and Grade-3 GastroEnteroPancreatic NeuroEndocrine Tumors (GEP-NETs) - COMPOSE, Not Recruiting
- Phase I Study of [177Lu]Lu-NNS309 in Patients With Pancreatic, Lung, Breast and Colorectal Cancers, Not Recruiting
- Study of RYZ101 Compared With SOC in Pts w Inoperable SSTR+ Well-differentiated GEP-NET That Has Progressed Following 177Lu-SSA Therapy, Not Recruiting

Publications

PUBLICATIONS

- **Zanubrutinib monotherapy for IgG4-related head and neck disease.** *Annals of the rheumatic diseases*
  Baker, M. C., Gawde, S., Horomanski, A., Fairchild, R. M., Liu, Y., Mikelov, A., Sun, Y., Vitale, M. R., Maestri, E., Held, F., Deluna, M., Park, W. G., Siddiqi, et al
  2026
- **A Phase II, Single-site, Open-label Study of Zanubrutinib in Patients with igg4-related Disease**
  Baker, M., Horomanski, A., Fairchild, R., Liu, Y., Deluna, M., Lanz, T., Gawde, S., Khalighi, M., Franc, B., Penta, M., Pham, N., Guja, K.
  WILEY.2025: 2286-2288
- **Localization of sentinel lymph nodes using augmented-reality system: a cadaveric feasibility study.** *European journal of nuclear medicine and molecular imaging*
  Duan, H., Yang, Y., Niu, W. L., Anders, D., Dreisbach, A. M., Holley, D., Franc, B. L., Perkins, S. L., Leuze, C., Daniel, B. L., Baik, F. M.
  2025
- **Use of diagnostic vs low-dose computed tomography in positron emission tomography-CT examinations.** *European radiology*
  Malekhedayat, M., Stewart, C., Chu, P. W., Wang, Y., Kasraie, N., Franc, B., Smith-Bindman, R.
  2025
- **Estrogen Receptor-targeted PET Imaging for Breast Cancer.** *Radiology*
  Zhou, W., Franc, B. L., DeMartini, W. B., Rosen, E. L.
  2024; 312 (2): e240315
- **Applying Staging PSMA PET/CT in De Novo Metastatic Hormonal Sensitive Prostate Cancer (mHSPC): A Preliminary Single-Center Retrospective Review of Clinical Outcomes**
  Song, H., Xing, J., Duan, H., Davidzon, G., Franc, B., Moradi, F., Srinivas, S., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2024
- **Can PET image quality be monitored in real time? Prediction of oncological FDG PET image quality using Fast List-Mode Reconstruction of short PET Frames and Deep Learning**
  Moradi, F., Bharathi, P., Khalighi, M., Spangler-Bickell, M., Su, K., Jansen, F., Davidzon, G., Franc, B., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2024
- **PET/MRI Mixed Reality for Intraoperative Localization of Sentinel Lymph Nodes in Head and Neck Melanoma**
  Duan, H., Daniel, B., Baik, F., Anders, D., Holley, D., Franc, B.

SOC NUCLEAR MEDICINE INC.2024

- **Frequent Amplification and Overexpression of PSMA in Basallike Breast Cancer from Analysis of The Cancer Genome Atlas.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Zhou, W., Halder, S., Herwald, S., Ghijsen, M., Shafi, G., Uttarwar, M., Rosen, E., Franc, B., Kishore, S.
  2024
- **Same-day post-therapy imaging with a new generation whole-body digital SPECT/CT in assessing treatment response to [177Lu]Lu-PSMA-617 in metastatic castration-resistant prostate cancer.** *European journal of nuclear medicine and molecular imaging*
  Song, H., Leonio, M. I., Ferri, V., Duan, H., Aparici, C. M., Davidzon, G., Franc, B. L., Moradi, F., Shah, J., Bergstrom, C. P., Fan, A. C., Shah, S., Khaki, et al
  2024
- **Total and anatomically contextualized quantitative ¹⁸F-DCFPyL PET at biochemical recurrence to predict subsequent biochemical progression-free survival in patients with prostate cancer.**
  Song, H., Anand, A., Sjostrand, K., Ferri, V., Duan, H., Shah, J., Moradi, F., Aparici, C., Franc, B., Davidzon, G., Bergstrom, C. P., Fan, A. C., Shah, et al
  LIPPINCOTT WILLIAMS & WILKINS.2024: 33
- **Assessing the clinical utility of rapid post-therapy whole-body digital SPECT/CT in evaluating early treatment response of ¹⁷⁷Lu-PSMA-617 treatment.**
  Leonio, M., Ferri, V., Duan, H., Shah, J., Moradi, F., Mari Aparici, C., Franc, B., Davidzon, G., Bergstrom, C. P., Fan, A. C., Shah, S., Khaki, A., Srinivas, et al
  LIPPINCOTT WILLIAMS & WILKINS.2024: 32
- **Total and anatomically contextualized quantitative 18F-DCFPyL PET at biochemical recurrence to predict subsequent biochemical progression free survival in patients with prostate cancer**
  Song, H., Sjostrand, K., Duan, H., Ferri, V., Aparici, C., Davidzon, G., Franc, B., Moradi, F., Anand, A., Iagaru, A.
  LIPPINCOTT WILLIAMS & WILKINS.2023
- **Rapid dynamic reconstruction using list mode data for monitoring PET image quality accurately predicts final image noise and perceived quality**
  Moradi, F., Khalighi, M., Su, K., Zhang, X., Wollenweber, S., Spangler-Bickell, M., Bharathi, P., Franc, B., Davidzon, G., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2023
- **A Case-Based Primer on FDG PET/CT for Imaging Cardiovascular Infections: Protocol, Interpretation, and Pitfalls.**
  Zhou, W., Moradi, F., Davidzon, G., Song, H., Grady, E., Nguyen, J., Franc, B., Aparici, C., Iagaru, A., Shah, J.
  SOC NUCLEAR MEDICINE INC.2023
- **Total and Anatomically Contextualized Quantitative 18F-DCFPyL PET at biochemical recurrence predicts subsequent biochemical progression free survival in prostate cancer patients**
  Song, H., Duan, H., Ferri, V., Na, S., Davidzon, G., Franc, B., Aparici, C., Moradi, F., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2023
- **Case Series of Precision Delivery of Methylprednisolone in Pediatric Inflammatory Bowel Disease: Feasibility, Clinical Outcomes, and Identification of a Vasculitic Transcriptional Program.** *Journal of clinical medicine*
  Levitte, S., Yarani, R., Ganguly, A., Martin, L., Gubatan, J., Nadel, H. R., Franc, B., Gugig, R., Syed, A., Goyal, A., Park, K. T., Thakor, A. S.
  2023; 12 (6)
- **SPECT at the speed of PET: a feasibility study of CZT-based whole-body SPECT/CT in the post 177Lu-DOTATATE and 177Lu-PSMA617 setting.** *European journal of nuclear medicine and molecular imaging*
  Song, H., Ferri, V., Duan, H., Aparici, C. M., Davidzon, G., Franc, B. L., Moradi, F., Nguyen, J., Shah, J., Iagaru, A.
  2023
- **Retroperitoneal Inflammation Detected on FDG PET/CT in Patient on Long-Term Immunotherapy.** *Clinical nuclear medicine*
  Khessib, T., Franc, B., Yang, E., Moradi, F.
  2023
- **Hong Song, Heying Duan, Caitlyn Harrison, Kip Guja, Negin Hatami, Judy Nguyen, Benjamin Franc, Farshad Moradi, Carina Mari Aparici, Guido Davidzon, Sandy Srinivas and Andrei Iagaru**
  Song, H., Duan, H., Harrison, C., Guja, K., Hatami, N., Nguyen, J., Franc, B., Moradi, F., Aparici, C., Davidzon, G., Srinivas, S., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2022

- **Prediction of future healthcare expenses of patients from chest radiographs using deep learning: a pilot study.** *Scientific reports*
  Sohn, J. H., Chen, Y., Lituiev, D., Yang, J., Ordovas, K., Hadley, D., Vu, T. H., Franc, B. L., Seo, Y.
  2022; 12 (1): 8344
- **First-in-human immunoPET imaging of HIV-1 infection using 89Zr-labeled VRC01 broadly neutralizing antibody.** *Nature communications*
  Beckford-Vera, D. R., Flavell, R. R., Seo, Y., Martinez-Ortiz, E., Aslam, M., Thanh, C., Fehrman, E., Pardons, M., Kumar, S., Deitchman, A. N., Ravanfar, V., Schulte, B., Wu, et al
  2022; 13 (1): 1219
- **Peptide Receptor Radionuclide Therapy (PRRT) in Advanced Pheochromocytoma and Paraganglioma From a Single Institution Experience**
  Duan, H., Ferri, V., Fisher, G. A., Shaheen, S., Davidzon, G. A., Moradi, F., Nguyen, J., Franc, B. L., Iagaru, A., Aparici, C.
  LIPPINCOTT WILLIAMS & WILKINS.2022: E42-E43
- **Phantom study of SPECT/CT augmented reality for intraoperative localization of sentinel lymph nodes in head and neck melanoma.** *Oral oncology*
  Nakamoto, R., Zhuo, J., Guja, K. E., Duan, H., Perkins, S. L., Leuze, C., Daniel, B. L., Franc, B. L.
  1800; 125: 105702
- **PROSPECTIVE EVALUATION OF F-18-DCFPYL PET/CT IN BIOCHEMICALLY RECURRENT PROSTATE CANCER: ANALYSIS OF F-18-DCFPYL UPTAKE IN POSSIBLE EXTRA-PELVIC OLIGOMETASTASES**
  Song, H., Nguyen, J., Moradi, F., Aparici, C., Franc, B., Davidzon, G., Iagaru, A.
  LIPPINCOTT WILLIAMS & WILKINS.2021: E1177-E1178
- **Perfusion Only Scans with and without SPECT/CT in the Era of COVID-19**
  Zhang, R., Moradi, F., Aparici, C., Davidzon, G., Nguyen, J., Iagaru, A., Franc, B.
  SOC NUCLEAR MEDICINE INC.2021
- **Prognostic value of bone marrow metabolism on pretreatment 18F-FDG PET/CT in patients with metastatic melanoma treated with anti-PD-1 therapy.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Nakamoto, R., Zaba, L. C., Liang, T., Reddy, S. A., Davidzon, G., Aparici, C. M., Nguyen, J., Moradi, F., Iagaru, A., Franc, B. L.
  2021
- **The Clinical Utility of 18F-Fluciclovine PET/CT in Biochemically Recurrent Prostate Cancer: an Academic Center Experience Post FDA Approval.** *Molecular imaging and biology*
  Nakamoto, R. n., Harrison, C. n., Song, H. n., Guja, K. E., Hatami, N. n., Nguyen, J. n., Moradi, F. n., Franc, B. L., Aparici, C. M., Davidzon, G. n., Iagaru, A. n.
  2021
- **Disparities in PET Imaging of Prostate Cancer at a Tertiary Academic Medical Center** *JOURNAL OF NUCLEAR MEDICINE*
  Iagaru, A., Franc, B.
  2021; 62 (5): 747-748
- **Evaluation of primary breast cancers using dedicated breast PET and whole-body PET.** *Scientific reports*
  Hathi, D. K., Li, W., Seo, Y., Flavell, R. R., Kornak, J., Franc, B. L., Joe, B. N., Esserman, L. J., Hylton, N. M., Jones, E. F.
  2020; 10 (1): 21930
- **Positron Emission Tomography Imaging of Functional TGFbeta Activity and Benefit of TGFbeta Inhibition in Irradiated Intracranial Tumors.** *International journal of radiation oncology, biology, physics*
  Gonzalez-Junca, A., Reiners, O., Borrero-Garcia, L. D., Beckford-Vera, D., Lazar, A. A., Chou, W., Braunstein, S., VanBrocklin, H., Franc, B. L., Barcellos-Hoff, M. H.
  2020
- **Obituary for Sanjiv Sam Gambhir, MD, PhD.** *Clinical nuclear medicine*
  Davidzon, G., Franc, B., Mari Aparici, C., Moradi, F., Nguyen, J., Iagaru, A.
  2020
- **Prospective evaluation of F-18-DCFPyL PET/CT in biochemically recurrent prostate cancer: Analysis of lesion localization and distribution.**
  Song, H., Duan, H., Harrison, C., Guja, K., Hatami, N., Franc, B., Moradi, F., Aparici, C., Davidzon, G., Srinivas, S., Iagaru, A.
  AMER SOC CLINICAL ONCOLOGY.2020

- **Extrahepatic Ga-68-DOTATATE-Avid Tumor Volume and serum Chromogranin A Predict Short-Term Outcome of Lu-177-DOTATATE in Late-Stage Metastatic Gastroenteropancreatic Neuroendocrine Tumors**
  Song, H., Kunz, P., Franc, B., Moradi, F., Fisher, G., Aparici, C., Iagaru, A., Davidzon, G.
  SOC NUCLEAR MEDICINE INC.2020
- **PSMA-and GRPR-targeted PET: Preliminary Results in Patients with Biochemically Recurrent Prostate Cancer**
  Baratto, L., Duan, H., Hatami, N., Song, H., Davidzon, G., Franc, B., Aparici, C., Moradi, F., Nguyen, J., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2020
- **Prognostic value of volumetric PET parameters at early response evaluation in melanoma patients treated with immunotherapy**
  Nakamoto, R., Zaba, L., Rosenberg, J., Reddy, S., Nobashi, T., Davidzon, G., Aparici, C., Nguyen, J., Moradi, F., Iagaru, A., Franc, B.
  SOC NUCLEAR MEDICINE INC.2020
- **Imaging characteristics and diagnostic performance of F-18-FDG PET/CT for melanoma patients who demonstrate hyperprogressive disease when treated with immunotherapy**
  Nakamoto, R., Zaba, L., Rosenberg, J., Reddy, S., Nobashi, T., Davidzon, G., Aparici, C., Nguyen, J., Moradi, F., Iagaru, A., Franc, B.
  SOC NUCLEAR MEDICINE INC.2020
- **Toxicity identification and evaluation of peptide receptor radionuclide therapy (PRRT) for neuroendocrine tumors (NETs)**
  Duan, H., Girod, B., Ninatti, G., Ferri, V., Kunz, P., Fisher, G., Moradi, F., Davidzon, G., Franc, B., Iagaru, A., Aparici, C.
  SOC NUCLEAR MEDICINE INC.2020
- **Fungal endocarditis resembling primary cardiac malignancy in a patient with B-cell ALL with culture confirmation.** *Radiology case reports*
  Girod, B. J., Guja, K. E., Davidzon, G., Chan, F., Zucker, E., Franc, B. L., Moradi, F., Iagaru, A., Aparici, C. M.
  2020; 15 (2): 117–19
- **Single institution experience with peptide receptor radionuclide therapy (PRRT) in neuroendocrine tumors (NET)**
  Duan, H., Ninatti, G., Girod, B., Ferri, V., Kunz, P. L., Fisher, G. A., Moradi, F., Davidzon, G., Franc, B., Iagaru, A., Mari, C.
  AMER SOC CLINICAL ONCOLOGY.2020
- **Using diagnosis codes in claims data to identify cohorts of breast cancer patients following initial treatment.** *The breast journal*
  Franc, B. L., Thombley, R., Luo, Y., John Boscardin, W., Rugo, H. S., Seidenwurm, D., Adams Dudley, R.
  2020
- **Deep learning detection of prostate cancer recurrence with 18F-FACBC (fluciclovine, Axumin®) positron emission tomography.** *European journal of nuclear medicine and molecular imaging*
  Lee, J. J., Yang, H. n., Franc, B. L., Iagaru, A. n., Davidzon, G. A.
  2020
- **Preclinical SPECT and SPECT-CT in Oncology.** *Recent results in cancer research. Fortschritte der Krebsforschung. Progres dans les recherches sur le cancer*
  Franc, B. L., Seo, Y., Flavell, R., Aparici, C. M.
  2020; 216: 359–404
- **An unusual presentation of recurrent T cell lymphoma: angiocentric pattern of cutaneous uptake on [18F]FDG PET/CT.** *European journal of nuclear medicine and molecular imaging*
  Guja, K. E., Brown, R. n., Girod, B. n., Song, H. n., Harrison, C. n., Franc, B. L., Moradi, F. n., Davidzon, G. n., Iagaru, A. n., Aparici, C. M.
  2020
- **Prognostic value of volumetric PET parameters at early response evaluation in melanoma patients treated with immunotherapy.** *European journal of nuclear medicine and molecular imaging*
  Nakamoto, R. n., Zaba, L. C., Rosenberg, J. n., Reddy, S. A., Nobashi, T. W., Davidzon, G. n., Aparici, C. M., Nguyen, J. n., Moradi, F. n., Iagaru, A. n., Franc, B. L.
  2020
- **Letter to the Editor: "Disparities in PET imaging for prostate cancer at a tertiary academic medical center".** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Franc, B. L., Iagaru, A. n.
  2020
- **Identifying tests related to breast cancer care in claims data.** *The breast journal*

Franc, B. L., Thombley, R., Luo, Y., Boscardin, W. J., Rugo, H. S., Seidenwurm, D., Dudley, R. A.
2019

- **Prospective Evaluation in an Academic Center of 18F-DCFPyL PET/CT in Biochemically Recurrent Prostate Cancer: A Focus on Localizing Disease and Changes in Management.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
  Song, H., Harrison, C., Duan, H., Guja, K., Hatami, N., Franc, B., Moradi, F., Mari Aparici, C., Davidzon, G., Iagaru, A.
  2019
- **PET/CT Imaging of Human TNFα Using [89Zr]Certolizumab Pegol in a Transgenic Preclinical Model of Rheumatoid Arthritis.** *Molecular imaging and biology*
  Beckford-Vera, D. R., Gonzalez-Junca, A., Janneck, J. S., Huynh, T. L., Blecha, J. E., Seo, Y., Li, X., VanBrocklin, H. F., Franc, B. L.
  2019
- **Prospective Evaluation of F-18-DCFPyL PET/CT and Conventional Imaging in Patients with Biochemically Recurrent Prostate Cancer**
  Song, H., Harrison, C., Guja, K., Franc, B., Moradi, F., Davidzon, G., Aparici, C., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2019
- **Prospective evaluation of F-18- DCFPyL in Patients with Biochemically Recurrent Prostate Cancer: Positivity Rate and Correlation with PSA levels**
  Harrison, C., Song, H., Franc, B. L., Guja, K., Moradi, F., Davidzon, G., Aparici, C., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2019
- **Prospective Comparison of F-18-DCFPyL PET/CT with F-18-NaF PET/CT for Detection of Skeletal Metastases in Biochemically Recurrent Prostate Cancer**
  Duan, H., Song, H., Baratto, L., Khalaf, M., Hatami, N., Franc, B., Moradi, F., Davidzon, G., Aparici, C., Iagaru, A.
  SOC NUCLEAR MEDICINE INC.2019
- **Initial experience of dedicated breast PET imaging of ER+ breast cancers using [F-18]fluoroestradiol.** *NPJ breast cancer*
  Jones, E. F., Ray, K. M., Li, W., Chien, A. J., Mukhtar, R. A., Esserman, L. J., Franc, B. L., Seo, Y., Pampaloni, M. H., Joe, B. N., Hylton, N. M.
  2019; 5: 12
- **Large Scale Semi-Automated Labeling of Routine Free-Text Clinical Records for Deep Learning.** *Journal of digital imaging*
  Trivedi, H. M., Panahiazar, M., Liang, A., Lituiev, D., Chang, P., Sohn, J. H., Chen, Y. Y., Franc, B. L., Joe, B., Hadley, D.
  2019; 32 (1): 30-37
- **A Deep Learning Model to Predict a Diagnosis of Alzheimer Disease by Using 18F-FDG PET of the Brain.** *Radiology*
  Ding, Y., Sohn, J. H., Kawczynski, M. G., Trivedi, H., Harnish, R., Jenkins, N. W., Lituiev, D., Copeland, T. P., Aboian, M. S., Mari Aparici, C., Behr, S. C., Flavell, R. R., Huang, et al
  2019; 290 (2): 456-464
- **Performance Comparison of Individual and Ensemble CNN Models for the Classification of Brain 18F-FDG-PET Scans.** *Journal of digital imaging*
  Nobashi, T. n., Zacharias, C. n., Ellis, J. K., Ferri, V. n., Koran, M. E., Franc, B. L., Iagaru, A. n., Davidzon, G. A.
  2019
- **Delayed Fluorodeoxyglucose Positron Emission Tomography Imaging in the Differentiation of Tumor Recurrence and Radiation Necrosis in Pediatric Central Nervous System Tumors: Case Report and Review of the Literature.** *Cureus*
  Wadhwa, E. L., Franc, B. L., Aboian, M., Kim, J. Y., Pampaloni, M., Nicolaides, T.
  2018; 10 (9): e3364
- **Exploration of PET and MRI radiomic features for decoding breast cancer phenotypes and prognosis.** *NPJ breast cancer*
  Huang, S. Y., Franc, B. L., Harnish, R. J., Liu, G., Mitra, D., Copeland, T. P., Arasu, V. A., Kornak, J., Jones, E. F., Behr, S. C., Hylton, N. M., Price, E. R., Esserman, et al
  2018; 4: 24
- **Geographic Variation in Postoperative Imaging for Low-Risk Breast Cancer.** *Journal of the National Comprehensive Cancer Network : JNCCN*
  Franc, B. L., Copeland, T. P., Thombley, R., Park, M., Marafino, B., Dean, M. L., Boscardin, W. J., Rugo, H. S., Seidenwurm, D., Sharma, B., Johnston, S. R., Dudley, R. A.
  2018; 16 (7): 829-837
- **Translational Radiomics: Defining the Strategy Pipeline and Considerations for Application-Part 2: From Clinical Implementation to Enterprise** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*

Shaikh, F., Franc, B., Allen, E., Sala, E., Awan, O., Hendrata, K., Halabi, S., Mohiuddin, S., Malik, S., Hadley, D., Shrestha, R.
2018; 15 (3): 543–49

- **Translational Radiomics: Defining the Strategy Pipeline and Considerations for Application-Part 1: From Methodology to Clinical Implementation** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
  Shaikh, F., Franc, B., Allen, E., Sala, E., Awan, O., Hendrata, K., Halabi, S., Mohiuddin, S., Malik, S., Hadley, D., Shrestha, R.
  2018; 15 (3): 538–42
- **Contextualizing Oncologic Imaging Utilization Through End-of-Life Spending Patterns** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
  Copeland, T. P., Hillman, J., Franc, B. L.
  2017; 14 (10): 1269–78
- **In Vivo PET Imaging of the Activated Immune Environment in a Small Animal Model of Inflammatory Arthritis** *MOLECULAR IMAGING*
  Franc, B. L., Goth, S., MacKenzie, J., Li, X., Blecha, J., Lam, T., Jivan, S., Hawkins, R. A., VanBrocklin, H.
  2017; 16: 1536012117712638
- **A PET Imaging Strategy to Visualize Activated T Cells in Acute Graft-versus-Host Disease Elicited by Allogenic Hematopoietic Cell Transplant.** *Cancer research*
  Ronald, J. A., Kim, B., Gowrishankar, G., Namavari, M., Alam, I. S., D'Souza, A., Nishikii, H., Chuang, H., Ilovich, O., Lin, C., Reeves, R., Shuhendler, A., Hoehne, et al
  2017; 77 (11): 2893-2902
- **Dedicated Breast Positron Emission Tomography for the Evaluation of Early Response to Neoadjuvant Chemotherapy in Breast Cancer.** *Clinical breast cancer*
  Jones, E. F., Ray, K. M., Li, W., Seo, Y., Franc, B. L., Chien, A. J., Esserman, L. J., Pampaloni, M. H., Joe, B. N., Hylton, N. M.
  2017; 17 (3): e155-e159
- **Contextualizing the use of oncologic imaging within treatment phases: imaging trends and modality preferences, 2000-2014** *CURRENT ONCOLOGY*
  Copeland, T. P., Creasman, J. M., Seidenwurm, D. J., Franc, B. L.
  2017; 24 (2): E99–E105
- **Imaging Bone-Cartilage Interactions in Osteoarthritis Using [F-18]-NaF PET-MRI** *MOLECULAR IMAGING*
  Savic, D., Pedoia, V., Seo, Y., Yang, J., Bucknor, M., Franc, B. L., Majumdar, S.
  2016; 15: 1–12
- **ACR Practice Parameter for the Performance of Therapy With Unsealed Radiopharmaceutical Sources** *CLINICAL NUCLEAR MEDICINE*
  Spratt, D. E., Zaki, B. I., Franc, B. L., Hartford, A. C., Osborne, J. R.
  2016; 41 (2): 106–17
- **Overall and disease-free survival outcomes of patients receiving intensity-modulated radiation therapy (IMRT) with PET-CT-based planning for cancers of the head and neck** *JOURNAL OF RADIOTHERAPY IN PRACTICE*
  Franc, B. L., DeLemos, C., Jones, C.
  2015; 14 (3): 285–95
- **Detection of Recurrent Non-Hodgkin Lymphoma on In-111 Capromab Pendetide Imaging** *CLINICAL NUCLEAR MEDICINE*
  Franc, B. L., Lin, H.
  2015; 40 (7): 585–88
- **Preclinical SPECT and SPECT/CT.** *Recent results in cancer research. Fortschritte der Krebsforschung. Progres dans les recherches sur le cancer*
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