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### Publications

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#### PUBLICATIONS

- **18F-FDG PET/CT for Evaluation of Post-Transplant Lymphoproliferative Disorder (PTLD).** *Seminars in nuclear medicine*  
Song, H., Guja, K. E., Iagaru, A.  
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
- **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
- **Peptide receptor radionuclide therapy (PRRT) for neuroendocrine tumors (NET): A two-year single institution experience**  
Duan, H., Ninatti, G., Girod, B., Ferri, V., Guja, K., Song, H., Kunz, P., Fisher, G., 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
- **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
- **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
- **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
- **Quantification of uptake in Ga-68-DOTATATE PET: Correlation between standardized uptake values and patient factors**  
Moradi, F., Guja, K., Aparici, C., Iagaru, A.

SOC NUCLEAR MEDICINE INC.2019

- **hnRNPA2 mediated acetylation reduces telomere length in response to mitochondrial dysfunction.** *PLoS one*  
Guha, M. n., Srinivasan, S. n., Johnson, F. B., Ruthel, G. n., Guja, K. n., Garcia-Diaz, M. n., Kaufman, B. A., Glineburg, M. R., Fang, J. n., Nakagawa, H. n., Basha, J. n., Kundu, T. n., Avadhani, et al  
2018; 13 (11): e0206897
- **Structure of human nSMase2 reveals an interdomain allosteric activation mechanism for ceramide generation.** *Proceedings of the National Academy of Sciences of the United States of America*  
Airoola, M. V., Shanbhogue, P. n., Shamseddine, A. A., Guja, K. E., Senkal, C. E., Maini, R. n., Bartke, N. n., Wu, B. X., Obeid, L. M., Garcia-Diaz, M. n., Hannun, Y. A.  
2017; 114 (28): E5549–E5558
- **Cost-effectiveness of magnetic resonance imaging versus ultrasound for the detection of symptomatic full-thickness supraspinatus tendon tears.** *Journal of shoulder and elbow surgery*  
Gyftopoulos, S. n., Guja, K. E., Subhas, N. n., Virk, M. S., Gold, H. T.  
2017; 26 (12): 2067–77
- **HnRNPA2 is a novel histone acetyltransferase that mediates mitochondrial stress-induced nuclear gene expression.** *Cell discovery*  
Guha, M. n., Srinivasan, S. n., Guja, K. n., Mejia, E. n., Garcia-Diaz, M. n., Johnson, F. B., Ruthel, G. n., Kaufman, B. A., Rappaport, E. F., Glineburg, M. R., Fang, J. K., Klein-Szanto, A. J., Klein Szanto, et al  
2016; 2: 16045
- **Reviewing the Reviewers: The Timeliness of Peer Review in Radiology Journals**  
Guja, K. E., Janardhanan, A., Stavro, J., Castillo, M., Schweitzer, M. E.  
Radiological Society of North America.2016
- **Structural and Biochemical Basis for Intracellular Kinase Inhibition by Src-specific Peptidic Macrocycles.** *Cell chemical biology*  
Aleem, S. n., Georgioui, G. n., Kleiner, R. E., Guja, K. n., Craddock, B. P., Lyczek, A. n., Chan, A. I., Garcia-Diaz, M. n., Miller, W. T., Liu, D. R., Seeliger, M. A.  
2016; 23 (9): 1103–12
- **A fidelity mechanism in DNA polymerase lambda promotes error-free bypass of 8-oxo-dG.** *The EMBO journal*  
Burak, M. J., Guja, K. E., Hambardjiev, E. n., Derkunt, B. n., Garcia-Diaz, M. n.  
2016; 35 (18): 2045–59
- **Nucleotide binding interactions modulate dNTP selectivity and facilitate 8-oxo-dGTP incorporation by DNA polymerase lambda.** *Nucleic acids research*  
Burak, M. J., Guja, K. E., Garcia-Diaz, M. n.  
2015; 43 (16): 8089–99
- **Unraveling Cholesterol Catabolism in Mycobacterium tuberculosis: ChsE4-ChsE5 #2#2 Acyl-CoA Dehydrogenase Initiates #-Oxidation of 3-Oxo-cholest-4-en-26-oyl CoA.** *ACS infectious diseases*  
Yang, M. n., Lu, R. n., Guja, K. E., Wiperman, M. F., St Clair, J. R., Bonds, A. C., Garcia-Diaz, M. n., Sampson, N. S.  
2015; 1 (2): 110–25
- **Completing the specificity swap: Single-stranded DNA recognition by F and R100 TraI relaxase domains.** *Plasmid*  
Guja, K. E., Schildbach, J. F.  
2015; 80: 1–7
- **A distinct MaoC-like enoyl-CoA hydratase architecture mediates cholesterol catabolism in Mycobacterium tuberculosis.** *ACS chemical biology*  
Yang, M. n., Guja, K. E., Thomas, S. T., Garcia-Diaz, M. n., Sampson, N. S.  
2014; 9 (11): 2632–45
- **Non-stop mRNA decay: a special attribute of trans-translation mediated ribosome rescue.** *Frontiers in microbiology*  
Venkataraman, K. n., Guja, K. E., Garcia-Diaz, M. n., Karzai, A. W.  
2014; 5: 93
- **Organization of the human mitochondrial transcription initiation complex.** *Nucleic acids research*  
Yakovskaya, E. n., Guja, K. E., Eng, E. T., Choi, W. S., Mejia, E. n., Beglov, D. n., Lukin, M. n., Kozakov, D. n., Garcia-Diaz, M. n.  
2014; 42 (6): 4100–4112
- **A remote palm domain residue of RB69 DNA polymerase is critical for enzyme activity and influences the conformation of the active site.** *PLoS one*

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Jacewicz, A. n., Trzemecka, A. n., Guja, K. E., Plochocka, D. n., Yakubovskaya, E. n., Bebenek, A. n., Garcia-Diaz, M. n.  
2013; 8 (10): e76700

- **Structural basis for S-adenosylmethionine binding and methyltransferase activity by mitochondrial transcription factor B1.** *Nucleic acids research*  
Guja, K. E., Venkataraman, K. n., Yakubovskaya, E. n., Shi, H. n., Mejia, E. n., Hambardjieva, E. n., Karzai, A. W., Garcia-Diaz, M. n.  
2013; 41 (16): 7947–59
- **Structure of the essential MTERF4:NSUN4 protein complex reveals how an MTERF protein collaborates to facilitate rRNA modification.** *Structure (London, England : 1993)*  
Yakubovskaya, E. n., Guja, K. E., Mejia, E. n., Castano, S. n., Hambardjieva, E. n., Choi, W. S., Garcia-Diaz, M. n.  
2012; 20 (11): 1940–47
- **Hitting the brakes: termination of mitochondrial transcription.** *Biochimica et biophysica acta*  
Guja, K. E., Garcia-Diaz, M. n.  
2011; 1819 (9-10): 939–47
- **Using fluorophore-labeled oligonucleotides to measure affinities of protein-DNA interactions.** *Methods in enzymology*  
Anderson, B. J., Larkin, C. n., Guja, K. n., Schildbach, J. F.  
2008; 450: 253–72
- **An intrastrand three-DNA-base interaction is a key specificity determinant of F transfer initiation and of F TraI relaxase DNA recognition and cleavage.** *Nucleic acids research*  
Hekman, K. n., Guja, K. n., Larkin, C. n., Schildbach, J. F.  
2008; 36 (14): 4565–72