




Andrei Iagaru

Associate Professor of Radiology (Nuclear Medicine) at the Stanford University Medical Center

Radiology - Rad/Molecular Imaging Program at Stanford

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Nuclear Medicine**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Sarina Smith - Administrative Assistant

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Bio

BIO

Dr. Iagaru is an Associate Professor of Radiology - Nuclear Medicine and the Chief of the Division of Nuclear Medicine and Molecular Imaging at Stanford Health Care. He completed medical school at Carol Davila University of Medicine, Bucharest, Romania, and an internship at Drexel University College of Medicine, Graduate Hospital, in the Department of Medicine in Philadelphia. He began his residency at the University of Southern California (USC) Keck School of Medicine, Los Angeles, in the Division of Nuclear Medicine, where he was the chief resident. Dr. Iagaru finished his residency and completed a PET/CT fellowship at Stanford University's School of Medicine in the Division of Nuclear Medicine. His research interests include PET/MRI and PET/CT for early cancer detection; clinical translation of novel PET radiopharmaceuticals; peptide-based diagnostic imaging and therapy; and radioimmunotherapy.

Since joining the faculty at Stanford in 2007, Dr. Iagaru has received several awards including the Society of Nuclear Medicine (SNM) 2009 Image of the Year Award; American College of Nuclear Medicine (ACNM) Mid-Winter Conference 2010 Best Essay Award; 2009, 2014 and 2015 Western Regional SNM Scientist Award; 2011 SNM Nuclear Oncology Council Young Investigator Award; and a Stanford Cancer Center 2009 Developmental Cancer Research Award in Translational Science.

Dr. Iagaru presented more than 100 abstracts at national and international meetings and published more than 100 papers in peer-reviewed journals, as well as 7 book chapters.

CLINICAL FOCUS

- Nuclear Medicine
- Positron-Emission Tomography

ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Radiology - Rad/Molecular Imaging Program at Stanford
- Member, Bio-X
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Member, Scientific Review Committee, Stanford Cancer Institute, (2012- present)
- Member, Clinical Radiation Safety Committee, (2009- present)
- Member, Department of Radiology Education Committee, (2009- present)
- Program Director, Nuclear Medicine Residency Program, (2011- present)

HONORS AND AWARDS

- Travel Grant, American College of Nuclear Physicians (2007)
- Alavi-Mandell Award, Society of Nuclear Medicine and Molecular Imaging (2008)
- Best Essay Award, American College of Nuclear Physicians (2008)
- Clinician Educator of the Year Award, Stanford Radiology Residency Program (2008)
- Alavi-Mandell Award, Society of Nuclear Medicine and Molecular Imaging (2009)
- Developmental Cancer Research Award, Stanford Cancer Center (2009)
- Image of the Year, Society of Nuclear Medicine and Molecular Imaging (2009)
- Norman D. Poe Memorial Scholarship Award, Western Regional Society of Nuclear Medicine (2009)
- Alavi-Mandell Award, Society of Nuclear Medicine and Molecular Imaging (2010)
- Best Essay Award, American College of Nuclear Medicine (2010)
- Best Essay Award, American College of Nuclear Medicine (2011)
- Nuclear Oncology Council Young Investigator Award - Second Place, Society of Nuclear Medicine and Molecular Imaging (2011)
- Radiopharmaceutical Sciences Council Travel Grant, Society of Nuclear Medicine and Molecular Imaging (2011)
- Young Professionals Tournament - First Place, SNMMI & Chinese Society of Nuclear Medicine Joint Meeting (2011)
- Fellow Award, American College of Nuclear Medicine (2013)
- Norman D. Poe Memorial Scholarship Award, Western Regional Society of Nuclear Medicine (2014)
- Norman D. Poe Memorial Scholarship Award, Western Regional Society of Nuclear Medicine (2015)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board of Directors, American Board of Nuclear Medicine (2016 - present)
- Member, National Comprehensive Cancer Network Thyroid Cancer Panel (2013 - present)
- Board of Directors, PET Center of Excellence, Society of Nuclear Medicine and Molecular Imaging (2013 - 2015)
- Chair, Targeted Radionuclide Therapy Working Group, Society of Nuclear Medicine and Molecular Imaging (2012 - 2016)
- Co-Chair, Outreach Committee, Society of Nuclear Medicine and Molecular Imaging (2011 - 2016)
- Co-Chair, PET/MRI Task Force, Society of Nuclear Medicine and Molecular Imaging (2013 - 2015)
- Co-Chair, Oncology Working Group, Society of Nuclear Medicine and Molecular Imaging (2013 - 2014)

PROFESSIONAL EDUCATION

- Residency: Stanford University Medical Center (2006) CA
- Fellowship: Stanford University Medical Center (2007) CA
- Board Certification: Nuclear Medicine, American Board of Nuclear Medicine (2006)
- Residency: USC - Keck School of Medicine (2005) CA
- Internship: Graduate Hospital (2004) PA
- Medical Education: Carol Davila University of Medicine (2000) Romania

LINKS

- Nuclear Medicine and Molecular Imaging Clinic: <http://nuclearmedicine.stanford.edu/>
- Stanford Hospital and Clinics - Imaging Services: <http://stanfordhospital.org/clinicsmedServices/medicalServices/imaging/imagingServices.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Current research projects include:

- 1) PET/MRI and PET/CT for Early Cancer Detection
- 2) Targeted Radionuclide Therapy
- 3) Clinical Translation of Novel PET Radiopharmaceuticals;

CLINICAL TRIALS

- 68Ga DOTA-TATE PET/CT in Somatostatin Receptor Positive Tumors, Recruiting
- 68Ga-PSMA PET/MRI in Finding Tumors in Patients With Intermediate or High-Risk Prostate Cancer Undergoing Surgery, Recruiting
- 68Ga-RM2 PET/CT in Detecting Regional Nodal and Distant Metastases in Patients With Intermediate or High-Risk Prostate Cancer, Recruiting
- 68Ga-RM2 PET/MRI in Biochemically Recurrent Prostate Cancer, Recruiting
- F18 DCFPyL PET/CT in Imaging Participants With Recurrent Prostate Cancer, Recruiting
- Integrin Alpha-v-Beta and [18F]-R01-MG-F2 PET/CT in Measuring Response in Patients With Pancreatic Cancer and Healthy Volunteers, Recruiting
- PET/MRI Imaging of Cardiac Sarcoidosis, Recruiting
- Phase I Pilot Study to Evaluate the Prognostic Value of Perfusion CT for Primary Cervical Cancer, Recruiting
- Quantitative 13N-Ammonia Cardiac Rest/Stress Digital PET/CT, Recruiting
- Standard PET/CT vs. Digital PET/CT, Recruiting
- Yttrium Y 90 Glass Microspheres PET/CT in Imaging Patients With Liver Tumors, Recruiting
- 18F FPPRGD2 PET/CT or PET/MRI in Predicting Early Response in Patients With Cancer Receiving Anti-Angiogenesis Therapy, Not Recruiting
- 18F-FDOPA PET/CT or PET/MRI in Measuring Tumors in Patients With Newly-Diagnosed or Recurrent Gliomas, Not Recruiting
- 18F-FSPG PET/CT for Cancer Patients on Therapy, Not Recruiting
- 68Ga-DOTA-Bombesin PET/MRI in Imaging Patients With Prostate Cancer, Not Recruiting
- 68Ga-PSMA PET/CT in Detecting Prostate Cancer Recurrence in Patients With Elevated PSA After Initial Treatment, Not Recruiting
- 68Ga-PSMA PET/CT or PET/MRI in Evaluating Patients With Recurrent Prostate Cancer, Not Recruiting
- A Study Comparing Treatment With 177Lu-DOTA0-Tyr3-Octreotate to Octreotide LAR in Patients With Inoperable, Progressive, Somatostatin Receptor Positive Midgut Carcinoid Tumours, Not Recruiting
- Assessing Response to Treatment in Non-Hodgkin's Lymphoma Patients Using 64Cu-DOTA-Rituximab PET/CT, Not Recruiting
- Combined 18F NaF/18F FDG PET/MRI for Detection of Skeletal Metastases, Not Recruiting
- Combined F-18 NaF and F-18 FDG PET/CT for Evaluation of Malignancy, Not Recruiting
- Comparison of PET/CT vs. PET/MRI, Not Recruiting
- EAP 177Lu-DOTA0-Tyr3-Octreotate for Inoperable, SSR+, NETs, Progressive Under SSA Tx, Not Recruiting
- Exploration of Tumor Accumulation of BAY94-9392 in Patients With Cancer, Not Recruiting
- NaF/FDG PET/MRI in Measuring Response to Radium Ra 223 Dichloride in Patients With Metastatic Hormone-Resistant Prostate Cancer, Not Recruiting
- Radium-223 Dichloride (BAY88-8223) in Castration-Resistant (Hormone-Refractory) Prostate Cancer Patients With Bone Metastases, Not Recruiting
- Study for Women With Platinum Resistant Ovarian Cancer Evaluating EC145 in Combination With Doxil® (PROCEED), Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Lucia Baratto, Heying Duan, Negin Hatami

Postdoctoral Research Mentor

Lucia Baratto, Negin Hatami

Publications

PUBLICATIONS

- **Clinical Evaluation of Ga-68-PSMA-Iota Iota and Ga-68-RM2 PET Images Reconstructed With an Improved Scatter Correction Algorithm** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Wangerin, K. A., Baratto, L., Khalighi, M., Hope, T. A., Gulaka, P. K., Deller, T. W., Iagaru, A. H.
2018; 211 (3): 655–60
- **Prostate Cancer Theranostics Targeting Gastrin-Releasing Peptide Receptors.** *Molecular imaging and biology : MIB : the official publication of the Academy of Molecular Imaging*
Baratto, L., Jadvar, H., Iagaru, A.
2018; 20 (4): 501–9
- **Combined 68Ga-NOTA-PRGD2 and 18F-FDG PET/CT Can Discriminate Uncommon Meningioma Mimicking High-Grade Glioma.** *Clinical nuclear medicine*
Li, D., Zhang, J., Ji, N., Zhao, X., Zheng, K., Qiao, Z., Li, F., Lang, L., Iagaru, A., Niu, G., Zhu, Z., Chen, X.
2018
- **18F-florbetaben whole-body PET/MRI for evaluation of systemic amyloid deposition.** *EJNMMI research*
Baratto, L., Park, S. Y., Hatami, N., Gulaka, P., Vasanawala, S., Yohannan, T. K., Herfkens, R., Witteles, R., Iagaru, A.
2018; 8 (1): 66
- **Nuclear Medicine Imaging Techniques for Detection of Skeletal Metastases in Breast Cancer** *PET CLINICS*
Iagaru, A., Minamimoto, R.
2018; 13 (3): 383–+
- **Gallium 68 PSMA-11 PET/MR Imaging in Patients with Intermediate- or High-Risk Prostate Cancer.** *Radiology*
Park, S. Y., Zacharias, C., Harrison, C., Fan, R. E., Kunder, C., Hatami, N., Giesel, F., Ghanouni, P., Daniel, B., Loening, A. M., Sonn, G. A., Iagaru, A.
2018: 172232
- **Initial experience with a SiPM-based PET/CT scanner: influence of acquisition time on image quality** *EJNMMI PHYSICS*
Sonni, I., Baratto, L., Park, S., Hatami, N., Srinivas, S., Davidzon, G., Gambhir, S., Iagaru, A.
2018; 5: 9
- **Radium-223 Safety, Efficacy, and Concurrent Use with Abiraterone or Enzalutamide: First US Experience from an Expanded Access Program** *ONCOLOGIST*
Sartor, O., Vogelzang, N. J., Sweeney, C., Fernandez, D. C., Almeida, F., Iagaru, A., Brown, A., Smith, M. R., Agrawal, M., Dicker, A. P., Garcia, J. A., Lutzky, J., Wong, et al
2018; 23 (2): 193–202
- **Quantitative imaging of bone-cartilage interactions in ACL-injured patients with PET-MRI.** *Osteoarthritis and cartilage*
Kogan, F., Fan, A. P., Monu, U., Iagaru, A., Hargreaves, B. A., Gold, G. E.
2018
- **Comparison Between Different PET and CT-Based Imaging Interpretation Criteria at Interim Imaging in Patients With Diffuse Large B-Cell Lymphoma** *CLINICAL NUCLEAR MEDICINE*
Baratto, L., Davidzon, G. A., Moghbel, M., Hatami, N., Iagaru, A., Mitra, E. S.
2018; 43 (1): 1–8

- **Standard OSEM vs. regularized PET image reconstruction: qualitative and quantitative comparison using phantom data and various clinical radiopharmaceuticals** *AMERICAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Lantos, J., Mittra, E. S., Levin, C. S., Iagaru, A.
2018; 8 (2): 110–18
- **Anaplastic Thyroid Cancer With Extensive Skeletal Muscle Metastases on 18F-FDG PET/CT.** *Clinical nuclear medicine*
Yurkiewicz, I. R., Ganjoo, K. N., Iagaru, A.
2018
- **Ga-68-PSMA-11 PET/CT in Newly Diagnosed Carcinoma of the Prostate: Correlation of Intraprostatic PSMA Uptake with Several Clinical Parameters** *JOURNAL OF NUCLEAR MEDICINE*
Koerber, S. A., Utzinger, M. T., Kratochwil, C., Kesch, C., Haefner, M. F., Katayama, S., Mier, W., Iagaru, A. H., Herfarth, K., Haberkorn, U., Debus, J., Giesel, F. L.
2017; 58 (12): 1943–48
- **Incidental extra-cardiac findings on (NH3)-N-13 myocardial perfusion PET/CT** *JOURNAL OF NUCLEAR CARDIOLOGY*
Iagaru, A.
2017; 24 (6): 1869–70
- **Carcinoid Syndrome Complicating a Pancreatic Neuroendocrine Tumor A Case Report** *PANCREAS*
Gerson, J. N., Witteles, R. M., Chang, D. T., Beygui, R. E., Iagaru, A. H., Kunz, P. L.
2017; 46 (10): 1381–85
- **Semiquantitative Assessment of F-18-FDG Uptake in the Normal Skeleton: Comparison Between PET/CT and Time-of-Flight Simultaneous PET/MRI** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Minamimoto, R., Xu, G., Jamali, M., Holley, D., Barkhodari, A., Zaharchuk, G., Iagaru, A.
2017; 209 (5): 1136–42
- **Dual-Integrin alpha(v)beta(3)-and Gastrin-Releasing Peptide Receptor-Targeting PET Radiotracer (Ga-68-BBN-RGD)** *JOURNAL OF NUCLEAR MEDICINE*
Iagaru, A.
2017; 58 (10): 1706
- **Will GRPR Compete with PSMA as a Target in Prostate Cancer?** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Iagaru, A.
2017
- **Clinical evaluation of TOF versus non-TOF on PET artifacts in simultaneous PET/MR: a dual centre experience.** *European journal of nuclear medicine and molecular imaging*
Ter Voert, E. E., Veit-Haibach, P., Ahn, S., Wiesinger, F., Khalighi, M. M., Levin, C. S., Iagaru, A. H., Zaharchuk, G., Huellner, M., Delso, G.
2017; 44 (7): 1223-1233
- **Initial Experience With Simultaneous 18F-FDG PET/MRI in the Evaluation of Cardiac Sarcoidosis and Myocarditis.** *Clinical nuclear medicine*
Hanneman, K., Kadoch, M., Guo, H. H., Jamali, M., Quon, A., Iagaru, A., Herfkens, R.
2017; 42 (7): e328-e334
- **Intra gastric meal distribution during routine gastric emptying scintigraphy: Validation of visual qualitative and semi-automated quantitative analysis**
Yu, D., Orthey, P., Ramsey, F., Bennett, P., Diaz, J., Fragomeni, R., Iagaru, A., Parkman, H., Maurer, A.
SOC NUCLEAR MEDICINE INC.2017
- **Ga-68 PSMA 11 PET/MRI in Patients with Newly Diagnosed Intermediate and High-Risk Prostate Cancers**
Zacharias, C., Harrison, C., Ghanouni, P., Sonn, G., Iagaru, A.
SOC NUCLEAR MEDICINE INC.2017
- **Imaging of Prostate Cancer Using Gallium-68-Labeled Bombesin.** *PET clinics*
Sonni, I., Baratto, L., Iagaru, A.
2017; 12 (2): 159-171
- **Assessment of skeletal tumour burden on F-18-NaF PET/CT using a new quantitative method** *NUCLEAR MEDICINE COMMUNICATIONS*
Lapa, P., Marques, M., Costa, G., Iagaru, A., de Lima, J. P.

2017; 38 (4): 325-332

- **Cisplatin and Etoposide or Temozolomide and Capecitabine in Treating Patients With Neuroendocrine Carcinoma of the Gastrointestinal Tract or Pancreas That Is Metastatic or Cannot Be Removed by Surgery**
Eads, J. R., Catalano, P., Fisher, G. A., Klimstra, D., Zhang, Z., Rubin, D., Iagaru, A., Wong, T. Z., O'Dwyer, P.
LIPPINCOTT WILLIAMS & WILKINS.2017: 451
- **Assessment of skeletal tumour burden on 18F-NaF PET/CT using a new quantitative method.** *Nuclear medicine communications*
Lapa, P., Marques, M., Costa, G., Iagaru, A., Pedroso de Lima, J.
2017
- **Conspicuity of Malignant Lesions on PET/CT and Simultaneous Time-Of-Flight PET/MRI** *PLOS ONE*
Minamimoto, R., Iagaru, A., Jamali, M., Holley, D., Barkhodari, A., Vasanaawala, S., Zaharchuk, G.
2017; 12 (1)
- **18F-FDG silicon photomultiplier PET/CT: A pilot study comparing semi-quantitative measurements with standard PET/CT.** *PloS one*
Baratto, L., Park, S. Y., Hatami, N., Davidzon, G., Srinivas, S., Gambhir, S. S., Iagaru, A.
2017; 12 (6)
- **Prospective Evaluation of 68Ga-RM2 PET/MRI in Patients with Biochemical Recurrence of Prostate Cancer and Negative Conventional Imaging.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Minamimoto, R., Sonni, I., Hancock, S., Vasanaawala, S., Loening, A., Gambhir, S. S., Iagaru, A.
2017
- **Relative value of three whole-body MR approaches for PET-MR, including gadofosveset-enhanced MR, in comparison to PET-CT.** *Clinical imaging*
Obara, P., Loening, A., Taviani, V., Iagaru, A., Hargreaves, B. A., Vasanaawala, S.
2017; 48: 62–68
- **Treatment and Outcomes in Classical Hodgkin Lymphoma Post-Transplant Lymphoproliferative Disorder in Children**
Twist, C., Hiniker, S., Gratzinger, D., Iagaru, A., Link, M., Donaldson, S.
WILEY-BLACKWELL.2016: S180
- **Improvements in PET Image Quality in Time of Flight (TOF) Simultaneous PET/MRI.** *Molecular imaging and biology*
Minamimoto, R., Levin, C., Jamali, M., Holley, D., Barkhodari, A., Zaharchuk, G., Iagaru, A.
2016; 18 (5): 776-781
- **Imaging patients with breast and prostate cancers using combined 18F-NaF/18F-FDG and TOF simultaneous PET/MRI**
Sonni, I., Minamimoto, R., Taviani, V., Loening, A., Gambhir, S. S., Vasanaawala, S., Iagaru, A.
SPRINGER.2016: S152
- **Ga68 RM2 PET/MRI Evaluation of Gastrin-Releasing Peptide Receptor Status in Patients with Biochemically Recurrent Prostate Cancer and Negative Conventional Imaging**
Iagaru, A., Sonni, I., Minamimoto, R., Loening, A., Vasanaawala, S.
SPRINGER.2016: S28
- **Bone-Targeted Imaging and Radionuclide Therapy in Prostate Cancer** *JOURNAL OF NUCLEAR MEDICINE*
Iagaru, A. H., Mitra, E., Colletti, P. M., Jadvar, H.
2016; 57: 19S-24S
- **Bombesin-Targeted PET of Prostate Cancer** *JOURNAL OF NUCLEAR MEDICINE*
Mansi, R., Minamimoto, R., Macke, H., Iagaru, A. H.
2016; 57: 67S-72S
- **Clinical significance of extraskelatal computed tomography findings on 18F-NaF PET/CT performed for osseous metastatic disease evaluation.** *Nuclear medicine communications*
Guo, H. H., Moradi, F., Iagaru, A.
2016; 37 (9): 975-982
- **Systemic Radioligand Therapy with Lu-177 Labeled Prostate Specific Membrane Antigen Ligand for Imaging and Therapy in Patients with Metastatic Castration Resistant Prostate Cancer** EDITORIAL COMMENT *JOURNAL OF UROLOGY*
Iagaru, A.

2016; 196 (2): 390

- **Glioblastoma Multiforme Recurrence: An Exploratory Study of (18)F FPPRGD2 PET/CT.** *Radiology*
Iagaru, A., Mosci, C., Mitra, E., Zaharchuk, G., Fischbein, N., Harsh, G., Li, G., Nagpal, S., Recht, L., Gambhir, S. S.
2016; 280 (1): 328-?
- **PET Imaging Toward Individualized Management of Urologic and Gynecologic Malignancies.** *PET clinics*
Sonni, I., Iagaru, A.
2016; 11 (3): 261-272
- **A Prospective, Matched Comparison Study of SUV Measurements From Time-of-Flight Versus Non-Time-of-Flight PET/CT Scanners** *CLINICAL NUCLEAR MEDICINE*
Thompson, H. M., Minamimoto, R., Jamali, M., Barkhodari, A., von Eyben, R., Iagaru, A.
2016; 41 (7): E323-E326
- **Pilot prospective evaluation of F-18-FPPRGD(2) PET/CT in patients with cervical and ovarian cancer** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Minamimoto, R., Karam, A., Jamali, M., Barkhodari, A., Gambhir, S. S., Dorigo, O., Iagaru, A.
2016; 43 (6): 1047-1055
- **Spectrum of Ga-68-DOTA TATE Uptake in Patients With Neuroendocrine Tumors** *CLINICAL NUCLEAR MEDICINE*
Moradi, F., Jamali, M., Barkhodari, A., Schneider, B., Chin, F., Quon, A., Mitra, E. S., Iagaru, A.
2016; 41 (6): E281-E287
- **Pilot Comparison of Ga-68-RM2 PET and Ga-68-PSMA-11 PET in Patients with Biochemically Recurrent Prostate Cancer** *JOURNAL OF NUCLEAR MEDICINE*
Minamimoto, R., Hancock, S., Schneider, B., Chin, F. T., Jamali, M., Loening, A., Vasawala, S., Gambhir, S. S., Iagaru, A.
2016; 57 (4): 557-562
- **Evaluation of a new motion correction algorithm in PET/CT: combining the entire acquired PET data to create a single three-dimensional motion-corrected PET/CT image** *NUCLEAR MEDICINE COMMUNICATIONS*
Minamimoto, R., Mitsumoto, T., Miyata, Y., Sunaoka, F., Morooka, M., Okasaki, M., Iagaru, A., Kubota, K.
2016; 37 (2): 162-170
- **Ga-68-DOTA-Bombesin (Ga-68-RM2 or Ga-68-Bombesin) PET versus Ga-68-PSMA PET: A pilot prospective evaluation in patients with biochemical recurrence of prostate cancer.**
Iagaru, A., Minamimoto, R., Hancock, S., Mitra, E., Loening, A., Vasawala, S.
AMER SOC CLINICAL ONCOLOGY.2016
- **Pilot Preclinical and Clinical Evaluation of (4S)-4-(3-[18F]Fluoropropyl)-L-Glutamate (18F-FSPG) for PET/CT Imaging of Intracranial Malignancies.** *PLoS one*
Mitra, E. S., Koglin, N., Mosci, C., Kumar, M., Hoehne, A., Keu, K. V., Iagaru, A. H., Mueller, A., Berndt, M., Bullich, S., Friebe, M., Schmitt-Willich, H., Gekeler, et al
2016; 11 (2)
- **Prospective Comparison of 99mTc-MDP Scintigraphy, Combined 18F-NaF and 18F-FDG PET/CT, and Whole-Body MRI in Patients with Breast and Prostate Cancer.** *Journal of nuclear medicine*
Minamimoto, R., Loening, A., Jamali, M., Barkhodari, A., Mosci, C., Jackson, T., Obara, P., Taviani, V., Gambhir, S. S., Vasawala, S., Iagaru, A.
2015; 56 (12): 1862-1868
- **Dynamic brain PET/MR using TOF reconstruction.** *EJNMMI physics*
Khalighi, M. M., Delso, G., Tohme, M., Iagaru, A., Zaharchuk, G.
2015; 2: A60-?
- **The potential of TOF PET-MRI for reducing artifacts in PET images.** *EJNMMI physics*
Iagaru, A., Minamimoto, R., Levin, C., Barkhodari, A., Jamali, M., Holley, D., Greg, Z.
2015; 2: A77-?
- **Whole-body simultaneous time-of-flight PET-MRI: early experience with clinical studies.** *EJNMMI physics*
Minamimoto, R., Iagaru, A., Jamali, M., Barkhodari, A., Holley, D., Vasawala, S., Zaharchuk, G.
2015; 2: A64-?

- **Imaging patients with breast and prostate cancers using combined 18F NaF/18F FDG and TOF simultaneous PET/ MRI.** *EJNMMI physics*
Iagaru, A., Minamimoto, R., Jamali, M., Barkhodari, A., Gambhir, S. S., Vasanaawala, S.
2015; 2: A65-?
- **Glioblastoma Multiforme Recurrence: An Exploratory Study of F-18 FPPRGD(2) PET/CT1** *RADIOLOGY*
Iagaru, A., Mosci, C., Mitra, E., Zaharchuk, G., Fischbein, N., Harsh, G., Li, G., Nagpal, S., Recht, L., Gambhir, S. S.
2015; 277 (2): 497-506
- **Biodistribution of the (18)F-FPPRGD2 PET radiopharmaceutical in cancer patients: an atlas of SUV measurements.** *European journal of nuclear medicine and molecular imaging*
Minamimoto, R., Jamali, M., Barkhodari, A., Mosci, C., Mitra, E., Shen, B., Chin, F., Gambhir, S. S., Iagaru, A.
2015; 42 (12): 1850-1858
- **Incorporation of TOF information reduces artifacts in simultaneous TOF PET/MR scanning**
ter Voert, E., Davison, H., Barbosa, F., Huellner, M., Ahn, S., Wiesinger, F., Levin, C., Iagaru, A., Zaharchuk, G., Delso, G., Veit-Haibach, P.
SPRINGER.2015: S437-S438
- **Standard OSEM vs. Regularized PET Image Reconstruction: Qualitative and Semi-Quantitative Comparison**
Iagaru, A., Lantos, J., Mitra, E., Levin, C.
SPRINGER.2015: S354
- **F-18-Fluoride PET in the Assessment of Malignant Bone Disease** *JOURNAL OF NUCLEAR MEDICINE*
Iagaru, A.
2015; 56 (10): 1476-77
- **Semi-quantitative assessment of 18F FDG uptake in the normal skeleton using simultaneous PET/MRI: initial comparison to PET/CT in 50 patients**
Xu, G., Minamimoto, R., Quon, A., Mitra, E., Iagaru, A.
SPRINGER.2015: S18
- **Combined 18F NaF/18F FDG and TOF simultaneous PET/MRI: One-Stop Shop Staging of Patients with Breast and Prostate Cancers**
Minamimoto, R., Loening, A., Obara, P., Taviani, V., Gambhir, S. S., Vasanaawala, S., Iagaru, A.
SPRINGER.2015: S438-S439
- **Improvements in PET Image quality from TOF PET/MRI**
Minamimoto, R., Jamali, M., Barkhodari, A., Holley, D., Zaharchuk, G., Levin, C., Iagaru, A.
SPRINGER.2015: S19
- **Combined F-18-NaF and F-18-FDG PET/CT in the Evaluation of Sarcoma Patients** *CLINICAL NUCLEAR MEDICINE*
Jackson, T., Mosci, C., von Eyben, R., Mitra, E., Ganjoo, K., Biswal, S., Gambhir, S. S., Iagaru, A.
2015; 40 (9): 720-724
- **Anaplastic Thyroid Carcinoma, Version 2.2015** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*
Haddad, R. I., Lydiatt, W. M., Ball, D. W., Busaidy, N. L., Byrd, D., Callender, G., Dickson, P., Duh, Q., Ehya, H., Haymart, M., Hoh, C., Hunt, J. P., Iagaru, et al
2015; 13 (9): 1140-1150
- **Fusion dual-tracer SPECT-based hepatic dosimetry predicts outcome after radioembolization for a wide range of tumour cell types** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Lam, M. G., Banerjee, A., Goris, M. L., Iagaru, A. H., Mitra, E. S., Louie, J. D., Sze, D. Y.
2015; 42 (8): 1192-1201
- **Stereotactic ablative radiotherapy for the treatment of refractory cardiac ventricular arrhythmia.** *Circulation. Arrhythmia and electrophysiology*
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