





Andrei Iagaru

Professor of Radiology (Nuclear Medicine) at the Stanford University Medical Center
Radiology - Rad/Nuclear Medicine

 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 a 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.

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 130 papers in peer-reviewed journals, as well as 7 book chapters and 1 book (PET MRI in Oncology).

CLINICAL FOCUS

- Nuclear Medicine
- Positron-Emission Tomography

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Radiology - Rad/Nuclear Medicine
- 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)
- Editor's Recognition Award, Clinical Nuclear Medicine (2016)
- Norman D. Poe Memorial Scholarship Award, Western Regional Society of Nuclear Medicine (2017)
- Clinician of the Year, Department of Radiology, Stanford University (2018)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, ACGME, Nuclear Medicine RRC (2019 - present)
- 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: University of Southern California Keck School of Medicine Registrar (2005) CA
- Residency: Stanford University Medical Center (2006) CA

- Fellowship: Stanford University Medical Center (2007) CA
- Board Certification: Nuclear Medicine, American Board of Nuclear Medicine (2006)
- 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

- 18F-FSPG PET/MRI or PET/CT Imaging of Cardiac Sarcoidosis or Inflammation, Recruiting
- 68Ga-PSMA-11 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
- A Pilot Study of 68Ga PSMA 11 PET/MRI and 68Ga RM2 PET/MRI for Biopsy Guidance in Patients With Suspected 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
- Quantitative 13N-Ammonia Cardiac Rest/Stress Digital PET/CT, Recruiting
- Standard PET/CT vs. Digital PET/CT, Recruiting
- Study of 18F-DCFPyL PET/CT Imaging in Patients With Suspected Recurrence of Prostate Cancer, 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
- 68-Ga-RM2 PET/MRI in Imaging Patients With Estrogen Receptor-Positive Breast Cancer, Not Recruiting
- 68Ga DOTA-TATE PET/CT in Somatostatin Receptor Positive Tumors, 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
- Phase I Pilot Study to Evaluate the Prognostic Value of Perfusion CT for Primary Cervical 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

- **18F-FPPRGD2 PET/CT in patients with metastatic renal cell cancer.** *European journal of nuclear medicine and molecular imaging*
Torihara, A., Duan, H., Thompson, H. M., Park, S., Hatami, N., Baratto, L., Fan, A. C., Iagaru, A.
2019
- **Serial Cardiac FDG-PET for the Diagnosis and Therapeutic Guidance of Patients with Cardiac Sarcoidosis.** *Journal of cardiac failure*
Ning, N., Guo, H. H., Iagaru, A., Mittra, E., Fowler, M., Witteles, R.
2019
- **Multimodality Hyperpolarized C-13 MRS/PET/Multiparametric MR Imaging for Detection and Image-Guided Biopsy of Prostate Cancer: First Experience in a Canine Prostate Cancer Model.** *Molecular imaging and biology : MIB : the official publication of the Academy of Molecular Imaging*
Bachawal, S. V., Park, J. M., Valluru, K. S., Loft, M. D., Felt, S. A., Vilches-Moure, J. G., Saenz, Y. F., Daniel, B., Iagaru, A., Sonn, G., Cheng, Z., Spielman, D. M., Willmann, et al
2019
- **Imaging gastrin-releasing peptide receptors (GRPRs) in prostate cancer** *CLINICAL AND TRANSLATIONAL IMAGING*
Baratto, L., Laudicella, R., Picchio, M., Baldari, S., Iagaru, A.
2019; 7 (1): 39–44
- **NCCN Guidelines Insights: Thyroid Carcinoma, Version 2.2018.** *Journal of the National Comprehensive Cancer Network : JNCCN*
Haddad, R. I., Nasr, C., Bischoff, L., Busaidy, N. L., Byrd, D., Callender, G., Dickson, P., Duh, Q., Ehya, H., Goldner, W., Haymart, M., Hoh, C., Hunt, et al
2018; 16 (12): 1429–40
- **Standardized uptake value atlas: physiological and abnormal Ga-68-RM2 uptake in patients with prostate cancer**
Baratto, L., Duan, H., Torihara, A., Hatami, N., Laudicella, R., Nobashi, T., Iagaru, A.
SPRINGER.2018: S526–S527
- **Diagnostic 123I Whole Body Scan Prior to Ablation of Thyroid Remnant in Patients With Papillary Thyroid Cancer: Implications for Clinical Management** *CLINICAL NUCLEAR MEDICINE*
Song, H., Mosci, C., Akatsu, H., Basina, M., Dosiou, C., Iagaru, A.
2018; 43 (10): 705–9
- **Ga-68-RM2 PET vs. Ga-68-PSMA-11 PET: Prospective Comparison in Patients with Biochemical Recurrence of Prostate Cancer**
Baratto, L., Duan, H., Minamimoto, R., Mari, C., Yohannan, T., Davidzon, G., Iagaru, A.
SPRINGER.2018: S151

- **Ga-68-RM2 PET/MRI Detection of Recurrent Prostate Cancer in Patients with Negative Conventional Imaging**
Baratto, L., Duan, H., Harrison, C., Mari, C., Davidzon, G., Yohannan, T., Iagaru, A.
SPRINGER.2018: S151–S152
- **Ga-68-PSMA-11 Imaging for Biochemical Relapse of Prostate Cancer Using Dual-Time LYSO and SiPM-Based Detectors PET/CT**
Duan, H., Park, S., Baratto, L., Hatami, N., Khalaf, M. H., Yohannan, T. K., Davidzon, G. A., Iagaru, A. H.
SPRINGER.2018: S713
- **High Quality Imaging and Dosimetry of Yttrium-90 (Y-90) SIRT Using a Digital PET/CT**
Duan, H., Khalaf, M. H., Baratto, L., Sze, D., Srinivas, S. M., Iagaru, A. H.
SPRINGER.2018: S197
- **Dual-Time Ga-68-RM2 Imaging for Staging Patients with Newly Diagnosed Intermediate or High Risk Prostate Cancer Using PMT and SiPM-Based Detectors PET/CT**
Baratto, L., Duan, H., Hatami, N., Yohannan, T., Mari, C., Davidzon, G., Iagaru, A.
SPRINGER.2018: S724
- **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., Mitra, 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
- **Intragastric 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., Mittra, 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., Mittra, 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., Mittra, 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*
Mittra, 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*
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