I. Biographical and Bibliographic Information

IDENTIFYING DATA

1. **Name:** Andrei Horia Iagaru

A. ACADEMIC HISTORY

1. Colleges and Universities Attended

Oct. 1994 - Nov. 2000	Carol Davila Medical School, Bucharest, Romania, M.D.

2. Scholarships and Academic Honors (Excludes Post Degree Awards)

1994	High School Valedictorian
1995, 1997, 1999, 2000	Carol Davila Excellence Scholarship/Dean's Honor List
1996	Education Secretary's Emeritus Scholarship

3. Postdoctoral Residency and Training

Jun. 2003 - Jun. 2004	Drexel University College of Medicine, Graduate Hospital, Department of Medicine (Intern)
Jul. 2004 – Jun. 2005	Keck School of Medicine of USC, LSC+USC Medical Center, Radiology Department, Division of Nuclear Medicine (Chief Resident)
Jul. 2005 – Jun. 2006	Stanford School of Medicine, Stanford Hospital and Clinics, Radiology Department, Division of Nuclear Medicine (Resident)
Jul. 2006 – Jun. 2007	Stanford School of Medicine, Stanford Hospital and Clinics, Radiology Department, Division of Nuclear Medicine (PET/CT Fellow)

4. Certifications

Oct. 2006	American Board of Nuclear Medicine
Feb. 2012	Radiography X-Ray Supervisor and Operator, ARRT

B. EMPLOYMENT HISTORY

1. Academic Appointments

Jul. 2004 – Jun. 2005	Clinical Instructor, Department of Radiology, Division of Nuclear Medicine Keck School of Medicine, University of Southern California
Jul. 2007 – Aug. 2010	Clinical Instructor, Department of Radiology, Division of Nuclear Medicine, Stanford School of Medicine, Stanford University Medical Center
Sep. 2010 – present	Assistant Professor, Department of Radiology, Division of Nuclear Medicine, Stanford School of Medicine, Stanford University Medical Center

C. PUBLIC AND PROFESSIONAL SERVICE

1. Committees and Appointments

2006 - present	Reviewer: *Radiology; American Journal of Roentgenology; Journal of Nuclear Medicine; European Journal of Nuclear Medicine and Molecular Biology, Molecular Imaging and Biology; Annals of Nuclear Medicine; Nuclear Medicine Communications; Journal of Computer Assisted Tomography; Haematologica; British Journal of Cancer; Indian Journal of Cancer; American Journal of Neuroradiology*
2009 - present	Editorial Board: *PLoS ONE; American Journal of Nuclear Medicine and Molecular Imaging; Clinical Nuclear Medicine; Quantitative Imaging in Medicine and Surgery; World Journal of Radiology; Terapeutica*
2009 - present	Member: *Radiology Residency Education Committee; Clinical Radiation Safety Committee; LPCH Transformation Project Committee - Nuclear Medicine /PET-CT;*
2011 - present	Intern: *SNMMI Correlative Imaging Council*
2011 - present	Program Director: *Stanford Nuclear Medicine Residency Program*
2011 - present	Academic Editor: *PLoS ONE*
2011 - 2013	SNMMI Ambassador to ASCO
2011 - present	Co-Chair: *SNMMI Outreach Committee*
2012 - present	Co-Chief: *Division of Nuclear Medicine and Molecular Imaging, Stanford University Medical Center*
2012 - present	Member: *SNMMI Committee on Public Relations*
2012 - present	Co-Chair: *SNMMI Targeted Radiotherapy Working Group*
2013	Co-Chair: *2nd Sino-American Nuclear Medicine Conference, New Orleans, LA*

D. POST-DEGREE HONORS AND AWARDS

1. Honors and Awards

2006	Research featured in RSNA Daily Bulletin
2007	Travel Grant Award, ACNP Annual Meeting: "^{18}F FDG PET/CT Prediction of Response to Chemotherapy in Lymphoma: When is the Optimal Time for the First Re-Evaluation Scan?"
2008	Research featured on AuntMinnie.com and RSNA News Highlights
2008	Best Essay Award, ACNP Annual Meeting: "^{131}I-Tositumomab (Bexxar®) vs. ^{90}Y-Ibritumomab (Zevalin®) in Refractory/Relapsed Non-Hodgkin's Lymphoma"
2008	Best Essay Award, ACNP Annual Meeting: "^{18}F FDG PET/CT in Head and Neck Cancers: What is the Definition of Whole-Body Scanning?"
2008	Alavi-Mandell Award, Society of Nuclear Medicine, the Journal of Nuclear Medicine
2008	Outstanding Teaching Award, Stanford Radiology Residency Program
2009	Alavi-Mandell Award, Society of Nuclear Medicine, the Journal of Nuclear Medicine
2009	Image of the Year Award, Society of Nuclear Medicine
2009	Developmental Cancer Research Award, Stanford Cancer Center

2009	Norman D. Poe Memorial Scholarship Award, Western Regional SNM Annual Meeting
2010	Best Essay Award, ACNM Annual Meeting: "Combined ^{18}F NaF and ^{18}F FDG PET/CT Scan for Evaluation of Malignancy: Beyond the Pilot Study"
2010	Alavi-Mandell Award, Society of Nuclear Medicine, The Journal of Nuclear Medicine
2011	Research featured on AuntMinnie.com and SNM News Highlights
2011	Best Essay Award, ACNM Annual Meeting: "Classical Hodgkin Lymphoma in First Complete Remission: Is There a Role for ^{18}F FDG PET/CT Surveillance?"
2011	Winner – Young Professional Tournament, 1st Sino-American Conference on Nuclear Medicine
2011	Radiopharmaceutical Sciences Council Travel Grant, SNM Annual Meeting
2011	Nuclear Oncology Council Young Investigator Award, 2nd Place, SNM Annual Meeting
2012	Research featured on SNMMI News Highlights, NCI
2013	Fellow, American College of Nuclear Medicine

2. Professional Membership Associations

2005	Society of Nuclear Medicine
2005	Radiological Society of North America
2006	Academy of Molecular Imaging
2006	Romanian Radiology and Medical Imaging Society
2007	European Association of Nuclear Medicine
2007	American College of Nuclear Medicine

E. SCHOLARLY PUBLICATIONS

1. Peer-reviewed journal articles

1. Jadvar H, Bonyadlou S, **Iagaru A**, Colletti P. ^{18}F FDG PET/CT Demonstration of Salivary Glands Involvement in Sjogren's Syndrome. Clin Nucl Med. 2005 Oct;30(10):698-9.

2. **Iagaru A,** Wassef H, Henderson R. Failed Atrial Septal Defect Repair versus Pulmonary Hypertension with Right Ventricular Failure. Clin Nucl Med. 2005 Nov;30(11):767-8.

3. **Iagaru A**, Siegel ME. Demonstration of a Right Inguinal Hernia Containing Urinary Bladder Diverticulum on Whole Body Bone Scan and Pelvic CT. Eur J Nucl Med Mol Imaging. 2006 Feb;33(2):234.

4. **Iagaru A**, Mari C, Segall G. ^{18}F FDG PET Evaluation of Bronchial Plasmacytoma, with CT and MRI Correlation. Clin Nucl Med. 2006 May;31(5):279-80.

5. **Iagaru A,** Quon A, McDougall IR, Gambhir SS. Merkel Cell Carcinoma: Is There a Role for ^{18}F FDG PET/CT? Mol Imaging Biol. 2006 Jul-Aug;8(4):212-7.

6. **Iagaru A,** Gamie S, Segall G. ^{18}F FDG PET Imaging of Urinary Bladder Oat Cell Carcinoma with Widespread Osseous Metastases. Clin Nucl Med. 2006 Aug;31(8):476-8.

7. **Iagaru A**, Henderson R. ^{18}F FDG PET/CT in the Follow-Up of Non-Ossifying Fibroma. AJR Am J Roentgenol. 2006. Sep;187(3):830-2.

8. **Iagaru A**, Hachamovitch R, Colletti PM, Wassef H. Ectopic Mediastinal Parathyroid Adenoma on ^{99m}Tc Sestamibi Myocardial Perfusion Scintigraphy. J Nucl Cardiol. 2006 Sep;13(5):719-21.

9. **Iagaru A,** Masamed R, Singer PA, Conti PS. ^{18}F FDG PET and PET/CT Diagnosis of Patients with Recurrent Papillary Thyroid Cancer. Mol Imaging Biol. 2006 Sep-Oct;8(5):309-14.

10. **Iagaru A**, Chawla SP, Menendez LR, Conti PS. ^{18}F FDG PET and PET/CT for Detection of Pulmonary Metastases from Musculoskeletal Sarcomas. Nucl Med Commun. 2006 Oct;27(10):795-802.

11. **Iagaru A**, Quon A, McDougall IR, Gambhir SS. ^{18}F FDG PET/CT Evaluation of Osseous and Soft Tissue Sarcomas. Clin Nucl Med. 2006 Dec;31(12):754-760.

12. **Iagaru A,** McDougall IR. ^{18}F FDG PET/CT Demonstration of an Adrenal Metastasis in a Patient with Anaplastic Thyroid Cancer. Clin Nucl Med. 2007 Jan;32(1):13-5.

13. **Iagaru A**, Quon A, Johnson D, Gambhir SS, McDougall IR. ^{18}F FDG PET/CT in the Management of Melanoma. Mol Imaging Biol. 2007 Jan-Feb;9(1):50-7.

14. **Iagaru A**, Mari C, Gambhir SS. Follicular Dendritic Sarcoma within a Focus of Castleman's Disease. Serial ^{18}F FDG PET/CT in the Follow-Up of Recurrence with Histopathologic Confirmation. Rev Esp Med Nucl. 2007 Jan;26(1):40-5.

15. **Iagaru A**, Masamed R, Keesara S, Conti PS. Breast MRI and ^{18}F FDG PET/CT in the Management of Breast Cancer. Ann Nucl Med. 2007 Jan;21(1):33-8.

16. **Iagaru A**, Gamie S, Segall G. ^{18}F FDG PET Visualization of Urinary Leak Following Nephrostomy Tube Removal. Clin Nucl Med. 2007 Feb;32(2):168-169.

17. **Iagaru A,** McDougall IR. Therapy of Thyrotoxicosis. J Nucl Med. 2007 Mar;48(3):379-89

18. **Iagaru A,** Masamed R, Singer PA, Conti PS. Detection of Occult Medullary Thyroid Cancer Recurrence with ^{18}F FDG PET and PET/CT. Mol Imaging Biol. 2007 Mar-Apr;9(2):72-7.

19. **Iagaru A,** Quon A. Advances in Metabolic Imaging for Surgical Oncology. Surg Oncol Clin N Am. 2007 Apr;16(2):273-92.

20. **Iagaru A,** Kalinyak J, McDougall IR. ^{18}F FDG PET/CT in the Management of Thyroid Cancer. Clin Nucl Med. 2007 Sep;32(9):690-5.

21. **Iagaru A,** Chen X, Gambhir SS. Molecular Imaging Can Speed Up Anti-Angiogenic Drug Development. Nat Clin Pract Oncol. 2007 Oct;4(10):556-7.

22. Mittra ES, **Iagaru A,** Quon A, Fischbein N. PET Imaging of Skull Base Neoplasms. PET Clinics. 2007 Oct;2(4):489-510.

23. **Iagaru A**, Masamed R, Chawla S, Menendez L, Fedenko A, Conti PS. ^{18}F FDG PET and PET/CT Evaluation of Response to Neoadjuvant Chemotherapy in Musculoskeletal and Soft-Tissue Sarcomas. Clin Nucl Med. 2008 Jan;33(1):8-13.

24. **Iagaru A**, Peterson D, Quon A, Dutta S, Twist C, Daghighian F, Gambhir SS, Albanese C. Case study: ^{123}I MIBG Mapping with Intraoperative Gamma Probe for Recurrent Neuroblastoma. Mol Imaging Biol. 2008 Jan-Feb;10(1):19-23.

25. **Iagaru A,** Goris ML, Gambhir SS. Perspectives of Molecular Imaging and Radioimmunotherapy in Lymphoma. Radiol Clin North Am. 2008 Mar;46(2):243-252.

26. **Iagaru A**, Goris ML. Rhabdomyosarcoma diffusely metastatic to the bone marrow: suspicious findings on 99mTc-MDP bone scintigraphy confirmed by ^{18}F FDG PET/CT and bone marrow biopsy. Eur J Nucl Med Mol Imaging. 2008 Sep;35(9):1746.

27. **Iagaru A**, Gambhir SS, Goris ML. ^{90}Y-Ibritumomab (Zevalin®) Therapy in Refractory Non-Hodgkin's Lymphoma: Observations from ^{111}In-Ibritumomab Pre-Treatment Imaging. J Nucl Med. 2008 Nov;49(11):1809-1812.

28. **Iagaru A**, Mittra ES, McDougall IR, Quon A, Gambhir SS. ^{18}F FDG PET/CT Evaluation of Patients with Ovarian Carcinoma. Nucl Med Commun. 2008 Dec;29(12):1046-51.

29. **Iagaru A**, Wang, Y, Mari C, Quon A, Goris ML, Horning S, Gambhir SS. ^{18}F FDG PET/CT Evaluation of Response to Therapy in Lymphoma: When is the Optimal Time for the First Re-evaluation Scan? Hell J Nucl Med. 2008 Sep-Dec;11(3):153-6.

30. **Iagaru A**, Mittra ES, Yaghoubi S, Dick DW, Quon A, Goris ML, Gambhir SS. A Novel Strategy for a Cocktail ^{18}F Fluoride and ^{18}F FDG PET/CT Scan for Evaluation of Malignancy: Results of the Pilot Phase Study. J Nucl Med. 2009 Apr;50(4):501-5.

31. **Iagaru A**, Kundu R, Jadvar H, Nagle D. Evaluation by ^{18}F FDG PET of patients with anal squamous cell carcinoma. Hell J Nucl Med. 2009 Jan-Apr;12(1):26-8.

32. Mittra ES, El-Maghraby T, Rodriguez CA, Quon A, McDougall IR, Gambhir SS, **Iagaru A**. Efficacy of ^{18}F-FDG PET/CT in the Evaluation of Patients with Recurrent Cervical Carcinoma. Eur J Nucl Med Mol Imaging. 2009 Dec;36(12):1952-9.

33. **Iagaru A**, Mittra ES, Ganjoo K, Knox SJ, Goris ML. ^{131}I-Tositumomab (Bexxar®) vs. ^{90}Y-Ibritumomab (Zevalin®) Therapy of Refractory/Relapsed Non-Hodgkin Lymphoma. Mol Imaging Biol. 2010 Apr;12(2):198-203.

34. Mittra ES, **Iagaru A**. ^{18}F FDG PET and PET/CT for evaluating primary bone tumors. PET Clin. 2010 Jul;5(3):327-40.

35. Mansouri MA, **Iagaru A**. ^{18}F FDG PET/CT Demonstration of Lymphohistiocytic Meningitis. Clin Nucl Med. 2010 Aug;35(8):633-4.

36. Lin F, **Iagaru A.** Current Concepts and Future Directions in Radioimmunotherapy. Curr Drug Discov Technol. 2010 Dec 1;7(4):253-62.

37. **Iagaru A.** (18)F-FDG PET/CT: timing for evaluation of response to therapy remains a clinical challenge. Am J Nucl Med Mol Imaging. 2011;1(1):63-4.

38. Mittra ES, **Iagaru A,** Leung A. Case 166: Metastatic Left Pulmonary Artery Sarcoma. Radiology. 2011 Feb;258(2):645-648.

39. McDougall IR, **Iagaru A**. Thyroid Stunning: Fact or Fiction? Seminars in Nuclear Medicine. 2011 Mar;41(2):105-112.

40. **Iagaru A**, Mittra ES, Gambhir SS. ^{18}F FDG PET/CT in Cancers of the Head and Neck: What is the Definition of Whole-Body Scanning? Mol Imaging Biol. 2011 Apr;13(2):362-7.

41. Mittra ES, Goris ML, **Iagaru A,** Kardan A, Burton L, Berganos R, Chang E, Liu S, Shen B, Chin FT, Chen X, Gambhir SS. Pilot Pharmacokinetic and Dosimetric Studies of ^{18}F FPPRGD$_2$: A PET Radiopharmaceutical Agent for Imaging $\alpha_v\beta_3$ Integrin Levels. Radiology. 2011 Jul;260(1):182-91.

42. Murphy JD, Chisholm KM, Daly ME, Wiegner EA, Truong D, **Iagaru A**, Maxim PG, Loo BW Jr, Graves EE, Kaplan MJ, Kong C, Le QT. Correlation between metabolic tumor volume and pathologic tumor volume in squamous cell carcinoma of the oral cavity. Radiother Oncol. 2011 Dec;101(3):356-61.

43. Mosci C, **Iagaru A**. PET/CT Imaging of Thyroid Cancer. Clin Nucl Med. 2011 Dec;36(12):e180-5.

44. Sze DY, **Iagaru A**, Gambhir S, de Haan H, Reid T. Response to intraarterial oncolytic virotherapy with the Herpes virus NV-1020 evaluated by ^{18}F fluorodeoxyglucose positron emission tomography and computed tomography. Hum Gene Ther. 2012 Jan;23(1):91-7.

45. Lin FI, Rao J, Mittra ES, Nallapareddy K, Chengapa A, Dick DW, Gambhir SS, **Iagaru A**. Prospective Comparison of Combined ^{18}F FDG and ^{18}F NaF PET/CT vs. ^{18}F FDG PET/CT Imaging for Detection of Malignancy. Eur J Nucl Med Mol Imaging. 2012 Feb;39(2):262-70.

46. **Iagaru A,** Mittra ES, Dick DW, Gambhir SS. Prospective Evaluation of ^{99m}Tc MDP Scintigraphy, ^{18}F NaF PET/CT and ^{18}F FDG PET/CT for Detection of Skeletal Metastases. Mol Imaging Biol. 2012 Apr;14(2):252-9.

47. Guo H, Mosci C, **Iagaru A**. Demonstration of peripheral nerve root involvement by non-Hodgkin's lymphoma on ^{18}F FDG PET/CT. Eur J Nucl Med Mol Imaging. 2012 Apr;39(4):729-30.

48. Mosci C, **Iagaru A**. ^{18}F NaF PET/CT in the Assessment of Malignant Bone Disease. PET Clinics. 2012 Jul;7(3):263-74.

49. Tang C, Murphy JD, Khong B, La TH, Kong C, Fischbein NJ, Colevas AD, **Iagaru A**, Graves EE, Loo BW Jr, Le QT. Validation that Metabolic Tumor Volume Predicts Outcome in Head-and-Neck Cancer. Int J Radiat Oncol Biol Phys. 2012 Aug 1;83(5):1514-20.

50. Chu KP, Murphy JD, La TH, Krakow TE, **Iagaru A**, Graves EE, Hsu A, Maxim PG, Loo B, Chang DT, Le QT. Prognostic Value of Metabolic Tumor Volume and Velocity in Predicting Head-and-Neck Cancer Outcomes. Int J Radiat Oncol Biol Phys. 2012 Aug 1;83(5):1521-7.

51. Mosci C, McDougall IR, Jeffrey RB, **Iagaru A**. ^{18}F FDG PET/CT Demonstration of a Liver Metastasis in a Patient with Papillary Thyroid Cancer. Clin Nucl Med. 2012 Sep;37(9):e234-6.

52. Natarajan A, Gowrishankar G, Nielsen CH, Wang S, **Iagaru A**, Goris ML, Gambhir SS. Positron Emission Tomography of (64)Cu-DOTA-Rituximab in a Transgenic Mouse Model Expressing Human CD20 for Clinical Translation to Image NHL. Mol Imaging Biol. 2012 Oct;14(5):608-16.

53. Quon A, Dodd R, **Iagaru A**, de Abreu MR, Hennemann S, Neto JM, Sprinz C. Initial investigation of ^{18}F-NaF PET/CT for identification of vertebral sites amenable to surgical revision after spinal fusion surgery. Eur J Nucl Med Mol Imaging. Eur J Nucl Med Mol Imaging. 2012 Nov;39(11):1737-44.

Electronic publication ahead of print

1. **Iagaru A**, Gambhir SS, Goris ML. Tumor Metabolic Phenotypes on ^{18}F FDG PET. J Nucl Med. 2009 May 14.

2. **Iagaru A,** Mittra E, Goris ML, Gambhir SS. Combined ^{18}F-FDG and Fluoride Approach in PET/CT Imaging: Is There a Clinical Future? J Nucl Med. 2009 Dec 26.

3. **Iagaru A**, Mittra ES, Dick DW, Mosci C, Sathekge M, Prakash V, Iyer V, Lapa P, Isidoro J, de Lima JM, Gambhir SS. Combined ^{18}F FDG and ^{18}F NaF PET/CT Scan for Evaluation of Malignancy: Results of an International Multi-Center Trial. J Nucl Med. J Nucl Med. 2012 Dec 14.

4. Lam MG, Louie JD, **Iagaru A**, Goris ML, Sze DY. Safety of Repeated Yttrium-90 Radioembolization. Cardiovasc Intervent Radiol. 2013 Jan 26.

In Press

1. Kumar M, **Iagaru A**. ^{18}F FDG PET/CT Demonstration of Diffuse Lymphohistiocytic Granulomatous Vasculitis. Clin Nucl Med. 2012

2. **Iagaru A**, Young PM, Mittra ES, Dick DW, Herfkens R, Gambhir SS. Pilot Prospective Evaluation of ^{99m}Tc-MDP Scintigraphy, ^{18}F NaF PET/CT, ^{18}F FDG PET/CT and Whole-Body MRI for Detection of Skeletal Metastases. Clin Nucl Med.

3. **Iagaru A**, Gambhir SS. Imaging Tumor Angiogenesis: The Road to Clinical Utility. AJR.

Submitted

1. **Iagaru A**, Mosci C, Shen B, Chin FT, Mittra ES, Telli ML, Gambhir SS. ^{18}F FPPRGD$_2$ PET/CT of $\alpha_v\beta_3$ Integrins Expression in Patients with Breast Cancer. J Nucl Med.

2. Non-Peer Reviewed Journal Articles

1. Mittra E, **Iagaru A**. Novel techniques in breast imaging. US Radiology. 2008 1(1):47-5.

2. Lin FI, **Iagaru A**. Updates on PET/CT and Thyroid Cancer. Applied Radiology. 2010 39(12):8-12.

3. Book Chapters

1. **Iagaru A**. Nuclear Medicine. In: Uzelac A, Davis R, eds. *Blueprints Radiology*, 2nd Edition. Lippincott Williams & Wilkins, Nov 2005.

2. **Iagaru A,** McDougall IR. Thyroid Imaging: Nuclear Medicine Techniques. In: Wass J, Shalet S, eds. *Oxford Textbook of Endocrinology and Diabetes*, 2nd Edition. Oxford University Press

In Press

1. **Iagaru A,** McDougall IR. PET/CT in Thyroid Cancer. In: Wartofsky L, Van Nostrand D, eds. *Thyroid Cancer: a Comprehensive Guide to Clinical Management*, 2nd Edition. Humana Press.

2. Keu KV, **Iagaru A**. The Pre-Clinical and Clinical Use of PET/CT in the Evaluation of Melanoma. In: Thurin M, Marincola F, eds. *Molecular Diagnostics for Melanoma*. Humana Press.

4. Presentations

Invited Presentations

1. ^{18}F FDG PET/CT in the Management of Ovarian Carcinoma. PAVAHCS PET/CT Symposium, Palo Alto, CA. Mar 24, 2007.

2. ^{18}F FDG PET/CT Assessment of Patients with Thyroid Cancer. PAVAHCS PET/CT Symposium, Palo Alto, CA. Mar 24, 2007.

3. Radiation Therapy Planning for GI Cancers: When Can ^{18}F FDG PET/CT Evaluation Provide Useful Information? RSNA Annual Meeting, Chicago, IL. Nov 28, 2007.

4. Sarcomas: Classification, Diagnosis and Therapeutic Approaches, with an Emphasis on the Role of ^{18}F FDG PET/CT. Society of Nuclear Medicine, Northern California Chapter Annual Meeting, Pleasanton, CA. Feb 28, 2008.

5. ^{18}F Sodium Fluorine: An Unfinished Business. MIPS Seminar Series, Stanford, CA. Nov 17, 2008.

6. Old Tracers, New Ideas: Clinical Research in Nuclear Medicine. Nuclear Medicine Grand Rounds. Stanford, CA. Nov 18, 2008.

7. The Physiology of ^{18}F FDG and Principles of PET Scanning. 4th Stanford PET/CT Symposium, Las Vegas, NV. Feb 12, 2009.

8. Vascular Tracer Activity: Disease or Not? 4th Stanford PET/CT Symposium, Las Vegas, NV. Feb 13, 2009.

9. PET/CT as an Adjunctive Test for Infectious or Inflammatory Disease? 4th Stanford PET/CT Symposium, Las Vegas, NV. Feb 13, 2009.

10. Bexxar® and Zevalin® Radioimmunotherapy in Non-Hodgkin Lymphomas. Stanford Nuclear Medicine Stampede, Stanford, CA. Mar 21, 2009.

11. Novel Strategies for PET/CT Imaging in Oncology. Medical Oncology Grand Rounds. Stanford, CA. Nov 10, 2009.

12. Updates on PET/CT and Thyroid Cancer. 5th Stanford PET/CT Symposium, Las Vegas, NV. Feb 11, 2010.

13. ^{99m}Tc-MDP Scintigraphy vs. ^{18}F NaF PET/CT vs. ^{18}F FDG PET/CT for Detection of Skeletal Metastases. 5th Stanford PET/CT Symposium, Las Vegas, NV. Feb 12, 2010.

14. Whole Body MRI vs. PET: Is PET Still Best for Oncology? 5th Stanford PET/CT Symposium, Las Vegas, NV. Feb 13, 2010.

15. An Integrated Approach for the Early Detection of Cancer. 5th Stanford PET/CT Symposium, Las Vegas, NV. Feb 13, 2010.

16. Updates on PET/CT and Thyroid Cancer. Nuclear Medicine Grand Rounds. Stanford, CA. Apr 6, 2010.

17. Introduction to PET/CT. Hospital Mae de Deus Symposium, Porto Alegre, Brazil. Apr 26, 2010.

18. Lymphomas: What Can Nuclear Medicine Do for You? Medical Oncology Grand Rounds. Stanford, CA. Nov 16, 2010.

19. Imaging Angiogenesis: What Can Different Modalities Do? PET/CT in Angiogenesis Imaging. RSNA Annual Meeting, Chicago, IL. Dec 2, 2010.

20. ^{18}F FPPRGD$_2$: A Novel PET Radiopharmaceutical for Imaging Breast Cancer. Breast Disease Management Group Grand Rounds. Stanford, CA. Apr 1, 2011.

21. Bexxar® and Zevalin® Radioimmunotherapy in Non-Hodgkin Lymphomas: Clinical Results. SNM Annual Meeting, San Antonio, TX. Jun 4, 2011.

22. Practical Considerations and Clinical Applications of Radioimmunotherapy. Society of Nuclear Medicine, Northern California Chapter Annual Meeting, Pleasanton, CA. Feb 23, 2012.

23. Beyond FDG: Novel Clinical PET Radiopharmaceuticals. 17th Nuclear Medicine Annual Meeting, Coimbra, Portugal. Apr 25, 2012.

24. Novel PET Tracers and Their Future Use in Assessment of Response to Treatment. ASCO Annual Meeting, Chicago, IL. Jun 1-5, 2012 (Session Organizer and Co-Chair).

25. SPECT/CT in Thyroid and Parathyroid Diseases. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012 (Session Organizer and Moderator).

26. ^{18}F NaF PET/CT and ^{18}F FDG PET/CT: What is Their Role in the Management of Bone Malignancy? SNM Annual Meeting, Miami, FL. Jun 9-13, 2012 (Session Organizer and Moderator).

27. Thyroid Imaging and Therapy for the Lay Person. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012.

28. Molecular Imaging in the Assessment and Follow-Up of Breast Cancer. Society of Nuclear Medicine of Puerto Rico Annual Meeting, Rio Grande, PR. Oct 12-14, 2012.

29. ^{18}F NaF PET/CT and ^{18}F FDG PET/CT: What is Their Role in the Management of Bone Malignancy? Society of Nuclear Medicine of Puerto Rico Annual Meeting, Rio Grande, PR. Oct 12-14, 2012.

30. Society of Nuclear Medicine & Molecular Imaging and Chinese Society of Nuclear Medicine 2nd Sino-American Conference, New Orleans, LA. Jan 23-27, 2013 (Organizer and Co-Chair).

31. Radionuclide Therapy of Painful Bone Metastases: Past, Present, Future. Society of Nuclear Medicine, Northern California Chapter Annual Meeting, Pleasanton, CA. Feb 28, 2013.

32. Radionuclide Therapy of Painful Bone Metastases: Past, Present, Future. American Urological Association Annual Meeting, San Diego, CA. May 4-8, 2013.

33. PET/CT in Clinical Practice: Evidence-based Use and Appropriateness Criteria. ASCO Annual Meeting, Chicago, IL. May 31 - Jun 4, 2013 (Session Organizer and Co-Chair).

34. Molecular Imaging in Breast Cancer - Present and Future. SNM Annual Meeting, Vancouver, BC. Jun 8-12, 2013 (Session Organizer and Moderator).

35. ^{18}F NaF PET/CT in the Evaluation of Skeletal Malignancy (Primary and Metastatic Disease). SNM Annual Meeting, Vancouver, BC. Jun 8-12, 2013 (Session Organizer and Moderator).

Other Presentations

1. **Iagaru A**, Kundu R, Jadvar H, Nagle D. Does ^{18}F FDG PET Change the Staging or Surgical Management of Anal Carcinoma? ACNP Annual Meeting, San Diego, CA. Jan 16-19, 2005.

2. Sankhala KK, Chawla SP, **Iagaru A**, Dellamaggiora R, Chua V, Daly S, Bedrosian CL, Edwards GK, Cohen S, Demetri GD. Early Response Evaluation of Therapy with AP23573 (an mTOR inhibitor) in Sarcoma using ^{18}F FDG PET. ASCO Annual Meeting, Orlando, FL. May 13-17, 2005.

3. **Iagaru A**. PET/CT Challenges. Conjoint Southern Pacific Society of Nuclear Medicine and Los Angeles Radiological Society Spring Meeting, Los Angeles, CA. May 14, 2005.

4. **Iagaru A**, Chawla SP, Menendez LR, Conti PS. The Role of ^{18}F FDG PET and CT in Detection of Pulmonary Metastases from Musculoskeletal Sarcomas. SNM Annual Meeting, Toronto, Canada. Jun 18-22, 2005.

5. Quan V, **Iagaru A**, Conti PS. Sentinel Lymph Node Imaging and ^{18}F FDG PET in the Staging of Melanoma. SNM Annual Meeting, Toronto, Canada. Jun 18-22, 2005.

6. **Iagaru A**, Masamed R, Singer PA, Conti PS. Detection of Occult Medullary Thyroid Cancer with ^{18}F FDG PET and PET/CT. RSNA Annual Meeting, Chicago, IL. Nov 27 - Dec 2, 2005.

7. **Iagaru A**, Quon A, Goris ML, McDougall IR, Gambhir SS. Merkel Cell Carcinoma: Is There a Role for ^{18}F FDG PET/CT? AMI Annual Conference, Orlando, FL. Mar 25-29, 2006.

8. **Iagaru A**, Quon A, Ikeda D, Daniel B, Goris ML, McDougall IR, Gambhir SS. Comparison of Mammography, Breast MRI and ^{18}F FDG PET/CT for Breast Cancer Detection. AMI Annual Conference, Orlando, FL. Mar 25-29, 2006.

9. **Iagaru A**, Masamed R, Silberman H, Keesara S, Conti PS. The Role of ^{18}F FDG PET/CT and Breast MRI in the Management of Breast Cancer. ASCO Annual Meeting, Atlanta, GA. Jun 2-6, 2006.

10. **Iagaru A**, Quon A, Ikeda D, Daniel B, Goris ML, McDougall IR, Gambhir SS. ^{18}F FDG PET/CT, Breast MRI and Mammography: Can Breast Cancer Be Reliably Detected? SNM Annual Meeting, San Diego, CA. Jun 3-7, 2006.

11. **Iagaru A**, Masamed R, Sankhala KK, Chawla S, Menendez L, Fedenko A, Conti PS. Post-Ifosfamide Therapy Inflammation in Musculoskeletal and Soft-Tissue Sarcomas: Evaluation with ^{18}F FDG PET and PET/CT. SNM Annual Meeting, San Diego, CA. Jun 3-7, 2006.

12. **Iagaru A**, Masamed R, Quan V, Singer PA, Conti PS. Detection of Occult Papillary Thyroid Cancer with ^{18}F FDG PET/CT. SNM Annual Meeting, San Diego, CA. Jun 3-7, 2006.

13. Vasanawala MS, **Iagaru A**, Rosenberg J, Gamie S, Segall G. Renal Cell Carcinoma: Can ^{18}F FDG PET Be a Useful Tool? SNM Annual Meeting, San Diego, CA. Jun 3-7, 2006.

14. Kalinyak J, **Iagaru A**, McDougall IR. ^{18}F FDG PET/CT Detection of Thyroid Cancer. SNM Annual Meeting, San Diego, CA. Jun 3-7, 2006.

15. Sigg D, **Iagaru A**, Levin C, Quon A. Partial Volume Correction of PET/CT Derived SUV Values in Lung Nodules. SNM Annual Meeting, San Diego, CA. Jun 3-7, 2006.

16. Han S, **Iagaru A**, Zhu HJ, Goris ML. ^{90}Y-Ibritumomab (Zevalin) in the Management of Refractory Non-Hodgkin's Lymphoma. British Nuclear Medicine Society Autumn Meeting, Cambridge, UK. Sep 4-5, 2006.

17. **Iagaru A**, Quon A, Johnson D, Goris ML, McDougall IR, Gambhir SS. ^{18}F FDG PET/CT in the Management of Melanoma. RSNA Annual Meeting, Chicago, IL. Nov 26 - Dec 1, 2006.

18. **Iagaru A**, Quon A, Goris ML, Gambhir SS, McDougall IR. ^{18}F FDG PET/CT Evaluation of Osseous and Soft Tissue Sarcomas. RSNA Annual Meeting, Chicago, IL. Nov 26 - Dec 1, 2006.

19. **Iagaru A,** Quan V, Jadvar H, Conti PS. Sentinel Lymph Node Scintigraphy and ^{18}F FDG PET/CT in the Management of Breast Cancer. ACNP Annual Meeting, San Antonio, Tx. Feb 15-18, 2007.

20. **Iagaru A,** Wang Y, Mari C, Rodriguez CA, Quon A, Goris ML, Gambhir SS. ^{18}F FDG PET/CT Prediction of Response to Chemotherapy in Lymphoma: When is the Optimal Time for the First Re-Evaluation Scan? ACNP Annual Meeting, San Antonio, Tx. Feb 15-18, 2007.

21. Lewis S, **Iagaru A**, Quon A, Kamaya A. Artifacts and Pitfalls on ^{18}F FDG PET/CT. ARRS Annual Meeting, Orlando, FL. May 6-11, 2007.

22. **Iagaru A,** Mittra E, Kaplan MJ, Quon A, Gambhir SS. ^{18}F FDG PET/CT in Squamous Cell Carcinoma of the Head and Neck: What is the Definition of Whole-Body Scanning? SNM Annual Meeting, Washington, DC. Jun 2-6, 2007.

23. **Iagaru A,** Mittra E, Quon A, Gambhir SS, McDougall IR. ^{18}F FDG PET/CT Evaluation of Ovarian Cancer. SNM Annual Meeting, Washington, DC. Jun 2-6, 2007.

24. **Iagaru A**, Zhu H, Mari C, Knox SJ, Goris ML. ^{90}Y-Ibritumomab (Zevalin®) Therapy of Refractory/Relapsed Non-Hodgkin Lymphoma: Clinical Experience. SNM Annual Meeting, Washington, DC. Jun 2-6, 2007.

25. Mittra E, **Iagaru A**, Kaplan MJ, McDougall IR, Gambhir SS, Quon A. ^{18}F FDG PET/CT Evaluation of Patients with Squamous Cell Carcinoma of the Head and Neck. SNM Annual Meeting, Washington, DC. Jun 2-6, 2007.

26. Yaghoubi S, Jensen MC, Wang Y, Mittra ES, Budhiraja S, Satyamurthy N, Namavari M, Chin FT, Subbarayan M, **Iagaru A**, Paik D, Pang LJ, Czernin J, Gambhir SS. ^{18}F FHBG PET Imaging of T Cell Homing in Patients with Gliomas. AMI/SMI Joint Molecular Imaging Conference, Providence, RI. Sep 8-11, 2007.

27. **Iagaru A,** Zhu H, Mari C, Knox SJ, Ganjoo K, Goris ML. Comparison of Efficacy and Toxicity of Bexxar and Zevalin in the Management of Refractory Non-Hodgkin's Lymphoma. EANM Annual Congress, Copenhagen, Denmark. Oct 13-17, 2007.

28. **Iagaru A,** McDougall IR. ^{18}F FDG PET/CT in the Management of Papillary Thyroid Cancer, with an Emphasis on Thyroglobulin, TSH and Lesion SUVmax Values. EANM Annual Congress, Copenhagen, Denmark. Oct 13-17, 2007.

29. **Iagaru A,** Quon A, Jacobs C, Marina N, McDougall IR, Gambhir SS. Osseous and soft tissue sarcomas: when can ^{18}F FDG PET/CT evaluation provide useful information? EANM Annual Congress, Copenhagen, Denmark. Oct 13-17, 2007.

30. **Iagaru A,** Rodriguez CA, El-Maghraby T, Quon A, Gambhir SS, McDougall IR. ^{18}F FDG PET/CT Evaluation of Patients with Cervical Cancer. RSNA Annual Meeting, Chicago, IL. Nov 25-30, 2007.

31. **Iagaru A,** Mittra E, Le Q, Quon A, Gambhir SS. ^{18}F FDG PET/CT in Nasopharyngeal Carcinoma: What Do We Need to Scan? RSNA Annual Meeting, Chicago, IL. Nov 25-30, 2007.

32. Mittra E, **Iagaru A**, Le Q, Fischbein N, McDougall IR, Gambhir SS, Quon A. ^{18}F FDG PET/CT in the Management of Patients with Nasopharyngeal Carcinoma. RSNA Annual Meeting, Chicago, IL. Nov 25-30, 2007.

33. **Iagaru A**, Mittra E, Quon A, Daniel B, Ikeda D, Herfkens R, McDougall IR, Gambhir SS. ^{18}F FDG PET/CT Evaluation of Patients with Breast Cancer. RSNA Annual Meeting, Chicago, IL. Nov 25-30, 2007.

34. **Iagaru A,** Zhu H, Mari C, Knox SJ, Ganjoo K, Goris ML. ^{131}I-Tositumomab (Bexxar®) vs. ^{90}Y-Ibritumomab (Zevalin®) in Refractory/Relapsed Non-Hodgkin's Lymphoma. ACNP Annual Meeting, Newport Beach, CA. Feb 14-17, 2008.

35. **Iagaru A,** Mittra E, Quon A, Gambhir SS. ^{18}F FDG PET/CT in Head and Neck Cancers: What is the Definition of Whole-Body Scanning? ACNP Annual Meeting, Newport Beach, CA. Feb 14-17, 2008.

36. Mittra E, **Iagaru A**, Fisher G, Kuntz P, Quon A, Gambhir SS. Value of ^{18}F FDG PET/CT for the Restaging of Colorectal Cancer after Treatment with Erbitux. ACNP Annual Meeting, Newport Beach, CA. Feb 14-17, 2008.

37. **Iagaru A**. Sarcomas: Classification, Diagnosis, and Therapeutic Approaches with an Emphasis on the Role of ^{18}F FDG PET/CT. Northern California Chapter SNM Annual Meeting, Pleasanton, CA. Feb 28, 2008.

38. Sze DY, Gambhir SS, Chari R, Geller DA, **Iagaru A**, Mescheder A, Nemunaitis J, Reid TR, Tanabe K. Imaging Characteristics and Response after Intraarterial Administration of the Oncolytic Herpes Virus NV1020 to Treat Hepatic Colorectal Metastases. ASCO Annual Meeting, Chicago, IL. May 30 – Jun 3, 2008.

39. Chari R, Gambhir SS, Geevarghese S, Geller DA, **Iagaru A**, Meschder A, Nemunaitis J, Reid TR, Sze DY, Tanabe K. Efficacy of an Oncolytic Herpes Simplex Virus (NV1020) in Patients with Colorectal Cancer Metastatic to Liver. ASCO Annual Meeting, Chicago, IL. May 30 – Jun 3, 2008.

40. **Iagaru A**, Mittra ES, Gambhir SS, Goris ML. Can ^{111}In-Ibritumomab Imaging Predict the Outcome of ^{90}Y-Ibritumomab (Zevalin®) Therapy in Refractory Non-Hodgkin's Lymphoma (NHL)? SNM Annual Meeting, New Orleans, LA. Jun 14-18, 2008.

41. Mittra ES, Quon A, McDougall IR, Gambhir SS, **Iagaru A**. ^{18}F-FDG PET/CT in the Evaluation of Pediatric Sarcomas. SNM Annual Meeting, New Orleans, LA. Jun 14-18, 2008.

42. **Iagaru A,** Knox SJ, Goris ML. ^{131}I-Tositumomab (Bexxar®) Therapy of Refractory/Relapsed Non-Hodgkin Lymphoma: Clinical Experience. EANM Annual Congress, Munich, Germany. Oct 11-15, 2008.

43. **Iagaru A,** Mittra ES, Quon A, Jacobs C, Marina N, Gambhir SS. ^{18}F FDG PET/CT Evaluation of Osseous and Soft Tissue Sarcomas: Differences between Adult and Pediatric Patients. EANM Annual Congress, Munich, Germany. Oct 11-15, 2008.

44. McNutt L, Mittra ES, **Iagaru A**, Quon A. Does a Dedicated Head/Neck PET/CT Acquisition Provide Significant Benefit over Whole Body PET/CT for Evaluating Head and Neck Cancer? RSNA Annual Meeting, Chicago, IL. Nov 30-Dec 5, 2008.

45. **Iagaru A**, Mittra ES, Dick DW, Goris ML, Gambhir SS. A Novel Strategy for a Cocktail ^{18}F Fluoride and ^{18}F FDG PET/CT Scan for Evaluation of Malignancy. SNM Annual Meeting, Toronto, Canada. Jun 13-17, 2009.

46. **Iagaru A**, Gambhir SS. ^{18}F FDG PET/CT Evaluation of Response to Oncolytic Herpes Simplex Virus (NV 1020) Therapy in Patients with Colorectal Cancer Metastatic to the Liver. SNM Annual Meeting, Toronto, Canada. Jun 13-17, 2009.

47. **Iagaru A,** Knox SJ, Goris ML. ^{131}I-Tositumomab (Bexxar®) vs. ^{90}Y-Ibritumomab (Zevalin®) in Refractory/Relapsed Non-Hodgkin's Lymphoma: Clinical Experience. SNM Annual Meeting, Toronto, Canada. Jun 13-17, 2009.

48. Mittra ES, **Iagaru A**, Fisher G, Kunz P, Quon A, Gambhir SS. Value of ^{18}F FDG PET/CT for the Restaging of Colorectal Cancer after Treatment with Erbitux. SNM Annual Meeting, Toronto, Canada. Jun 13-17, 2009.

49. **Iagaru A**, Mittra ES, Dick, DW, Quon A, Gambhir SS. Prospective Evaluation of ^{99m}Tc-MDP Scintigraphy, ^{18}F NaF PET/CT and ^{18}F FDG PET/CT for Detection of Skeletal Metastases. EANM Annual Congress, Barcelona, Spain. Oct 10-14, 2009.

50. **Iagaru A**, Mittra ES, Dick DW, Goris ML, Gambhir SS. Cocktail ^{18}F Fluoride and ^{18}F FDG PET/CT Scan for Evaluation of Malignancy. EANM Annual Congress, Barcelona, Spain. Oct 10-14, 2009.

51. Sze DY, Louie JD, **Iagaru A**, Goris ML. Survival after ^{90}Y radioembolization is predicted by dose distribution scintigraphy. EANM Annual Congress, Barcelona, Spain. Oct 10-14, 2009.

52. Mittra ES, Quon A, Gambhir SS, **Iagaru A**. Efficacy of ^{18}F-FDG PET/CT for Breast Cancer. EANM Annual Congress, Barcelona, Spain. Oct 10-14, 2009.

53. **Iagaru A**, Mittra ES, Dick DW, Goris ML, Gambhir SS. Cocktail ^{18}F Fluoride and ^{18}F FDG PET/CT Scan for Evaluation of Malignancy. WRSNM Annual Meeting, Monterey, CA. Oct 29-Nov1, 2009.

54. **Iagaru A**, Young P, Mittra ES, Quon A, Dick DW, Gambhir SS, Herfkens R. Prospective Evaluation of ^{99m}Tc-MDP Scintigraphy, ^{18}F NaF PET/CT, ^{18}F FDG PET/CT and Whole-Body MRI for Detection of Skeletal Metastases. RSNA Annual Meeting, Chicago, IL. Nov 29-Dec 4, 2009.

55. Mittra ES, **Iagaru A**, Gambhir SS. Accuracy of Tumor Measurements by ^{18}F FDG PET. RSNA Annual Meeting, Chicago, IL. Nov 29-Dec 4, 2009.

56. Rao VA, **Iagaru A**, Graves EE, Biswal S. ^{18}F Fluoride Ion PET-CT Predicts Painful Metastatic Bone Lesions in the Thoracolumbar Spine. RSNA Annual Meeting, Chicago, IL. Nov 29-Dec 4, 2009.

57. **Iagaru A**, Mittra ES, Dick DW, Goris ML, Gambhir SS. Combined ^{18}F NaF and ^{18}F FDG PET/CT Scan for Evaluation of Malignancy: Beyond the Pilot Study. ACNM/SNM Mid-Winter Meeting, Albuquerque, NM. Jan 27-29, 2010.

58. Sze D, **Iagaru A**, Gambhir SS, Geevarghese SK, Geller DA, De Haan HA, Knoll AE, Nemunaitis JJ, Reid TR, Tanabe K. Combined morphologic and molecular imaging to evaluate response to intra-arterial administration of the oncolytic Herpes virus NV1020 for treatment of hepatic colorectal metastases. ASCO GI Annual Meeting, Orlando, FL. Jan 22-24, 2010.

59. Mittra ES, Goris ML, **Iagaru A**, Kardan A, Liu S, Shen B, Chin F, Chen C, Gambhir SS. First in Man Studies of ^{18}F FPPRGD2: A Novel PET Radiopharmaceutical for Imaging $\alpha_v\beta_3$ Integrin Levels. SNM Annual Meeting, Salt Lake City, UT. Jun 5-9, 2010.

60. **Iagaru A**, Mittra ES, Dick DW, Gambhir SS. Combined ^{18}F NaF and ^{18}F FDG PET/CT Scan for Evaluation of Malignancy: Beyond the Pilot Study. EANM Annual Congress, Vienna, Austria. Oct 9-13, 2010.

61. **Iagaru A**, Maeda LS, Lin FI, Hoppe RT, Rosenberg SA, Gambhir SS, Advani RH. Classical Hodgkin Lymphoma in First Complete Remission: Is There a Role for ^{18}F FDG PET/CT Surveillance? EANM Annual Congress, Vienna, Austria. Oct 9-13, 2010.

62. Mittra ES, **Iagaru A**, Goris ML, Chin F, Chen X, Gambhir SS. ^{18}F FPPRGD2 PET/CT Imaging of Integrin Expression in Healthy Volunteers. EANM Annual Congress, Vienna, Austria. Oct 9-13, 2010.

63. Mittra ES, **Iagaru A**, Gambhir SS. Tumor Measurements by ^{18}F FDG PET: How Accurate are They? EANM Annual Congress, Vienna, Austria. Oct 9-13, 2010.

64. Lin IF, Rao JE, Mittra ES, Gambhir SS, **Iagaru A**. Prospective Comparison of Combined ^{18}F FDG and ^{18}F NaF vs. Conventional ^{18}F FDG PET/CT Imaging for Detection of Malignancy. RSNA Annual Meeting, Chicago, IL. Nov 27-Dec 2, 2010.

65. Abdelmaksoud M, Sze DY, Louie J, **Iagaru A**, Goris ML. Scintigraphic Fusion Imaging to Predict Dosimetry, Response, and Survival after ^{90}Y Radioembolization. RSNA Annual Meeting, Chicago, IL. Nov 27-Dec 2, 2010.

66. **Iagaru A**, Maeda LS, Lin FI, Hoppe RT, Rosenberg SA, Gambhir SS, Advani RH. Classical Hodgkin Lymphoma in First Complete Remission: Is There a Role for ^{18}F FDG PET/CT Surveillance? ACNM/SNM Mid-Winter Meeting, Palm Springs, CA. Jan 20-23, 2011.

67. Nguyen JQ, Davis K, Mittra ES, Quon A, Gambhir SS, Marina N, **Iagaru A**. Comparison of Clinical Utility of ^{18}F FDG PET/CT and ^{99m}Tc MDP Bone Scintigraphy in Patients with Ewing's Sarcoma and Other Forms of Sarcomas. ACNM/SNM Mid-Winter Meeting, Palm Springs, CA. Jan 20-23, 2011.

68. **Iagaru A**, Mittra ES, Sathekge M, Prakash V, Iyer V, Dick D, Lapa P, Isidoro J, de Lima J, Gambhir SS. Combined ^{18}F NaF and ^{18}F FDG PET/CT: Initial Results of a Multi-Center Trial. SNM Annual Meeting, San Antonio, TX. Jun 4-8, 2011.

69. **Iagaru A**, Mosci C, Mittra ES, Shen B, Chin F, Chen X, Telli M, Gambhir SS. ^{18}F FPPRGD$_2$ in Breast Cancer Subjects: A Novel PET Radiopharmaceutical for Imaging $\alpha_v\beta_3$ Integrin Levels. SNM Annual Meeting, San Antonio, TX. Jun 4-8, 2011.

70. Quon A, Sprinz C, de Abreu MR, Neto JM, **Iagaru A**, Hennermann S. Integrated ^{18}F NaF PET/CT scanning for the evaluation of patients with chronic pain after spinal surgery. SNM Annual Meeting, San Antonio, TX. Jun 4-8, 2011.

71. Natarajan A, Gowrishankar G, Nielsen C, Wang S, **Iagaru A**, Goris ML, Gambhir SS. Prediction of human PET imaging dose to monitor NHL therapy using ^{64}Cu-DOTA-rituximab and a transgenic mouse model. SNM Annual Meeting, San Antonio, TX. Jun 4-8, 2011.

72. Mittra ES, Mosci C, **Iagaru A**, Fels L, Bacher-Stier C, Chin F, Gambhir SS. Studies of the ^{18}F L-glutamate derivative BAY 94-9392 in cancer patients: A novel radiopharmaceutical for PET imaging. SNM Annual Meeting, San Antonio, TX. Jun 4-8, 2011.

73. Nguyen JQ, Davis K, Mittra ES, Gambhir SS, Marina N, **Iagaru A**. Clinical Utility of ^{18}F FDG PET/CT and ^{99m}Tc MDP Bone Scintigraphy in Patients with Ewings Sarcoma and Other Sarcomas. RSNA Annual Meeting, Chicago, IL. Nov 26-Dec 1, 2011.

74. Takehana C, Twist C, Mittra E, Quon A, Gambhir SS, **Iagaru A**. Post-Transplant Lymphoproliferative Disorder: Is There a Role for ^{18}F FDG PET/CT? RSNA Annual Meeting, Chicago, IL. Nov 26-Dec 1, 2011.

75. Sampath SC, Sampath SC, Lutz AM, Willmann JK, Mittra ES, Gambhir SS, **Iagaru A**. The Value of Combined ^{18}F NaF and ^{18}F FDG PET/CT Versus CT Alone for Evaluation of Osseous Malignancy. RSNA Annual Meeting, Chicago, IL. Nov 26-Dec 1, 2011.

76. Kardan A, Mosci C, **Iagaru A**, Fels L, Bacher-Stier C, Chin F, Gambhir SS, Mittra ES. Kinetic Studies of the ^{18}F L-glutamate Derivative BAY 94-9392 in Patients with Nasopharyngeal, Colorectal, and Prostate Cancer. RSNA Annual Meeting, Chicago, IL. Nov 26-Dec 1, 2011.

77. Mosci C, Akatsu H, Basina M, Dosiou C, **Iagaru A**. The role of diagnostic ^{123}I whole body scan prior to ablation of thyroid remnant in patients with papillary thyroid cancer. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012.

78. Davidzon G, Wakelee H, Neal J, Mittra ES, Quon A, **Iagaru A**. Utility of ^{18}F FDG PET/CT in patients with advanced thymic neoplasms. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012.

79. Sampath SC, Sampath SC, Lutz A, Willmann JK, Mittra ES, Gambhir SS, **Iagaru A.** Evaluation of NaF PET/CT, FDG PET/CT, combined NaF/FDG PET/CT and CT alone for detection of bone metastases. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012.

80. Takehana C, Mittra ES, Quon A, Gambhir SS, **Iagaru A**. ^{18}F FDG PET/CT in the management of patients with post-transplant lymphoproliferative disorder. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012.

81. **Iagaru A,** Mosci C, Mittra ES, Shen B, Chin F, Fischbein N, Gambhir SS. ^{18}F FPPRGD$_2$ in GBM: Imaging $\alpha_v\beta_3$ integrin levels as a biomarker of disease recurrence. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012.

82. Kumar M, Mosci C, Keu KV, **Iagaru A**, Koglin N, Fels L, Bacher-Stier C, Chin F, Gambhir SS, Mittra ES. Evaluation of the ^{18}F L-glutamate derivative ^{18}F-FSPG (BAY 94-9392) in lymphoma and colon cancer patients. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012.

83. Kumar M, Mosci C, Keu KV, **Iagaru A**, Koglin N, Fels L, Bacher-Stier C, Chin F, Gambhir SS, Mittra ES. Evaluation of the ^{18}F-labeled L-glutamate derivative ^{18}F-FSPG (BAY 94-9392) in brain and head and neck cancer patients. SNM Annual Meeting, Miami, FL. Jun 9-13, 2012.

84. Keu KV, Mittra ES, Quon A, **Iagaru A**. Metabolic Imaging Patterns of Complete Local Response to Chemoradiation in Patients with Nasopharyngeal Carcinoma: A Review. EANM Annual Congress, Milan, Italy. Oct 27-31, 2012.

85. Keu KV, Nair VS, Mittra ES, Quon A, Gambhir SS, **Iagaru A**. The Impact of Partial Volume Correction in the Evaluation of Solitary Pulmonary Nodules by FDG PET/CT in a Population at Intermediate Risk of Lung Cancer. EANM Annual Congress, Milan, Italy. Oct 27-31, 2012.

86. Keu KV, Mittra ES, Quon A, Gambhir SS, **Iagaru A**. Feasibility of Limited Thoracic FDG PET/CT for the Evaluation of Solitary Pulmonary Nodules in Patients With Intermediate and High Risk of Lung Cancer. EANM Annual Congress, Milan, Italy. Oct 27-31, 2012.

87. **Iagaru A**, Mosci C, Mittra ES, Shin B, Chin F, Gambhir SS. $\alpha_v\beta_3$ Integrins as a Biomarker of Disease Recurrence in Glioblastoma Multiforme: Initial Clinical Results Using ^{18}F FPPRGD$_2$ PET/CT. EANM Annual Congress, Milan, Italy. Oct 27-31, 2012.

88. **Iagaru A**, Mosci C, Akatsu H, Basina M, Dosiou C, I. Ross McDougall. Post-Surgical ^{131}I Ablation in Patients with Papillary Thyroid Cancer: The Role of Diagnostic ^{123}I Whole Body Scan. EANM Annual Congress, Milan, Italy. Oct 27-31, 2012.

89. Davidzon G, Mosci C, Mittra ES, Shin B, Chin F, Gambhir SS, **Iagaru A**. Biodistribution and Kinetics of ^{18}F FPPRGD$_2$ PET/CT in the Evaluation of Suspected Recurrence in Glioblastoma Multiforme. ACNM/SNM Mid-Winter Meeting, New Orleans, LA. Jan 24-27, 2013.

F. Research

1. Active

Source:	Ivy Foundation
Title:	^{18}F FPPRGD$_2$ PET/CT, ^{18}F FDG PET/CT and MRI Evaluation of Response to Anti-Angiogenesis Therapy in Recurrent Glioblastoma Multiforme
Role:	Co-Investigator
Period Covered:	2010-2013
Goal:	To evaluate a new integrin receptor PET radiopharmaceutical for evaluation of response to anti-angiogenesis therapy in patients with recurrent GBM
Total funding:	$1,500,000.00

Source:	NIH
Title:	Monitoring Response to Targeted Therapy in Non-Small Cell Lung Cancer using ^{18}F FPPRGD$_2$ PET/CT and *In-Vitro* Diagnostics
Role:	Co-Investigator
Period Covered:	2010-2015
Goal:	To evaluate a new integrin receptor PET radiopharmaceutical for evaluation of response to anti-angiogenesis therapy in patients with NSCLC
Total funding:	$2,500,000.00

Source:	GE Healthcare
Title:	Comparison of Combined ^{18}F NaF/^{18}F FDG PET/CT and WBMRI for Skeletal Metastases Detection
Role:	Principal Investigator
Period Covered:	2012-2014
Goal:	To evaluate PET/CT and WBMRI in detection of skeletal metastases
Total funding:	$600,000.00

Source:	GE Healthcare
Title:	Comparison of the Performance of Discovery 600 vs. Discovery 690 PET/CT Scanners in Cancer Patients

Role: Principal Investigator
Period Covered: 2013-2015
Goal: To compare Discovery 600 vs 690 PET/CT scanners
Total funding: $300,000.00

Source: Stanford Cancer Institute
Title: ^{18}F FPPRGD$_2$ PET/CT in Patients with Sarcoma
Role: Principal Investigator
Period Covered: 2012-2013
Goal: To evaluate ^{18}F FPPRGD$_2$ PET/CT in angiosarcoma
Total funding: $15,000.00

Source: Department of Radiology, Stanford University
Title: PET Imaging of Lymphoma Patients Using Radiolabeled Rituximab
Role: Principal Investigator
Period Covered: 2012 - 2013
Goal: To test a novel radiopharmaceutical for PET imaging of lymphoma patients
Total funding: $61,000.00

Source: Bayer Healthcare
Title: Alpharadin in Castration-Resistant (Hormone Refractory) Prostate Cancer Patients with Bone Metastases
Role: Principal Investigator
Period Covered: 2012 - 2014
Goal: To test a novel radiopharmaceutical for therapy of bone metastases
Total funding: $90,835.00

2. **Completed**

Source: ART
Title: Adjunctive Efficacy Study of the SoftScan Optical Breast Imaging System
Role: Co-Investigator
Period Covered: 2006 – 2009
Goal: To investigate a novel optical scanner for detection of malignant breast lesions
Total funding: $275,000.00

Source: Genentech
Title: PET Imaging of Lymphoma Patients Using Radiolabeled Rituximab
Role: Co-Investigator
Period Covered: 2007 - 2009
Goal: To develop a novel radiopharmaceutical for PET imaging of lymphoma patients
Total funding: $838,173.00

Source: Stanford Cancer Institute
Title: ^{18}F FPPRGD$_2$ PET/CT in Patients with Breast Cancer
Role: Principal Investigator
Period Covered: 2010-2011
Goal: To evaluate ^{18}F FPPRGD$_2$ PET/CT in breast cancer
Total funding: $50,000.00