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Name: **Thomas A. Hope, MD**

Position: Professor in Residence, Step 1
Department of Radiology and Biomedical Imaging
School of Medicine

Address: Room M372, Box 0628
University of California, San Francisco
San Francisco, CA 94143
Voice: (415) 353-8937
email: thomas.hope@ucsf.edu

EDUCATION/TRAINING

1997 – 2001	Duke University, Durham, NC	B.A. in Economics, B.S. in Biology
2003 – 2007	Stanford University School of Medicine	M.D.
2007 – 2008	Kaiser San Francisco, San Francisco, CA	Intern, Internal Medicine
2008 – 2012	University of California, San Francisco, CA	Resident, Diagnostic Radiology
2012 – 2013	Stanford Medical Center, Stanford, CA	Clinical Fellow, Body MRI and Nuclear Medicine

LICENSES, CERTIFICATION:

2009	Medical Licensure, California, A107695
2012	American Board of Radiology, Certificate in Diagnostic Radiology, 61282
2012	Drug Enforcement Administration (DEA), registration number FH2871867
2013	Radiology Supervisor and Operator Certificate, RHL00171995
2013	American Board of Nuclear Medicine, 08651

PRINCIPLE POSITIONS HELD:

2022 – present	University of California, San Francisco	Professor in Residence, Radiology and Biomedical Imaging
2022 – present	University of California, San Francisco	Vice Chair of Clinical Operations and Strategy
2020 – 2022	University of California, San Francisco	Associate Chair for Business Strategy
2019 – present	University of California, San Francisco	Director for Molecular Therapy
2018 – 2022	University of California, San Francisco	Associate Professor in Residence, Radiology and Biomedical Imaging
2018 – present	San Francisco VA Medical Center	Chief of Nuclear Medicine
2016 – present	University of California, San Francisco	Co-director, Neuroendocrine Tumor Destination Program
2015 – 2019	University of California, San Francisco	Co-director PET/MRI
2012 – 2018	University of California, San Francisco	Assistant Professor in Residence, Radiology and Biomedical Imaging
2013 – present	San Francisco VA Medical Center	Staff Radiologist
2001 – 2003	Fletcher Spaght, Boston, MA	Research Analyst

HONORS/AWARDS:

2001	Summa Cum Laude, Duke University.
2001	Phi Beta Kappa, Duke University.
2006	Trainee Research Prize, RSNA.

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2007 W. S. Moore Award, Nominee, ISMRM.
2011 Magnum Cum Laude Merit Award, ISMRM.
2012 Roentgen Resident/Fellow Research Award, RSNA.
2012 Alexander Margulis Society, Excellence in Research Award, UCSF.
2014 Wylie J. Dodds Research Award, SAR.
2015 Best Oral Presentation, Second Place, Third Theranostics World Congress on Ga-68.
2015 Certificate of Merit, RSNA.
2016 Henkin Fellowship, SNMMI.
2016 Outstanding Teacher Award, ISMRM.
2016 Marc Tetalman Memorial Award, SNMMI.
2017 Paper of the Year, Abdominal Radiology.
2017 Best GU abstract presentation, Society of Abdominal Radiology.
2017 Outstanding Teacher Award, ISMRM.
2017 Young Investigator Award, Prostate Cancer Foundation.
2018 Theragnostics Investigator Grant, North American Neuroendocrine Tumor Society.
2018 Lecturer, International Education Conference, Society of Abdominal Radiology.
2018 UCSF Health's Exceptional Physician Award, Nominee.
2019 Alavi–Mandell Award, SNMMI/ERF (co-author/mentor).
2019 Technologist Best Therapy/Nuclear Oncology Oral Abstract, SNMMI annual meeting (last author/mentor).
2020 Hal O'Brien Rising Star Award Winner, SNMMI/ERF.
2022 National Association of State Prostate Cancer Coalitions Honoree.

KEYWORDS/AREAS OF INTEREST:

Novel PET agents, targeted radionuclide therapies, neuroendocrine tumors, prostate cancer, PET/MRI

PROFESSIONAL ACTIVITIES:

Memberships:
2008 – 2017 Society of Computed Body Tomography and Magnetic Resonance (SCBT-MR)
2018 – 2019 Association of University Radiologists (AUR)
2006 – present Radiologic Society of North America (RSNA)
2007 – present International Society of Magnetic Resonance in Imaging (ISMRM)
2012 – present Society of Abdominal Radiology (SAR)
2012 – present Society of Nuclear Medicine and Molecular Imaging (SNMMI)
2016 – present North American Neuroendocrine Tumor Society (NANETS)

Service to Professional Organizations:
2012 – 2018 Liver Imaging Reporting and Data System (LI-RADS), chair of the outreach and education committee, member of the steering committee and hepatobiliary agent subcommittee, American College of Radiology (ACR)
2013 – 2016 Scientific Program subcommittee, American Roentgen Ray Society (ARRS)
2015 – 2020 Board Member, PET Center of Excellence, Society of Nuclear Medicine and Molecular Imaging (SNMMI)
2015 – 2017 Intern, Correlative Imaging Council, Society of Nuclear Medicine and Molecular Imaging (SNMMI)
2015 – 2020 Chair, PET/MRI Task Force, Society of Nuclear Medicine and Molecular Imaging (SNMMI)
2016 – 2020 Founding President, PET/MRI Study Group, International Society of Magnetic Resonance in Medicine (ISMRM)
2016 – 2020 Guidelines Committee, North American Neuroendocrine Tumor Society (NANETS)
2016 – 2019 Member, Workshop & Study Group Review Committee, International Society of Magnetic Resonance in Medicine (ISMRM)
2017 Organizing chair, First ISMRM-SNMMI co-provided PET/MRI workshop
2018 Organizing committee, Coffey Holden Meeting, Prostate Cancer Foundation
2019 Committee Chair, Second ISMRM-SNMMI co-provided PET/MRI workshop
2019 Course Director, North American Neuroendocrine Tumor Society (NANETS) Regional NET Education Conference
2020 Panelist, Clinical Translational Imaging Science, NIH study section

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2020 Panelist, NEI Secondary Data Analysis, NIH study section
2018 – 2021 Neuroendocrine Tumor Task Force, NCI, New Investigator
2014 – 2023 Chair, Member, Research Committee, Society of Abdominal Radiology (SAR)
2016 – present Member, Prostate Cancer Disease Focused Panel, Rectal Cancer Disease Focused Panel, Society of Abdominal Radiology (SAR)
2017 – present President, Vice-President, Board Member, Correlative Imaging Council, Society of Nuclear Medicine and Molecular Imaging (SNMMI)
2017 – present Alliance in Oncology GI Oncology and Neuroendocrine Tumor panels, member
2018 – present Vice-President, Treasurer, Board Member, Therapy Center of Excellence, Society of Nuclear Medicine and Molecular Imaging (SNMMI)
2019 – 2020 Member, Quantitative Imaging in Radiation Therapy Working Group, National Cancer Institute (NCI).
2019 – 2020 Co-Chair, Neuroendocrine Tumor Clinical Trials Planning Meeting, National Cancer Institute (NCI)
2020 – present Member, Prostate Cancer Task Force, National Cancer Institute (NCI)
2020 – present Member, Cancer Imaging Steering Committee, National Cancer Institute (NCI)
2020 – 2022 Board Member, North American Neuroendocrine Tumor Society (NANETS)
2023 Panelist, Clinical Translational Imaging Science, NIH study section.

Service to the Institution:
2015 – 2017 Member, Regulatory and Prioritization Subcommittee, Department of Radiology, UCSF
2015 – 2020 Member, VA Cancer Committee, San Francisco VA Medical Center
2016 – 2020 Member, Clinical Competency Committee, Department of Radiology, UCSF
2013 – 2020 Member, MR Safety Committee, San Francisco VA Medical Center
2014 – present Member, Committee for New Imaging Research, Department of Radiology, UCSF
2015 – 2023 Member, Cancer Center Clinical Research Oversight Committee, UCSF
2018 – 2021 Member, VA Radiation Safety Committee, San Francisco VA Medical Center
2019 – 2023 Member, Clinical Cancer Committee, Helen Diller Family Comprehensive Cancer Center, UCSF
2019 – present Chair, Molecular Imaging and Radioligand Therapy Site Committee, UCSF
2020 – present Co-chair, Business Strategy Committee, Department of Radiology, UCSF
2020 – present Director of Molecular Therapy, Department of Radiology, UCSF
2020 – 2023 Member, Data and Safety Monitoring Committee, UCSF
2020 – present Member, CRC Steering Committee, UCSF
2020 – present Member, Blended Research/Clinical (China Basin) Steering Committee, UCSF
2020 – present Member, Cyclotron Oversight Committee, UCSF
2021 – present Chair, VA Radiation Safety Committee, San Francisco VA Medical Center

SERVICE TO PROFESSIONAL PUBLICATIONS

2009 Ad hoc referee, Journal of Heart Valve Disease Review.
2010 Ad hoc referee, Journal of the American College of Cardiology.
2008-2013 Ad hoc referee, Magnetic Resonance Imaging.
2013 Ad hoc referee, Hepatology.
2014 Ad hoc referee, Bone.
2015 Ad hoc referee, Investigative Radiology.
2013-2015 Abstract reviewer, ARRS Annual Meeting.
2016 Ad hoc referee, Clinical Lung Cancer.
2008-2016 Abstract reviewer, ISMRM Annual Meeting.
2015-2016 Ad hoc referee, Abdominal Imaging.
2017 Distinguished Reviewer, Journal of Magnetic Resonance in Imaging.
2017-2022 Ad hoc referee, Journal of Urology.
2009-2017 Ad hoc referee, Journal of Magnetic Resonance in Imaging.
2017-2018 Ad hoc referee, European Journal of Nuclear Medicine and Molecular Imaging.
2019 Ad hoc referee, Academic Radiology.
2019 Ad hoc referee, Radiology: Cardiothoracic Imaging
2015-2020 Ad hoc referee, American Journal of Roentgenology.
2020 Ad hoc referee, The Oncologist.
2016-2021 Editorial Board, Journal of Nuclear Medicine.
2021 Ad hoc referee, The Lancet.

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2014-2022 Ad hoc referee, European Urology.
2015-2022 Ad hoc referee, Journal of Clinical Oncology.
2016-2023 Ad hoc referee, Journal of Nuclear Medicine.
2022 Ad hoc referee, BJU International
2022-present Associate Editor, Journal of Nuclear Medicine.
2023 Ad hoc referee, Lancet Oncology

INVITED PRESENTATIONS

NATIONAL

1. Fourth Annual Symposium on Nephrogenic Systemic Fibrosis, 2010. Invited talk. "The UCSF experience"
2. Radiologic Society of North America, 2013. Invited talk. "Diffusion and the ADC"
3. CarciNET, 2014. Invited talk. "Ga68 / PRRT Bay Area Update"
4. Radiologic Society of North America, 2014. Invited talk. "Diffusion and the ADC"
5. SNMMI Mid-winter meeting, 2015. Invited talk. "MRI case review: MRI of the body"
6. SNMMI Mid-winter meeting, 2015. Invited talk. "MRI case review: MRI of the brain"
7. Society of Abdominal Radiology Annual Meeting, 2015. Invited talk. "PET/MR for the Body Imager: Applications and Future Prospects"
8. Society of Abdominal Radiology Annual Meeting, 2015. Invited talk. "Complementary Roles of PET and MRI in Local Staging of Rectal Cancer"
9. SNMMI Annual Meeting, 2015. Invited talk. "PET/MRI: Advances in MR Technique"
10. NorCal CarciNET, 2015. Invited talk. "Imaging of Neuroendocrine Tumors"
11. SNMMI Western Regional Meeting, 2015. Invited talk. "PET/MRI: Current Applications with an Eye on the Future"
12. SNMMI Western Regional Meeting, 2015. Invited talk. "Body CT and MRI cases"
13. MD Anderson, Division of Diagnostic Imaging Research Seminar Series, Grand Rounds, 2015. Invited talk. "PET/MRI: Current and Future Applications in Abdominal Malignancies"
14. Radiologic Society of North America, 2015. Invited talk. "Diffusion and the ADC"
15. Radiologic Society of North America, 2015. Invited talk. "LI-RADS 5 vs LI-RADS M"
16. Urology Grand Rounds, UCSF, 2015. Invited talk. "Imaging prostate cancer: where are we going?"
17. SNMMI Advances in Prostate Cancer Imaging, 2016. Invited talk. "PSMA imaging and Radioisotope Therapy"
18. SNMMI Advances in Nuclear Imaging and Therapy for Neuroendocrine Tumors, 2016. Invited talk. "Advances in nuclear imaging for NETs"
19. Bay Area NETs Conference, 2016. Invited talk. "Neuroendocrine Tumors: Approaches to Imaging"
20. SNMMI Mid-Winter Meeting, 2016. Invited talk. "PET/MRI: Applications in Abdominal Malignancies"
21. SNMMI Mid-Winter Meeting, 2016. Invited talk. "Ga-68 DOTA-XXX: imaging and interpretation"
22. SNMMI Mid-Winter Meeting, 2016. Invited talk. "MRI Case Review: MRI of the Body"
23. Northern California Chapter SNMMI Meeting, 2016. Invited talk. "Update on Ga-68 PET Ligands: Current and Future Availability"
24. Society of Abdominal Radiology Annual Meeting, 2016. Invited talk. "Review Experience in PET/MRI of Abdominopelvic Malignancies"
25. Society of Abdominal Radiology Annual Meeting, 2016. Invited talk. "How to Perform and Interpret Diffusion-weighted MRI in Pelvic Oncology"
26. Society of Abdominal Radiology Annual Meeting, 2016. Invited talk. "From OctreoScan to Gallium: The Impact of Targeted Imaging"
27. SNMMI Annual Meeting, 2016. Invited talk. "Conventional Imaging Practices for NETs"
28. SNMMI Annual Meeting, 2016. Invited talk. "PET/MRI in the Evaluation of Pre-Prostatectomy Patients"
29. Visiting Professor, Mayo Clinic, 2016. Invited talk. "Imaging of neuroendocrine tumors"
30. Visiting Professor, Mayo Clinic, 2016. Invited talk. "PSMA PET"
31. TMII (Translational and Molecular Imaging Institute) Lecture, Mt. Sinai, 2016. Invited talk. "Abdominopelvic PET/MRI"
32. SNMMI Western Regional Meeting, 2016. Invited talk. "New Developments in PET/MRI"
33. Radiologic Society of North America, 2016. Invited talk. "Hepatocellular Carcinoma in the Cirrhotic Liver and LI-RADS: Cases"
34. Radiologic Society of North America, 2016. Invited talk. "PET/MRI Clinical Applications: Body"
35. American Society of Clinical Oncology, GI cancers symposium, 2017. Invited talk. "^{68}Ga-DOTA-TATE PET Imaging of Neuroendocrine Tumors and Beyond"

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36. American Society of Clinical Oncology, GI cancers symposium, 2017. Panelist. “Neuroendocrine Tumors—Practical Applications of Emerging Treatment Options”
37. SNMMI Mid-Winter Meeting, 2017. Invited talk. “MRI Case Review: MRI of the Body”
38. Cancer Support Community San Francisco Bay Area, 2017. Invited talk. “Ga-PSMA at UCSF”
39. Sixth Annual Bay Area NET Patient Education Conference, 2017. Invited talk. “Peptide Receptor Radionuclide Therapy (PRRT)”
40. 39th Annual High Country Nuclear Medicine Conference, 2017. Invited talk. “68Ga-PSMA-11: Experience in the US”
41. University of Washington, Imaging Research Laboratory, 2017. Invited talk. “Imaging and Treatment of Neuroendocrine Tumors”
42. University of Washington, Prostate SPORE Seminar, 2017. Invited talk. “PSMA PET and its role in prostate cancer”
43. Society of Abdominal Radiology Annual Meeting, 2017. Invited talk. “Multiparametric MRI for the Evaluation of Prostate Cancer Recurrence”
44. American Pharmacists Association Annual Meeting, 2017. Invited talk. “PSMA PET in patients with prostate cancer”
45. Radiology Grand Rounds, Boston University, 2017. Invited talk. “Imaging and Treatment of Neuroendocrine Tumors”
46. Clinical Trials Network, Society of Nuclear Medicine and Molecular Imaging, 2017. Invited talk. “”Ga-PSMA for Prostate Cancer: US Status”
47. Pathways for Successful Translation of New Imaging Agents and Modalities: Phase III Studies, National Cancer Institute, 2017. Invited talk. “PSMA targeted PET probes for prostate cancer”
48. International Society of Magnetic Resonance in Imaging, 2017. Invited talk. “Current Clinical Applications, Novel Tracers, and Future Directions”
49. Society of Nuclear Medicine and Molecular Imaging, 2017. Invited talk. “Imaging of Neuroendocrine Tumors”
50. Forum for Advanced Imaging Research, UCSF Department of Radiology, 2017. Invited talk. “PET/MRI: A Successful Translation to the Clinic”
51. San Jose Prostate Cancer Support Group, 2017. Invited talk. “PSMA for the imaging and treatment of patients with prostate cancer”
52. Precision Imaging in Cancer and Therapy Symposium, UCSF, 2017. Invited talk. “Clinical translation of targeted imaging and therapies for neuroendocrine tumors”
53. Radiation Oncology Grand Rounds, UCSF, 2017. Invited talk. “PSMA for the imaging and treatment of patients with prostate cancer”
54. State of the Science Summit, OncLive, 2017. Invited talk. “Moving Cancer Imaging into the 21st Century”
55. Second Global Summit on Precision Diagnosis For Prostate Cancer Care (AdMeTech), 2017. Invited Talk. “Experience with PSMA PET at UCSF”
56. Osher Mini Medical School, 2017. Invited Talk. “PSMA for the imaging and treatment of patients with prostate cancer”
57. Osher Mini Medical School, 2017. Invited Talk. “Targeted imaging and therapy in neuroendocrine tumors”
58. North American Neuroendocrine Tumor Society, 2017. Invited Talk. “Consensus & Controversy: Lessons from the Appropriate Use Criteria Delphi Consensus Process”
59. North American Neuroendocrine Tumor Society, 2017. Invited Talk. “Personalizing Therapy for NETs with Functional Imaging - Where Do Things Stand in 2017”
60. ISMRM/SNMMI co-provided Workshop on PET/MRI, 2017. Invited Talk. “Introduction to Staging of Prostate Cancer”
61. ISMRM/SNMMI co-provided Workshop on PET/MRI, 2017. Invited Talk. “Closing Comments”
62. Radiologic Society of North America, 2017. Invited talk. “PET/MRI Clinical Applications: Body”
63. Radiologic Society of North America, 2017. Invited talk. “Somatostatin Receptor PET: Case review”
64. Radiologic Society of North America, 2017. Instructor. “Case Review: Introduction to LI-RADS (Hands-on)”
65. Radiology Grand Rounds, University of California, San Diego, 2017. Invited Talk. “Advances in imaging of prostate cancer with PSMA PET”
66. San Diego Radiological Society, 2017. Invited Talk. “Imaging and Treatment of Neuroendocrine Tumors”
67. 2018 Bay Area Neuroendocrine Patient Conference, 2018. Invited talk. “Imaging Basics”
68. SNMMI Mid-Winter Meeting, 2018. Invited talk. “The Role of IA PRRT in Neuroendocrine Tumors”
69. SNMMI Mid-Winter Meeting, 2018. Invited talk. “Development of the SSTR-PET Appropriate Use Criteria”
70. Society of Abdominal Radiology Annual Meeting, 2018. Invited talk. “Molecular Imaging Beyond FDG”
71. Society of Abdominal Radiology Annual Meeting, 2018. Invited talk. “Hypervascular Tumors: The Many Faces of Melanoma and Neuroendocrine Tumors”

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72. American Urological Society, 2018. Invited talk. “Prostate Cancer: What PET to Get?”
73. American Urological Society, 2018. Invited talk. “Imaging of Biochemical Recurrence”
74. American Brachytherapy Society, 2018. Invited talk. “Prostate Cancer: PET Based Imaging”
75. NANETS Regional NET Education, 2018. Invited talk. “Embolic and Minimally Invasive Treatments for Liver Metastases”
76. NANETS Regional NET Education, 2018. Invited talk. “Imaging Modalities for Diagnosis of Follow-up: Anatomic and Functional Imaging”
77. Society of Nuclear Medicine and Molecular Imaging, 2018. Invited talk. “PET/MRI Hybrid Imaging: The Technologist’s Latest Friend”
78. Society of Nuclear Medicine and Molecular Imaging, 2018. Invited talk. “SSTR-PET AUC”
79. PET/MRI Users Meeting, 2018. Invited talk. “Clinical results with the SIGNA PET/MR with QuantWorks”
80. PET/MRI Users Meeting, 2018. Invited talk. “Oncology: Body Imaging”
81. American Association of Physicists in Medicine, 2018. Invited talk. “Quantitative Inaccuracy in PET/MRI: Is It Real and When Does it Matter”
82. Radiation Oncology Grand Rounds, UCSF, 2018. Invited talk. “Advances in Imaging and Treatment of Prostate Cancer”
83. Imaging Grand Rounds, Cedars Sinai, 2018. Invited talk. “Advances in Nuclear Medicine: The Move to Theranostics”
84. El Camino Hospital, Grand Rounds, 2018. Invited Talk. “Targeted Imaging and Therapy in NETs”
85. Imaging Staff, Cedars Sinai, 2018. Invited talk. “Advances in Nuclear Medicine: The Move to Theranostics”
86. North American Neuroendocrine Tumor Society, 2018. Invited Talk. “Appropriate Use Criteria for Ga68-SSTR-PET”
87. Radiologic Society of North America, 2018. Invited talk. “PET/MRI Update 2018: Body”
88. Radiologic Society of North America, 2018. Invited talk. “Somatostatin Receptor PET & Therapy”
89. Radiology Grand Rounds, University of Maryland, 2018. Invited Talk. “PET/MRI: Moving Forward Successfully”
90. Marin Cancer Center, 2019. Invited Talk. “Targeted Imaging and Therapy in NETs”
91. Neuroendocrine Tumor Patient Conference, 2019. Invited Talk. “PRRT: Where are now and what’s on the horizon?”
92. Neuroendocrine Tumor Patient Conference, 2019. Invited Talk. “Imaging Basics: CT - MRI - SPECT – PET”
93. General Surgery Grand Rounds, UCSF, 2019. Invited Talk. “Putting Down the Scalpel: Updates in Rectal Cancer Management.”
94. Epic Care, 2019. Invited Talk. “Targeted Imaging and Therapy in NETs”
95. NCI Quantitative Imaging for Radiation Therapy, 2019. Invited Talk. “Lu-177 Based Priming of Immunogenic Response.”
96. UCSF Patient Conference on Prostate Cancer, 2019. Invited Talk. “Molecular Imaging in Prostate Cancer”
97. Society of Nuclear Medicine and Molecular Imaging, 2019. Invited talk. “Imaging Prostate Cancer with PSMA PET.”
98. Society of Nuclear Medicine and Molecular Imaging Webex, 2019. Invited talk. “NANETS-SNMMI Procedure Guidelines.”
99. Memorial Sloan Kettering Cancer Center, Molecular Imaging and Therapy Seminar, 2019. Invited talk. “Struggling to Understand How to Optimize Personalized Therapy in The Era of Theranostics.”
100. North American Neuroendocrine Tumor Society, 2019. Invited Talk. “North American Neuroendocrine Tumor Society, 2018. Invited Talk. "Appropriate Use Criteria for Ga68-SSTR-PET.”
101. Fourth Global Summit on Precision Diagnosis For Prostate Cancer Care (AdMeTech), 2019. Invited Talk. "PSMA-11 PET: Atypical Paths to FDA Approval and Academic NDAs.”
102. ISMRM/SNMMI co-provided Workshop on PET/MRI, 2019. Invited Talk. “Imaging of Prostate Cancer”
103. North American Neuroendocrine Tumor Society (NANETS) Regional NET Education Conference, 2019. Invited Talk. “Imaging in NETs”
104. North American Neuroendocrine Tumor Society (NANETS) Regional NET Education Conference, 2019. Invited Talk. “Introduction and Review of NETs”
105. North American Neuroendocrine Tumor Society (NANETS) Regional NET Education Conference, 2019. Invited Talk. “NET Tumor Board Cases”
106. SNMMI/NCI Third Targeted Radionuclide Therapy Conference, 2019. Invited Talk. “Toxicity in TRT”
107. SNMMI Mid-Winter Meeting, 2020. Invited Talk. “PSMA PET/CT and PET/MRI for prostate cancer”
108. Society of Abdominal Radiology Annual Meeting, 2020. Invited talk. “Prostate PET/MRI: Which Agent to Use When”
109. Society of Abdominal Radiology Annual Meeting, 2020. Invited talk. “Advances in Imaging of Prostate Cancer”

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110. 2020 Reynolds Talk (University of Texas, South Western Grand rounds), 2020. Invited talk. “Imaging and Treating Patients with PSMA Targeted Agents”
111. SNMMI Annual Meeting, Patient Education Day, 2020. Invited talk. “Radiation Safety with Targeted Radionuclide Therapy”
112. SNMMI Annual Meeting, Patient Education Day, 2020. Invited talk. “The Basics: How Theranostics Works?”
113. Master of Translational Medicine Program, UC Berkeley, 2020. Invited talk. “PET imaging in cancer with a focus on prostate”
114. Developing and Strengthening Your Academic Radiology Research Career, UCSF, 2020. Department talk. “Clinical Trial Workflow Through Two Examples”
115. Chicagoland Radiology Expo, 2020. Invited talk. “Body Imaging: Molecular Imaging in the Abdomen and Pelvis”
116. Radiologic Society of North America, 2020. Invited talk. “Molecular Imaging of Prostate Cancer for Biochemical Recurrence and Metastatic Disease”
117. Society of Nuclear Medicine and Molecular Imaging Webex, 2021. Invited talk. “Introduction to the PSMA NDA”
118. Northwestern Radiology Grand Rounds, 2021. Invited talk. “Imaging and Treating Patients Targeting PSMA”
119. NCI NET CTPM, 2021. Invited talk. “Measurements for Dosimetry”
120. Coalition to Improve Access to Diagnostic Imaging, 2021. Invited Talk “Impact of PET Imaging”
121. 43rd Annual High Country Nuclear Medicine Conference, 2021. Invited talk. “Status of PSMA Imaging in the US”
122. Dana-Farber Genitourinary Oncology Seminar Series, 2021. Invited talk. “PSMA PET and Radioligand Therapy”
123. Winship Cancer Institute Grand Rounds (Emory), 2021. Invited talk. “PSMA and Moving Forward with Imaging and Therapy”
124. UC Irvine Radiology Grand Rounds, 2021. Invited Talk. “Advances in Imaging and Therapy of Prostate Cancer”
125. UC Irvine Radiology Resident Conference, 2021. Invited Talk. “Nuclear Medicine Cases”
126. Society of Nuclear Medicine and Molecular Imaging Annual Meeting, 2021. Invited talk. “Appropriate Use Guidelines for PRRT.”
127. Society of Nuclear Medicine and Molecular Imaging Annual Meeting, 2021. Invited talk. “Tumor Board Cases.”
128. Michigan Urologic Surgery Improvement Collaborative (MUSIC) Urology, 2021. Invited talk. “Current Status of PSMA PET in the US.”
129. American Urologic Association Summer School, 2021. Invited talk. “PSMA PET and Prostate Cancer”
130. Los Angeles Carcinoid Neuroendocrine Tumor Society (LACNETS) Annual Meeting, 2021. Invited talk. “Radiation Safety with PRRT.”
131. Yale Center For GI Cancers Weekly Seminar, 2021. Invited talk. “NETs and PRRT: Overview and Workflow.”
132. American Urologic Association International Prostate Forum, 2021. Invited talk. “PSMA is here…”
133. The Academy Coalition for Imaging and Bioengineering Research, 2021. Invited talk. “Introduction to Theranostics”
134. Society of Urologic Oncology, 2021. Invited talk. “Integrating Imaging into Prostate Cancer Care”
135. Radiological Society of North America, 2021. Invited talk. “Molecular Imaging in Prostate Cancer (PSMA PET)”
136. SNMMI Mid-Winter Meeting, 2022. Invited talk. “Initial Experience with FAP-2286 Imaging”
137. SNMMI Mid-Winter Meeting, 2022, Invited talk. “Improving on Current Practice: PRRT Moving Forward”
138. Grand Rounds in Urology, International Prostate Cancer Update, 2022. Invited talk. “Appropriate Use of PSMA PET in Clinical Practice”
139. Great Debates and Updates in Genitourinary Malignancy, 2022. Invited talk. “Advances in Prostate-Specific Membrane Antigen (PSMA) Imaging: Focus on Biochemical Recurrence”
140. SNMMI Therapeutics Conference, 2022. Invited talk. “Next Generation PET Imaging in Prostate Cancer”
141. SNMMI Therapeutics Conference, 2022. Invited talk. “Research Cooperative Groups”
142. American Urologic Association Annual Meeting, 2022. Invited talk. “PSMA PET: how we use it”
143. ASCO (American Society of Clinical Oncology) Annual Meeting, 2022, Invited talk. “Molecular Based Imaging: Redefining the Disease Landscape”

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144. Nebraska Oncology Society, Annual Midwest Regional ASCO Review 2022, Invited talk. “Molecular Based Imaging: Redefining the Disease Landscape”
145. Los Angeles Carcinoid Neuroendocrine Tumor Society (LACNETS) Annual Meeting, 2022. Invited talk. “The Latest in NET imaging and PRRT”
146. National Association of State Prostate Cancer Coalitions (NASPCC) Annual Meeting 2022. Invited talk. “PSMA-Lutetium and Theranostics”
147. National Association of State Prostate Cancer Coalitions (NASPCC) Annual Meeting 2022. Invited talk. “PSMA PET and Functional Imaging”
148. Emory University Radiology 2022, Invited talk. “Molecular Based Imaging Redefining the Disease Landscape”
149. Emory University Radiology Grand Rounds 2022, Invited talk. “Struggling with the Theranostic Wave”
150. Mt. Sinai Case Conference 2022, Invited talk. “Interesting Case Conference”
151. Mt. Sinai Radiology Grand Rounds 2022, Invited talk. “Struggling with the Theranostic Wave”
152. NCI Patient Advocate Steering Committee 2023, Invited talk. “Imaging in Clinical Trials”
153. High Country Nuclear Medicine Conference 2023, Invited talk. “PSMA Radioligand Therapy”
154. Society of Nuclear Medicine and Molecular Imaging 2023, Invited talk. “Current State of Clinic Trials with Targeted Alpha Therapies.”
155. Society of Nuclear Medicine and Molecular Imaging 2023, Invited talk. “PSMA PET Cases”
156. Society of Nuclear Medicine and Molecular Imaging 2023, Invited talk. “PSMA RLT Cases”
157. Dana Farber Joint Program in Nuclear Medicine 2023, Invited Talk. “Case Conference
158. Dana Farber Second Annual Kircher Lecture 2023, Invited talk. “Seeing what you’re treating: is that precision medicine?”
159. Princess Margaret Cancer Center High Definition Therapeutics Symposium, Invited talk. “Seeing what you’re treating: is that precision medicine?”

INTERNATIONAL

1. 4D flow symposium, Oxford, England, 2013. Invited talk. “Flow profile analysis”
2. American Roentgen Ray Society, Toronto, Canada, 2015. Invited talk. “Hepatobiliary Agents”
3. Radiology Asia, Singapore, 2015. Invited talk. “MRI of Hepatocellular Carcinoma: Technique and LI-RADS”
4. Radiology Asia, Singapore, 2015. Invited talk. “PET/MRI for Evaluation of Abdominal Malignancies”
5. PET/MRI Users Meeting, Uppsala, Sweden, 2015. Invited talk. “Grand Rounds – Oncology”
6. PET/MRI Users Meeting, Uppsala, Sweden, 2015. Invited talk. “Pediatric Applications”
7. International Conference on Radiation Medicine, Saudi Arabia, 2016. Invited Talk “PET/MRI role in pelvic malignancies and prostate cancer”
8. International Conference on Radiation Medicine, Saudi Arabia, 2016. Invited Talk “PET/MRI in neuroendocrine tumors”
9. International Conference on Radiation Medicine, Saudi Arabia, 2016. Invited Talk “Current status of clinical PET/MRI: where do we stand?”
10. International Society of Magnetic Resonance in Imaging, Singapore, 2016. Invited Talk “Oncological PET/MRI: Where Will it Replace PET/CT?”
11. New Perspectives in Molecular Imaging, ITEL. Italy, 2016. Invited Talk “68Ga-DOTA-TOC imaging for staging of NETs”
12. International Symposium of PET/MR, Taiwan Oncology Society. Taiwan, 2017. Invited Talk “PET/MR of Prostate Cancer”
13. International Symposium of PET/MR, Taiwan Oncology Society. Taiwan, 2017. Invited Talk “PET/MR: Technical Developments”
14. First Mediterranean PET/MR Conference. Tel Aviv, 2018. Invited Talk “Non FDG PET/MR in Clinical Oncology and Beyond”
15. European Society of Urogenital Radiology. Barcelona, 2018. Invited Talk “SAR Honorary Lecture - Advances in molecular imaging for urogenital cancers”
16. Faculty of Radiologists Annual Scientific Meeting, Dublin Ireland, 2018. Invited Talk “PET/MRI in pelvic malignancies”
17. Faculty of Radiologists Annual Scientific Meeting, Dublin Ireland, 2018. Invited Talk “Imaging of Prostate Cancer Using PSMA PET”
18. Faculty of Radiologists Annual Scientific Meeting, Dublin Ireland, 2018. Invited Talk “Gadoxetate technique”
19. Faculty of Radiologists Annual Scientific Meeting, Dublin Ireland, 2018. Invited Talk “LI-RADS Tips”
20. Faculty of Radiologists Annual Scientific Meeting, Dublin Ireland, 2018. Invited Talk “Imaging of neuroendocrine tumors”

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21. Faculty of Radiologists Annual Scientific Meeting, Dublin Ireland, 2018. Invited Talk “Peptide Receptor Radionuclide Therapy”
22. Faculty of Radiologists Annual Scientific Meeting, Dublin Ireland, 2018. Invited Talk “Rectal Cancer Imaging”
23. Japanese Society of Nuclear Medicine, Matsuyama Japan, 2019. Invited Talk “Invited Talk "Diagnostic Ability of 68-Ga PSMA PET for Prostate Cancer""
24. Japanese Society of Nuclear Medicine, Matsuyama Japan, 2019. Keynote Talk “Theranostics: an update version 2019”
25. ProsTIC Peter MacCallum, Melbourne Australia, 2022. Invited Talk “Global clinical trial landscape”
26. ProsTIC Peter MacCallum, Melbourne Australia, 2022. Invited Talk “Best practice PSMA PET/CT: accepted use criteria, standardized reporting”
27. ProsTIC Peter MacCallum, Melbourne Australia, 2022. Invited Talk “Spoilt for choice with Ga-68 PSMA-11, F-18 DCFPyL & F-18 PSMA-1007: is there a difference?”
28. SNMMI Annual Meeting, Vancouver Canada, 2022. Invited talk. “Debate (Con): Dosimetry should be used in clinical radiopharmaceutical therapies.”
29. Japanese Pancreas Society, 2022. Invited talk. “The role of PRRT in pancreatic NETs” (*virtual*)
30. Tanzanian Surgical Society's First Colorectal Cancer Symposium, 2022. Invited talk. “Imaging Rectal Cancer” (*virtual*)
31. International Diagnostic Course Davos, 2023. Invited talk. “Advances in Molecular Imaging and Therapy and Its Impact in Oncologic Imaging”
32. International Diagnostic Course Davos, 2023. Invited talk. “The Future of Molecular Imaging: Impact on Cancer Diagnosis and Therapy”

CME TALKS

1. UCSF Radiology Review: Clinical Highlights, 2013. “MR Enterography”
2. UCSF Radiology Review: Annual Review, 2014. “Focal Liver Lesions”
3. UCSF Radiology Review: Clinical Highlights, 2014. “MR Enterography”
4. UCSF Radiology Review: Annual Review, 2015. “Focal Liver Lesions”
5. UCSF Radiology Review: Annual Review, 2016. “Nuclear Medicine: Whole Body Oncology”
6. UCSF Radiology Review: Annual Review, 2016. “Nuclear Medicine: Gastrointestinal”
7. UCSF Radiology Review: Annual Review, 2016. “Imaging the liver”
8. UCSF Radiation Oncology Annual Course, 2017. “PET imaging in prostate cancer”
9. UCSF Prostate Cancer Imaging Workshop, 2017. “Imaging Biochemical Recurrence”
10. UCSF Radiology Review: Annual Review, 2017. “Nuclear Medicine: Whole Body Oncology”
11. UCSF Radiology Review: Annual Review, 2017. “Nuclear Medicine: Gastrointestinal”
12. UCSF Radiology Review: Annual Review, 2017. “Imaging the liver”
13. UCSF Prostate Cancer Imaging Workshop, 2018. “Imaging Biochemical Recurrence”
14. UCSF Radiology Review: Annual Review, 2018. “Imaging the liver”
15. UCSF Prostate Cancer Imaging Workshop, 2018. “Imaging Biochemical Recurrence”
16. Imaging Update in Wine Country, 2018. “Imaging of Neuro-endocrine Tumors”
17. Imaging Update in Wine Country, 2018. “Imaging Advances in Prostate Cancer”
18. Imaging Update in Wine Country, 2018. “LI-RADS Update”
19. Imaging Update in Wine Country, 2018. “Tips in Liver Imaging”
20. Imaging Update in Wine Country, 2018. “Rectal Cancer Imaging”
21. Imaging Update in Wine Country, 2018. “Rapid Body/Nucs Cases with Audience Response”
22. Body Imaging in Kona, 2019. “Imaging of Biochemically Recurrent Prostate Cancer”
23. Body Imaging in Kona, 2019. “Hepatobiliary Agents and Their Role in Liver Imaging”
24. Body Imaging in Kona, 2019. “LI-RADS Cases”
25. Body Imaging in Kona, 2019. “Imaging of Rectal Cancer”
26. Body Imaging in Kona, 2019. “Imaging of Neuroendocrine Tumors”
27. UCSF Radiology Review: Annual Review, 2019: “Imaging the Liver”
28. Diabetes Update and Advances in Endocrinology and Metabolism, 2019. “Nuclear imaging in endocrine diseases”
29. Abdominal & Pelvic Imaging in Palm Springs, 2020. “Imaging Response to Immunotherapy”
30. Abdominal & Pelvic Imaging in Palm Springs, 2020. “Imaging of Recurrent Prostate Cancer”
31. Abdominal & Pelvic Imaging in Palm Springs, 2020. “Imaging of Neuroendocrine Tumors”
32. Abdominal & Pelvic Imaging in Palm Springs, 2020. “MRI for Rectal Cancer”
33. UCSF Radiology Review: Annual Review, 2021. “Imaging the liver”

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OTHER TALKS

1. UroToday, 2020. “PSMA PET in Prostate Cancer”
2. UroToday, 2020. “Radiation Safety with Targeted Radionuclide Therapy”
3. HDFCCC PI Talk, 2021. “An Academic NDA: Our Path with PSMA PET”
4. Prostate Cancer Research Institute, 2021. Invited talk. “Prostate Cancer and PSMA PET”
5. SSO Virtual Tumor Board, 2021. Expert panelist. “PRRT in Advanced Neuroendocrine Tumors”
6. ACNM Nuclear Medicine Resident Organization Virtual Journal Club, 2021. Faculty mentor. “PSMA PET”
7. Carcinoid Cancer Foundation, 2022. “Luncheon with the Experts”
8. National Alliance of State Prostate Cancer Coalitions Webinar Series, 2022. “Overview of Prostate Cancer Imaging”
9. Alliance Spring Meeting, 2022. “Clinical Research Professionals for A021901 (neuroendocrine)”
10. UCSF Prostate Cancer Program 2022 Scientific Retreat, 2022. “PSMA PET and Radioligand Therapy”

TEACHING

I enjoy both informal clinical teaching and delivering formal clinical and research-oriented lectures. For resident education, I have given lectures during the resident conferences as well as have given dedicated case based reviews of nuclear medicine to residents for board preparation. I have given lectures in the UCSF Resident Review course as well as the Clinical Highlights course. I have also developed a hands-on MRI training course for incoming Abdominal Imaging fellows in conjunction with Michael Ohliger, that has been given in 2014-2017. I have given numerous talks on imaging of hepatocellular carcinoma, neuroendocrine tumors, prostate cancer and PET/MRI.

UCSF RESIDENT LECTURES

Diffuse Liver Disease, January 2014.
Lymphoma Overview, March 2014.
Nuclear Medicine: Gastrointestinal, April 2014.
LI-RADS, June 2014.
Neuroendocrine Tumors, July 2014.
Thyroid Cancer, November 2014.
Radium-223, February 2015.
Imaging Prostate Cancer: where are we going? December 2015.
Rectal Cancer: review of imaging approaches, October 2015.
Nuclear Medicine Cases, June 2016.
LI-RADS, August 2016.
Peptide Receptor Radionuclide Therapy, January 2017.
Hepatocellular Carcinomas: LI-RADS, July 2017.
Imaging of Neuroendocrine Tumors, October 2017.
Rectal Cancer: review of imaging approaches, July 2018.
LI-RADS cases, October 2018.
Review of Radioligand Therapy, December 2018.
Nuclear Medicine: Gastrointestinal, April 2019.
Diffusion and the ADC, September 2019.
T1 and K-space, October 2019.
Imaging of Immunotherapy, October 2019.
68Ga-PSMA-11 PET in prostate cancer, November 2019.
Nuclear Medicine Cases, January 2020.
Radium-223, May 2020.
PET/MRI technical development, May 2020.
Nuclear Medicine Cases, June 2020.
Spin Echo Sequences, August 2020.
Imaging and Therapy of Neuroendocrine Tumors, September 2020.
Nuclear Medicine: Gastrointestinal, May 2021.
Thyroid Cancer, September 2021.
Radium-223 in Prostate Cancer, September 2021.
Nuclear Medicine: Gastrointestinal, April 2022.
PSMA PET and PSMA Radioligand Therapy, August 2022.
Nuclear Medicine: Gastrointestinal, May 2023.

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Thetanostics, September 2023.

TEACHING LECTURES (NON-RESIDENT)
Imaging in Oncology, Oncology fellows, UCSF, February 6th, 2015
Liver MRI, Surgical residents, UCSF, August 2nd, 2015
Imaging of HCC, Transplant hepatology fellows, UCSF, June 19th, 2015
MRI contrast agents, Neuroradiology fellows, UCSF, August 3rd 2015
Imaging in Oncology, Oncology fellows, UCSF, November 16th, 2015
PET and MRI in Prostate Cancer, UCSF FAIR (Forum for Advanced Imaging Research), April 20th, 2016
Imaging of Liver Tumors, Transplant hepatology fellows, UCSF, April 22nd 2016
Ga68-PSMA: experience at UCSF, Prostate Cancer Foundation Imaging Group, June 20th, 2016
Targeted imaging in oligometastatic disease, Urology Research in Progress, UCSF, June 22nd, 2016
MRI contrast agents, Neuroradiology fellows, UCSF, July 25th 2016
Somatostatin receptor PRRT, Nuclear medicine technologists, UCSF, September 8th, 2016
PSMA at UCSF, Urology Team, UCSF, September 9th, 2016
Liver MRI, Surgical residents, UCSF, October 5th, 2016
Imaging of Non-HCC Tumors, Transplant hepatology fellows, UCSF, June 2nd 2017
Imaging in Oncology, Oncology fellows, UCSF, October 2nd, 2017
NET Targeting Imaging and Therapy, Mission Bay Hospital Nursing, UCSF, October 2nd, 2017
Somatostatin Receptor PET, UCSD Radiology Residents, December 5th, 2017
Surgical Anatomy, UCSF Medical Student Radiology lecture series, July 25th, 2018
Surgical Anatomy, UCSF Medical Student Radiology lecture series, September 12th, 2018
Imaging in Oncology, Oncology fellows, UCSF, August 12th, 2019
Introduction to Theranostics, UCSF FAIR (Forum for Advanced Imaging Research), August 12th, 2020
Imaging in Oncology, Oncology fellows, UCSF, August 17th, 2020
Imaging of Rectal Cancer, Surgical Residents, UCSF, October 26th, 2020
Imaging of Rectal Cancer, Surgical Residents, UCSF, December 28th, 2020
PSMA PET and Radioligand Therapy, Radiation Oncology Residents, UCSF, March 29th, 2021
Imaging of Rectal Cancer, Surgical Residents, UCSF, June 24th, 2021
Imaging in Oncology, Oncology fellows, UCSF, August 16th, 2021
PSMA PET and Radioligand Therapy, Radiation Oncology Residents, UCSF, April 4th, 2022
Imaging of Rectal Cancer, Surgical Residents, UCSF, March 16th, 2022
Imaging of Rectal Cancer, Surgical Residents, UCSF, April 20th, 2022
PET/MRI, Abdominal Imaging Fellows, UCSF, August 12th, 2022
Imaging in Oncology, Oncology fellows, UCSF, November 14th, 2022
Discussion of Current State, Nuclear Medicine Fellows, UCSF, September 15th, 2023

LIST OF UCSF RESIDENTS AND FELLOWS I HAVE SUPERVISED/MENTORED
Sarasa Kim (Resident)
Andrew Taliaferro (Resident)
Kirti Magrudi (AI Fellow)
David Lin (Nuclear medicine fellow)
Roxanna Juarez (Nuclear medicine fellow)
Uzoezi Ozomaro (Nuclear medicine fellow)
Yan Li (Resident)
Spencer Lake (Resident)
Colin Burke (Resident)
Robert Hicks (Resident)
Jason Bailey (AI Fellow)
Eric Jordan (AI Fellow)
Jennifer Lee (AI Fellow)
Eugene Hao (AI Fellow)
Donald Kim (AI Fellow)
Kareem Mawad (AI Fellow)
Bernice Lau (AI Fellow)
Jao Ou (AI Fellow)
Jenny Lu (AI Fellow)

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Susana Candia (AI Fellow)
Brett Mollard (AI Fellow)
Nicholas Monu (AI Fellow)
Kai Kinder (AI Fellow)
Brian Bentley (AI Fellow)
Lisa Chu (AI Fellow)
David Valenzuela (AI Fellow)
Hakeem Afuwape (AI Fellow)
Harpreet Dhatt (AI Fellow)
Jeremiah Boyd (AI Fellow)
Sonia Lee (AI Fellow)
Jeffrey Kao (AI Fellow)
Shilpa Puppala (AI Fellow)
Priyanka Jha (AI Fellow)
Shital Ghandi (AI Fellow)
Robert Flavell (Nuclear Medicine Fellow)
Benjamin Laguna (Resident)
Nabia Ikram (AI fellow)
Evan Lehrman (AI fellow)
Nick Burriss (Resident)
Mark Kovacs (AI fellow)
Eric Ehman (Resident)
Sandeep Arora (AI fellow)
Bilal Ahmed (AI fellow)
Niv Decalo (AI fellow)
Lauren Hollowell (AI fellow)
Alexander Keedy (AI fellow)
Jasmin Koohi (AI fellow)
John Mongan (AI fellow)
Brian Park (AI fellow)
Phillip Reich (AI fellow)
Derek Sun (AI fellow)
William Theodorou (AI fellow)

LIST OF PERSONNEL OUTSIDE OF RESIDENCY/FELLOWSHIP I HAVE SUPERVISED/MENTORED
Dominique Escobar (UCSF Urology Resident / T32 Fellow)
Amir Iravani (Washington University Radiology Faculty)
Sean Wollen (UCSF Abdominal Imaging Faculty)
Benjamin Wildman-Tobriner (Duke University Radiology Faculty)
Elizabeth Smith (Data Science Health Innovation Fellow)
Ivan de Kouchkovsky (Hematology Oncology Fellow)
Vadim Koshkin (GU Medical Oncology faculty)
Roxanna Juarez (Radiology Faculty, Nuclear medicine fellow)
Samuel Washington (Urology Faculty)
Courtney Lawhn-Heath (Radiology Faculty, Resident)
Matthew Bucknor (Radiology Faculty)
Michael Ohliger (Radiology Faculty)
Robert Johnson (Nuclear Medicine Technologist)
Navkanwal Daljit (Nuclear Medicine Technologist)
Jeffrey Rinker (Nuclear Medicine Technologist)
Vishnu Murthy (Clinical Research Coordinator)
Julia Whitman (Clinical Research Coordinator)
Thomas Oloughlin (Post-doctoral scientist)
Raven Smith (Clinical Research Coordinator)
Erika Padilla-Morales (Nuclear Medicine Technologist)
Andrew Leynes (PhD Student)
Sarah Umetsu (Pathology Fellow)
Jeremy Goodman (UCSF Medical Student)

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Bryant Chee (GI Onc Clinical Research Coordinator)
Emily Verdin (Clinical Research Coordinator)
Wenwen Jiang (Research Scientist)
Charmaine Santos (Undergraduate Student)
Paola M. Perez (UCSF Medical Student)
Susan Wu (Radiation Oncology Resident)
Lauren Boreta (Radiation Oncology Resident)
Adam Gadzinski (Urology Resident)
Jaewon Yang (Post-doctoral Scientist)
Yun Rose Li (Radiation Oncology Resident)
Melody Xu (Radiation Oncology Resident)
Ali Salavati (Radiology Resident from University of Minnesota)

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH AWARDS AND GRANTS

Current

1. R01CA235741 (NIH NCI R01)
7/1/2019 – 6/30/2024
MELT: Modulation of PSMA Expression for Lutetium Therapy
Role: Principal Investigator.

2. R01CA212148 (NIH NCI R01)
3/6/2017 – 2/28/2022
Qualification and Harmonization of PET/MRI for Cancer Clinical Trials.
Role: Principal Investigator.

3. Clovis Oncology IIT
1/1/2021 – 12/31/2022
Imaging of Solid Tumors Using 68Ga-FAP-2286
Role: Principal Investigator

Past

1. 1R01CA229354 (NIH NCI R01)
6/1/2019 – 4/30/2021
Immunogenic Priming with Lu-PSMA Targeted Therapy in Advanced Prostate Cancer
Role: Co-Principal Investigator

2. NANETS Theragnostics Investigator Grant
10/1/2018 – 9/30/2020
Optimization of Intra-Arterial Y90-DOTATOC PRRT
Role: Principal Investigator

3. R01EB024014 (NIH NIBIB R01)
9/20/2017 – 6/30/2021
Clinical Translation of D-Amino Acid Derived Pet Tracers for Imaging Spinal Infection.
Role: Co-investigator.

4. R01EB025985 (NIH NIBIB R01)
5/1/2018 – 1/31/2022
Development of 11C-PAVA as a Bacteria-Specific Imaging Agent for Spinal Infections.
Role: Co-investigator.

5. Prostate Cancer Foundation Challenge Award

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8/1/2018 – 7/31/2020
Mechanisms of resistance to PSMA radioligand therapy in Phase III study: radiation resistance versus dose.
Role: Principal Investigator.

6. Prostate Cancer Foundation Young Investigator Award
7/1/2017 – 6/30/2020
Redefining M0 CRPC patients using PSMA PET.
Role: Principal Investigator.

7. Nuclear Medicine Pilot Research Grant in NETS
7/1/2017 – 6/30/2018
Intra-Arterial Peptide Receptor Radionuclide Therapy (IA-PRRT) using 90Y-DOTA-TOC.
Role: Principal Investigator.

8. Margie & Robert E. Petersen Foundation – Sunderland (PI)
12/1/2015 – 11/30/2016
Development of Key Components of a [Ga-68]DOTATOC Regulatory Submission and Clinical Adoption.
Role: Co-investigator.

9. Early Phase Clinical Research Support (UCSF)
4/1/2016 – 9/30/2017
Imaging of AR inhibition of second generation AR targeted therapies using PSMA PET.
Role: Principal Investigator.

10. Medical Center Strategic Initiative Funding Program (UCSF)
9/1/2016 – 8/30/2017
Therapeutic PRRT program development.
Role: Principal Investigator.

11. Resource Allocation Program (UCSF)
7/1/2015 – 6/30/2017
NaF and Diffusion PET/MRI for the characterization of osseous metastatic disease in prostate cancer patients being treated with Ra-223.
Role: Principal Investigator.

12. Radiological Society of North America
7/1/2015 – 6/30/2016
Interim response to Y-90 therapy of neuroendocrine tumor using DOTA-TOC PET/MRI.
Role: Principal Investigator.

13. Bayer Healthcare.
9/21/2009 – 12/31/2015.
Comparison of Gadoxetate Disodium Enhanced MRI and Multiphasic CT for the Detection of Hepatocellular Carcinoma. ($90,000).
Role: Co-investigator.

14. Society of Abdominal Radiology
3/15/2014 – 3/14/2016
Utility of combined Ga-68 DOTA-TATE PET and Eovist MRI utilizing PET/MR.
Role: Principal investigator.

15. GEMS-CTSI fellowship.
7/1/2014 – 6/30/2015
Accelerated UTE/ZTE pulse sequence for the evaluation of pulmonary nodules in the setting of a MR/PET workflow.
Role: Faculty mentor.

16. UCSF Departmental Seed Grant.

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Academic year 2008.
The Interaction of Erythropoietin, Intravenous Iron and Gadolinium Chelates in the Development of Nephrogenic Systemic Fibrosis – a Rat Model.
Role: Principle Investigator.

17. UCSF Departmental Seed Grant.
Academic year 2010.
Evaluation of the selective vasoactive effects of vasopressin on hepatic and splanchnic blood flow.
Role: Co-investigator.

18. RSNA Presidents Circle Research Resident Grant.
#RR1006, 7/1/2010 – 6/30/2012.
Validation of an NSF Model in Renal Failure Rats and Evaluation of Imatinib as a Potential Treatment.
Role: Principle Investigator.

19. Microsoft Digital Inclusion grant.
Academic year 2005 – 2006
Smartphone Health Information and Epidemiology Network (SHIEN) – Vietnam.
Role: Software Engineer.

BOOKS

Iagaru A, Hope TA, Veit-Haibach P. (2018) *PET/MRI in Oncology: current and clinical applications*. Springer.

PEER REVIEWED PUBLICATIONS

1. Bammer R, Hope TA, Aksoy M, Alley MT. Time-resolved 3D quantitative flow MRI of the major intracranial vessels: initial experience and comparative evaluation at 1.5T and 3.0T in combination with parallel imaging. Magn Reson Med. 2007 Jan;57(1):127-40.

2. Hope TA, Markl M, Wigstrom L, Alley MT, Miller DC, Herfkens RJ. Comparison of flow patterns in ascending aortic aneurysms and volunteers using four-dimensional magnetic resonance velocity mapping. J Magn Reson Imaging. 2007 Dec;26(6):1471-9.

3. Hope MD, Meadows AK, Hope TA, Ordovas KG, Reddy GP, Alley MT, Higgins CB. Images in cardiovascular medicine. Evaluation of bicuspid aortic valve and aortic coarctation with 4D flow magnetic resonance imaging. Circulation. 2008 May 27;117(21):2818-9.

4. Hope TA, Zarins CK, Herfkens RJ. Initial experience characterizing a type I endoleak from velocity profiles using time-resolved three-dimensional phase-contrast MRI. J Vasc Surg. 2009 Jun;49(6):1580-4.

5. Hope MD, Purcell DD, Hope TA, von Morze C, Vigneron DB, Alley MT, Dillon WP. Complete intracranial arterial and venous blood flow evaluation with 4D flow MR imaging. AJNR. 2009 Feb;30(2):362-6.

6. Cebral JR, Putman CM, Alley MT, Hope T, Bammer R, Calamante F. Hemodynamics in Normal Cerebral Arteries: Qualitative Comparison of 4D Phase-Contrast Magnetic Resonance and Image-Based Computational Fluid Dynamics. J Eng Math. 2009 Aug 1;64(4):367-378.

7. Hope TA, Herfkens RJ, Denianke KS, Leboit PE, Hung YY, Weil E. Nephrogenic Systemic Fibrosis in Patients With Chronic Kidney Disease Who Received Gadopentetate Dimeglumine. Invest Radiol. 2009 Mar;44(3):135-139.

8. Hope TA, High WA, LeBoit PE, Chaopathomkul B, Rogut VS, Herfkens RJ, Brasch RC. Nephrogenic Systemic Fibrosis in Rats treated with Erythropoietin and Intravenous Iron. Radiology. 2009 Nov;253(2):390-8.

9. Hope MD, Meadows AK, Hope TA, Ordovas KG, Saloner D, Reddy GP, Alley MT, Higgins CB. Clinical evaluation of aortic coarctation with 4D flow MR imaging. J Magn Reson Imaging. 2010 Mar;31(3):711-8.

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10. Hope MD, Hope TA, Meadows AK, Ordovas KG, Urbania TH, Alley MT, Higgins CB. Bicuspid aortic valve: four-dimensional MR evaluation of ascending aortic systolic flow patterns. Radiology. 2010 Apr;255(1):53-61.

11. Hope MD, Hope TA, Urbania TH, Higgins CB. Four-dimensional flow magnetic resonance imaging with wall shear stress analysis before and after repair of aortopulmonary fistula. Circ Cardiovasc Imaging. 2010 Nov 1;3(6):766-8.

12. Hope TA, Hope MD, Purcell DD, von Morze C, Vigneron DB, Alley MT, Dillon WP. Evaluation of intracranial stenoses and aneurysms with accelerated 4D flow. Magn Reson Imaging. 2010 Jan;28(1):41-6.

13. McGowan PO, Hope TA, Meck WH, Kelsoe G, Williams CL. Impaired social recognition memory in recombination activating gene 1-deficient mice. Brain Res. 2011 Apr 6;1383:187-95.

14. Hope MD, Hope TA, Crook SE, Ordovas KG, Urbania TH, Alley MT, Higgins CB. 4D Flow CMR in Assessment of Valve-Related Ascending Aortic Disease. JACC Imaging. 2011 Jul;4(7):781-787.

15. Hope TA, Doherty A, Fu Y, Aslam R, Qayyum A, Brasch RC. Evaluation of gadolinium accumulation and fibrosis within the liver after the administration of gadoxetate disodium in a rat model of active hepatic fibrosis. Radiology. 2012 Aug;264(2):423-7.

16. Hope TA, LeBoit PE, High WA, Fu Y, Brasch RC. Evaluation of Imatinib Mesylate as a Possible Treatment for Nephrogenic Systemic Fibrosis in a Rat Model. Magn Reson Imaging. 2012 Aug 13.

17. Durack JC, Hope TA, Seo Y, Saeed M, He J, Wilson MW, Kerlan RK Jr, Ring EJ. Intravenous Vasopressin for the Prevention of Nontarget Gastrointestinal Embolization during Liver-directed Cancer Treatment: Experimental Study in a Porcine Model. J Vasc Interv Radiol. 2012 Nov;23(11):1505-12.

18. Hope TA, Kvitting JP, Hope MD, Miller DC, Markl M, Herfkens RJ. Evaluation of Marfan patients status post valve-sparing aortic root replacement with 4D flow. Magn Reson Imaging. 2013 Nov;31(9):1479-84.

19. Hope TA, Saranathan M, Petkovska I, Hargreaves BA, Herfkens RJ, Vasanawala SS. Improvement of gadoxetate arterial phase capture with a high spatio-temporal resolution multiphase three-dimensional SPGR-dixon sequence. J Magn Reson Imaging. 2013 Oct;38(4):938-45.

20. Hope TA, Ohliger MA, Qayyum A. MR imaging of diffuse liver disease: from technique to diagnosis. Radiol Clin North Am. 2014 Jul;52(4):709-24.

21. Jacobs MA, Weinstein S, Hope TA, Aslam R, Yee J, Coakley F. Neuroendocrine Tumors: Beyond the Abdomen. J Comput Assist Tomogr. 2014 Nov-Dec;38(6):898-914.

22. Hope TA, Fowler KJ, Sirlin CB, Costa EA, Yee J, Yeh BM, Heiken JP. Hepatobiliary agents and their role in LI-RADS. Abdom Imaging. 2015 Mar;40(3):613-25.

23. Hope TA, Aggarwal R, Simko JP, VanBrocklin HF, Ryan CJ. Somatostatin Imaging of Neuroendocrine-Differentiated Prostate Cancer. Clin Nucl Med. 2015 Jun;40(6):540-1

24. Weinstein S, Mabray MC, Aslam R, Hope T, Yee J, Owens C. Intraoperative sonography during carotid endarterectomy: normal appearance and spectrum of complications. J Ultrasound Med. 2015 May;34(5):885-94.

25. Hope TA, Hernandez-Pampaloni H, Nakakura E, VanBrocklin H, Slater J, Jivan S, Aparici CM, Yee J, Bergsland E. Simultaneous 68Ga-DOTA-TOC PET/MRI with gadoxetate disodium in patients with neuroendocrine tumor. Abdominal Imaging. 2015 Aug;40(6):1432-40.

26. Stephens EH, Hope TA, Kari FA, Escobar Kvitting JP, Liang DH, Herfkens RJ, Miller DC, Greater Asymmetric Wall Shear Stress in Sievers' Type 1/L-R Compared to 0/LAT Bicuspid Aortic Valves after Valve-Sparing Aortic Root Replacement. J Thorac Cardiovasc Surg. 2015 Jul;150(1):59-68. doi: 10.1016/j.jtcvs.2015.04.020.

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27. Kim SY, Park SH, Wu EH, Wang ZJ, Hope TA, Chang WC, Yeh BM. Transient respiratory motion artifact during arterial phase MRI with gadoxetate disodium: risk factor analyses. AJR Am J Roentgenol. 2015 Jun;204(6):1220-7.

28. Burris NS, Johnson KM, Larson PE, Hope MD, Nagle SK, Behr SC, Hope TA. Detection of Small Pulmonary Nodules with Ultrashort Echo Time Sequences in Oncology Patients by Using a PET/MR System. Radiology. 2016 Jan;278(1):239-46.

29. Hope MD, Hope TA, Zhu C, Faraji F, Haraldsson H, Ordovas KG, Saloner D. Vascular Imaging With Ferumoxytol as a Contrast Agent. Am J Roentgenol. 2015 Jun 23:W1-W8.

30. Hope TA, Petkovska I, Saranathan M, Hargreaves BA, Vasanawala SS. Combined parenchymal and vascular imaging: high spatiotemporal resolution arterial evaluation of hepatocellular carcinoma. J Magn Reson Imaging. 2016 Apr;43(4):859-65.

31. Hope TA, Verdin EJ, Bergsland EK, Ohliger MA, Corvera CU, Nakakura EK. Correcting for respiratory motion in liver PET/MRI: preliminary evaluation of the utility of bellows and navigated hepatobiliary phase imaging. EJNMMI Physics. 2015:2(1):21.

32. Ehman EC, Behr SC, Umetsu SE, Fidelman N, Yeh BM, Ferrel LD, Hope TA. Rate of observation and inter-observer agreement for LI-RADS major features at CT and MRI in 184 pathology proven hepatocellular carcinomas. Abdominal Imaging. 2016 May;41(5):963-9.

33. Kim SY, Wu EH, Park SH, Wang ZJ, Hope TA, Yee J, Zhao LQ, Chang WC, Yeh BM. Comparison of Hepatocellular Carcinoma Conspicuity on Hepatobiliary Phase Images with Gadoxetate Disodium versus Delayed Phase Images with Extracellular Cellular Contrast Agent. Abdom Radiol (NY). 2016 Aug;41(8):1522-31.

34. Vasanawala SS, Nguyen KL, Hope MD, Bridges MD, Hope TA, Reeder SB, Bashir MR. Safety and technique of ferumoxytol administration for MRI. Magn Reson Med. 2016 May;75(5):2107-11.

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136. Kasai Y, Hirose K, Corvera CU, Kim GE, Hope TA, Warren RS, Bergsland EK, Nakakura EK. Upfront Interventional Treatments Prior to Liver-Progression for Small Bowel Neuroendocrine Liver Metastasis. NANETS Annual Meeting, October 2020.

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141. Aggarwal RR, Sam SL, Koshkin VS, Small EJ, Feng FY, Kouchkovsky I, Kwon DH, Friedlander TW, Borno H, Bose R, Chou J, Desai A, Rodvelt TJ, Aslam M, Rastogi M, Fong L, Hope TA. Immunogenic priming with 177Lu-PSMA-617 plus pembrolizumab in metastatic castration resistant prostate cancer (mCRPC): A phase 1b study. ASCO Annual Meeting, June 2021.

142. Chan JA, Raj NP, Aggarwal RR, Calabrese A, DeMore A, Dhawan MS, Fattah D, Fong L, Grabowsky J, Hope TA, Kolli KP, Munster PN, Perez K, Reidy DL, Von Fedak S, Zhang L, Bergsland EK. Phase II study of pembrolizumab-based therapy in previously treated extrapulmonary poorly differentiated neuroendocrine carcinomas: Results of Part B (pembrolizumab + chemotherapy). ASCO Annual Meeting, June 2021.

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146. Tranel J, Feng FY, Hope TA, St. James S. Impact of cellularity and heterogeneity on deposited absorbed dose patterns of alpha and beta emitters in a model of tumoral clusters. European Congress of Medical Physics (ECMP) Meeting, June 2021

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149. Djaïleb L, Armstrong WR, Thompson D, Gafita A, Farolfi A, Rajagopal A, Juarez R, Cooperberg M, Carroll P, Washington S, Czernin J, Reiter RE, Hope TA, Calais, J. Predictive value of extra-prostatic disease Detection by pre-operative PSMA-PET for biochemical recurrence free survival in patients treated with Radical Prostatectomy and Pelvic Lymph Node Dissection: follow-up analysis of a Multicenter Prospective Phase 3 Imaging Trial. ASCO Annual Meeting, 2022.

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152. Kline B, Hope TA. First-in-human evaluation of 68Ga-FAP-2286, a fibroblast activation protein targeted radionuclide." SNMMI Annual Meeting, 2022.

153. Hotta H, Gafita A, Murthy V, Benz MR, Sonni I, Burger I, Eiber M, Emmett L, Farolfi A, Fendler WP, Hofman MS, Hope TA, Kratochwil C, Czernin J, Calais J. PSMA PET tumor-to-salivary glands ratio (PSG score) to predict response to Lu-177 PSMA radioligand therapy: An international multicenter retrospective study. SNMMI Annual Meeting, 2022.

154. Tranel J, Feng FY, Hope TA. Impact of targeted sources on deposited absorbed dose of ^{177}Lu and ^{225}Ac in a model of cancer associated fibroblasts. SNMMI Annual Meeting, June 2022.

155. Tranel J, Palm S, Graves SA, Feng FY, Hope TA. Impact of targeted sources on deposited absorbed dose of ^{177}Lu and ^{225}Ac in a model of cancer associated fibroblasts. Swedish Radiation Research Association for young Scientists (SWE-RAYS) Workshop, July 2022.

156. Tranel J, Palm S, Graves SA, Feng FY, Hope TA. Impact of targeted sources on deposited absorbed dose of ^{177}Lu and ^{225}Ac in a model of cancer associated fibroblasts. Swedish academic initiative for radiation sciences and nuclear technology (SAINT) Workshop, July 2022.

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159. Escobar D, Koshkin VS, Kline B, Chou J, Meng M, Friedlander T, Hope TA, Porten S. The Use of 68Ga-FAP-2286 PET Imaging in Patients with Localized Bladder Cancer. SUO 2022.

160. Fendler WP, Hope TA, Jiang F, Thompson D, Juarez R, Hernandez Pampaloni M, Auerbach MS, Gupta P, Benz MR, Calais J, Barbato F. Do bone scans over-stage disease compared to PSMA PET? An international multicenter retrospective study with blinded independent readers. ASCO Annual Meeting, June 2023.

161. Unterrainer L, Andrea Farolfi, Rosar F, Denis CS, Emmett L, de Kouchkovsky I, Hope TA, Hotta A, Gafita A, Djaileb L, Czernin J, Calais J. Early changes of PSMA PET signal after initiation of androgen receptor signaling inhibitors in mCRPC: An international multicenter retrospective study. ASCO Annual Meeting, June 2023.

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163. Morris M, Ulaner GA, Halperin DM, Strosberg JR, Mehr SH, Li D, Soares HP, Anthony LB, Kotiah SD, Jacene H, Pavel ME, Kunz PL, Ferreira DV, Li J, Ma K, Rearden J, Susan Moran, Hope TA, Singh S. ACTION-1 phase Ib/3 trial of RYZ101 in somatostatin receptor subtype 2–expressing (SSTR2+) gastroenteropancreatic neuroendocrine tumors (GEP-NET) progressing after 177Lu somatostatin analogue (SSA) therapy: Initial safety analysis. ASCO Annual Meeting, June 2023.

164. Maldonado E, Hope TA, Aggarwal RR, Kwon DH, Zhang L, Gordon K, Tong B, Bailey A, Kumar V, de Kouchkovsky I, Koshkin VS, Borno H, Chou J, Bose R, Fong L, Desai A, Friedlander TW, Small EJ. Defining the prevalence of inherited DNA damage repair genetic variants (DDRv) in men with prostate cancer (PCa) detected by PSMA PET. ASCO Annual Meeting, June 2023.

165. Hadaschik BA, Eiber M, Weber M, Kumar AR, Calais J, Czernin J, Ilhan H, Saad F, Kretschmer A, Brookman-May SD, Mundle S, Small EJ, Smith MR, Rivera PMP, Hope TA, Herrmann K, Hofman MS, Fendler WP. Prostate-specific membrane antigen ligand positron emission tomography (PSMA-PET) disease extent and overall survival (OS) in patients (pts) with high-risk nonmetastatic castration-resistant prostate cancer (nmCRPC): An international multicenter retrospective study. ASCO Annual Meeting, June 2023.

166. Carretero-González A, Kwon D, Shakhnazaryan N, Hong JC, Mohamad O, Feng MU, de Kouchkovsky I, Borno H, Bose R, Chou J, Desai A, Fong L, Friedlander TW, Koshkin VS, Feng FY, Aggarwal RR, Hope TA, Small EJ. Sequential metastasis-directed therapy (MDT) for oligometastatic prostate cancer (Oligo PCa) assessed by PET-based imaging. ASCO Annual Meeting, June 2023.

167. Behr SC, Wang Y, Houshmand S, Hong C, Hope TA. Added Value of Whole Body DWI MRI to patients undergoing PSMA PET. SNMMI Annual Meeting, June 2023.

168. Calais J, Benz MR, Jiang F, Thompson D, Juarez R, Hernandez Pampaloni M, Armstrong M, Barbato F, Gupta P, Auerbach MS, Fendler WP, Hope TA. Do Bone Scans Over Stage Disease Compared to PSMA PET? An international multicenter retrospective study with blinded independent readers. SNMMI Annual Meeting, June 2023.

169. Sarasa K, Tuchayi AM, Morley A, Saelee R, Juarez R, Lawhn Heath C, Wang Y, Hope TA. Comparison of 18F-DCFPyL and 68Ga-PSMA-11 for 177Lu-PSMA-617 Therapy Patient Selection. SNMMI Annual Meeting, June 2023.

170. Mar D, Lowery B, Diwanji D, Zhang L, Hope TA, Behr S, Flavell R. Detection of incidental malignancy on PSMA PET/CT imaging: a review of 2,054 sequential studies at an academic medical center. SNMMI Annual Meeting, June 2023.

171. Tuchayi AM, Kim S, Morley A, Saelee R, Wang Y, Lawhn Heath C, Juarez R, Hope TA. Initial Experience with 177Lu-PSMA-617 Therapy: Toxicity and Outcomes Post-Approval. SNMMI Annual Meeting, June 2023.

172. Le BK, Paciorek A, Moon F, Hope T, Mulvey C, Lindsay S, Nakakura E, Joseph N, Bergsland EK. Comparison of Well-differentiated Gastroenteropancreatic Grade 3 Neuroendocrine Tumors (G3NETs): De Novo and In The Setting of Apparent Grade Progression Over Time. NANETS Annual Meeting, October 2023.

173. Yadav S, Lawhn-Heath C, Lindsay S, Mirro R, Bergsland EK, Hope TA. The Impact of Post-Treatment Imaging in Peptide Receptor Radionuclide Therapy. NANETS Annual Meeting, October 2023.

174. Fidelman N, Keenan BP, Oh DY, Fong L, Chan K, Zhang L, Bergsland EK, Hope TA.A Pilot Study of Pembrolizumab and Peptide Receptor Radionuclide Therapy for Patients with Metastatic Well- Differentiated Neuroendocrine Tumors. NANETS Annual Meeting, October 2023.

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175. Remick I, Hope TA, Ohliger M, Hong CW, Yang Y, Bergsland E, Lawhn Heath C, Su P, Itriago-Leon P. Initial Experience Using 0.55T MRI for Detection of Liver Metastases in NET Patients. NANETS Annual Meeting, October 2023.

176. Hope TA, Halperin D, Strosberg J, Jacene H, Tesselaar MET, Kunz PL, Ferreira D, Li J, Ma K, Rearden J, Moran S, Singh S. ACTION-1: A randomized Phase Ib/3 trial of RYZ101 compared with SoC in SSTR+ well-differentiated GEP-NET with progression following Lu-177 SSA

5 SIGNIFICANT PUBLICATIONS

1. **Hope TA**, Eiber M, Armstrong WR, Juarez R, Murthy V, Lawhn-Heath C, Behr SC, Zhang L, Barbato F, Ceci F, Farolfi A, Schwarzenböck SM, Unterrainer M, Zacho HD, Nguyen HG, Cooperberg MR, Carroll PR, Reiter RE, Holden S, Herrmann K, Zhu S, Fendler WP, Czernin J, Calais J. Diagnostic Accuracy of 68Ga-PSMA-11 PET for Pelvic Nodal Metastasis Detection Prior to Radical Prostatectomy and Pelvic Lymph Node Dissection: A Multicenter Prospective Phase 3 Imaging Trial. JAMA Oncol. 2021 Sep 16.

2. Aggarwal R, Starzinski S, de Kouchkovsky I, Koshkin V, Bose R, Chou J, Desai A, Kwon D, Kaushal S, Trihy L, Rastogi M, Ippisch R, Aslam M, Friedlander T, Feng F, Oh D, Cheung A, Small E, Evans M, Fong L, **Hope TA**. Single-dose 177Lu-PSMA-617 followed by maintenance pembrolizumab in patients with metastatic castration-resistant prostate cancer: an open-label, dose-expansion, phase 1 trial. Lancet Oncol. 2023 Nov;24(11):1266-1276. doi: 10.1016/S1470-2045(23)00451-5. PMID: 37922930.

3. Fendler WP, Calais J, Eiber M, Flavell RR, Mishoe A, Feng FY, Nguyen HG, Reiter RE, Rettig MB, Okamoto S, Emmett L, Zacho HD, Ilhan H, Wetter A, Rischpler C, Schoder H, Burger IA, Gartmann J, Smith R, Small EJ, Slavik R, Carroll PR, Herrmann K, Czernin J, **Hope TA**. Assessment of 68Ga-PSMA-11 PET Accuracy in Localizing Recurrent Prostate Cancer: A Prospective Single-Arm Clinical Trial. JAMA Oncol. 2019 Mar 28.

4. Hicks RM, Simko JP, Westphalen AC, Nguyen HG, Greene KL, Zhang L, Carroll PR, **Hope TA**. Diagnostic Accuracy of 68Ga-PSMA-11 PET/MRI Compared with Multiparametric MRI in the Detection of Prostate Cancer. Radiology. 2018 Sep 18:180788.

5. **Hope TA**, Truillet CC, Ehman EC, Afshar-Oromieh A, Aggarwal R, Ryan CJ, Carroll PR, Small EJ, Evans MJ. Imaging Response to Androgen Receptor Inhibition Using 68Ga-PSMA-11 PET: First Human Experience. J Nucl Med. 2016 Sep 22.

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