

CURRICULUM VITAE
Seza Gulec, MD, FACS

February 21, 2008

PROFESSIONAL

Current Position:

Surgical and Nuclear Oncologist, Center for Cancer Care, Goshen Health System
Director of Endocrine Surgery Program
Director of Nuclear Oncology and Molecular Imaging Program
Director of Hepatic Oncology Program

Medical School:

Ankara University Medical School, Ankara, Turkey

General Surgery Training:

Hacettepe University Medical Center, Ankara, Turkey
LSU Health Sciences Center, New Orleans, LA

Surgical Oncology Training:

John Wayne Cancer Institute, Santa Monica, CA

Nuclear Medicine and Nuclear Oncology Training:

Memorial Sloan Kettering Cancer Center, New York, NY

Certification and licensure

ECFMG 06/85: #3905692

FLEX 06/92: #610820012

American Board of Nuclear Medicine (12/94)

American Board of Surgery (6/03)

New York State Medical License (07/93) #192891

Florida State Medical license (08/95) #69056 (**Reapplied 02/08**)

Louisiana State Medical License (05/97) #12147R

California State Medical License (04/02) # A78526 (**Active**)

Indiana State Medical License (06/04) #1059389A (**Active**)

DEA: BG4756106

PUBLICATIONS

Peer Reviewed Articles

1. Gokcora H, **Gulec SA**, Turmen T: Congenital posterolateral diaphragmatic hernia. CLINICS OF TURKEY, 21-25, 1985
2. Gokcora H, **Gulec SA**, Turmen T: Necrotizing enterocolitis. CLINICS OF TURKEY 3:247-250, 1986
3. Celik F, **Gulec SA**, Gokcora H: A case of acute appendicitis with situs inversus totalis closely mimicking ureteral colic. TURKISH JOURNAL OF RESEARCH IN MEDICAL SCIENCES 5:110-113, 1986
4. Gokcora H, **Gulec SA**, Ozdamar S: Peritoneal encapsulation and abdominal cocoon. TURKISH JOURNAL OF MEDICAL SCIENCES 6:25-28, 1986
5. Sayek I, **Gulec SA**: Acute pancreatitis, pathophysiology and current therapeutic concepts. NATIONAL SURGERY 4:5-8, 1988
6. **Gulec SA**, Sayek I: Surgical treatment of insulinomas. HACETTEPE UNIVERSITY MEDICAL AND SURGICAL BULLETIN 21:155-162, 1988
7. Levenson D, **Gulec SA**, Sonenberg M, Lai E, Goldsmith S, Larson SM: Peripheral facial palsy after high dose radioiodine therapy in patients with papillary carcinoma. ANN INTERN MED 120:576-578, 1994
8. Divgi CR, Scott AM, **Gulec SA**, Broussard EK, Levy N, Young C, Capitelli P, Daghighian F, Williams JM, Finn RD, Kemeny N, Kelsen D, Schlom J, Larson SM: Phase I radioimmunotherapy trial with I-131 CC49 and deoxysupergaline in metastatic colon carcinoma. CLIN CANCER RES 1: 1503-1510, 1995
9. **Gulec SA**, Serafini AN, Moffat FL, Franceschi D, Velez PG, Boggs J, Gargano AC, Robinson D, Sfakianakis GN: Radioimmunoscintigraphy of breast carcinoma using technetium-99m labeled Fab' fragment of anti-CEA monoclonal antibody. DIAGNOSTIC ONCOLOGY, 4: 209-213, 1995
10. **Gulec SA**, Serafini AN, Moffat FL, Vargas-Cuba RD, Sfakianakis GN, Franceschi D, Crichton VZ, Subramanian R, Klein JL, De Jager RL: Radioimmunoscintigraphy of colorectal carcinoma using technetium-99m labeled totally human monoclonal antibody 88BV59H21-2. CANCER RESEARCH (SUPPL), 55: 5774s-5776s, 1995
11. **Gulec SA**, Serafini AN, Ezuddin S, Markoe AM, Sridhar KS, Kuker RA, Peker KR, Korensky T, Moffat FL. Papillary Thyroid Cancer; Kinetic analysis and Response to Therapy. DIAGNOSTIC ONCOLOGY, 4: 325-330, 1994-95

12. **Gulec SA**, Serafini AN, Ezuddin S, Kuker RA, Gupta A, Moffat F, Robinson DS. Malignant Struma Ovarii: Dosimetric Technique for Radioactive Iodine Therapy. DIAGNOSTIC ONCOLOGY 4: 331-333, 1994-95
13. **Gulec SA**, Moffat FL, Carroll RG, Krag DN. Gamma Probe Guided Sentinel Node biopsy in Breast Cancer. QUARTERLY J NUCLEAR MEDICINE 41: 251-261, 1997
14. Civantos FJ, Moffat FL, Duque C, **Gulec SA**. Lymphoscintigraphy and Sentinel Node Biopsy: A Potential New Approach in the Management of the N0 Neck. CURRENT OPINIONS IN OTOLARYNGOLOGY 5:99-104, 1997
15. **Gulec SA**, Serafini AN, Sridhar KS, Peker RK, Gupta A, Sfakianakis GN, Moffat F. Somatostatin Receptor Expression in Hurtle Cell Cancer of the Thyroid. J NUCLEAR MEDICINE 39: 243-245, 1998
16. **Gulec SA**, Moffat FL, Carroll RG, Serafini AN, Sfakianakis GN, Allen L, Boggs J, Escobedo D, Livingstone AS, Krag DN Sentinel Node Localization in Early Breast Cancer. J NUCLEAR MEDICINE 39: 1388-1393, 1998
17. Divgi CR. Bander NH. Scott AM. O'Donoghue JA. Sgouros G. Welt S. Finn RD. Morrissey F. Capitelli P. Williams JM. Deland D. Nakhre A. Oosterwijk E. **Gulec SA**. Graham MC. Larson SM. Old LJ. Phase I/II radioimmunotherapy trial with iodine-131-labeled monoclonal antibody G250 in metastatic renal cell carcinoma. CLINICAL CANCER RESEARCH. 4(11):2729-39, 1998
18. **Gulec SA**, O'Leary JP Fable on the superior laryngeal nerve. THE AMERICAN SURGEON 1999 May;65(5):490-2
19. Moffat FL, **Gulec SA**, Serafini AN, Sfakianakis GN, Pop R, Robinson DS, Franceschi D, Boggs J, Livingstone AS A Thousand Points of light or Just Dim Light Bulbs? Radiolabeled Antibodies and Colorectal Cancer Imaging. CANCER INVESTIGATION 1999 17(5) 322-334
20. Moffat FL, **Gulec SA**, Sittler SY, Serafini AN, Sfakianakis GN, Boggs J, Franceschi D, Pruet CS, Pop R, Gurkok C, Livingstone AS, Krag DN. Unfiltered sulfur colloid and sentinel node biopsy for breast cancer: Technical and kinetic considerations. ANNALS OF SURGICAL ONCOLOGY 1999 6(8) 746-751
21. Drouant G J, Hughey SH, Anthony CA, Fuselier JA, Nelson J, **Gulec SA**, Books R, Hoover R, Maloney T, Boothe T, Woltering EA. High dose 111in-pentetreotide: is there radiolysis? CLIN NUC MED 1999 24(3):212
22. **Gulec SA**, Su JL, O'Leary JP, Stolier A. The utility of frozen-section in sentinel node biopsy for breast cancer. THE AMERICAN SURGEON 2001 67(6):529-32

23. **Gulec SA**, Drouant GJ, Fuselier J, Anthony CT, Heneghan J, DelCarpio JB, Coy DH, Murphy WA, Woltering EA. Anti-tumor and anti-angiogenic effects of somatostatin receptor targeted in-situ radiation with ¹¹¹In-DTPA-JIC 2DL. JOURNAL OF SURGICAL RESEARCH 2001 97(2) 131-137
24. Arslan N, Ilgan S, Serdengecti M, Ozguven MA, Bayhan H, Okuyucu K, **Gulec SA**. Post-surgical ablation of thyroid remnants with high-dose I-131 in patients with differentiated thyroid cancer NUC MED COMMUN 2001 22(9):1021-7
25. **Gulec SA**, Gaffga CM, Anthony CT, Su JL, O’Leary PJ, Woltering EA. Anti-angiogenic treatment with somatostatin receptor-mediated in-situ radiation. THE AMERICAN SURGEON 2001 67(11): 1068-1071
26. **Gulec SA**, Mountcastle TS, Frey D, Cundiff JD, Anthony L, O’Leary JP, Boudreaux JP. Cytoreductive surgery in patients with advanced stage carcinoid tumors. THE AMERICAN SURGEON 2002 68(8) 667-672
27. **Gulec SA**, Eckert M, Woltering EA. Gamma-probe guided lymph node dissection (“gamma picking”) in differentiated thyroid carcinoma. CLIN NUC MED 2002 27(12): 859-861
28. Dorn R, Kopp J, Wogt H, Heindenreich P, Carroll RG, **Gulec, SA**. Dosimetry- guided radioactive iodine treatment in patients with metastatic differentiated thyroid cancer: Largest safe dose using a risk adapted approach. J NUC MED 2003 44: 451-456
29. Liu DC, Vogel AM, **Gulec SA**, Santore MJ, Wu Y, Hill CB. Hepatectomy in children under total hepatic occlusion. AMERICAN SURGEON 2003 69(6):539-41
30. Bozkurt F, Ugur O, Hamaloglu E, Sayek I, **Gulec SA**. Optimization of Gamma Probe-guided Parathyroidectomy AMERICAN SURGEON 2003, 69: 720-725
31. Mariani G, **Gulec SA**, Rubello D, Boni G, Puccini M, Casara D, Manca G, Pelizzo MR, Sotti G, Erba P, Volterrani D, Giuliano AE. Preoperative Localization and Radioguided Parathyroid Surgery J NUC MED 2003 44: 1443-1458
32. **Gulec SA**, Faries MB, Lee CC, Glass E, Morton DL, Essner R. The role of FDG-PET in the management of patients with metastatic melanoma: Impact on surgical decision making. CLIN NUC MED 28: 961-965, 2003
33. Gerard SK, Park HM, **Gulec SA** ¹³¹I Dosimetry and Thyroid Stunning J NUCL MED 44: 2039-2040, 2003
34. **Gulec SA**, Woltering EA. A New In-vitro Assay for Human Tumor Angiogenesis ANN SURG ONCOL 11: 99-104, 2004

35. **Gulec SA**, Ugur O. The Intellectual and Scientific Basis of Parathyroid Surgery
TURKISH. J. OF MED. SCIENCES 34: 81-84, 2004
36. **Gulec SA**, Gonzales DA, Gardner R, Welsh RA. Breast Carcinoma Originating in a
Fibroadenoma THE BREAST JOURNAL 10(5):452-3, 2004
37. **Gulec SA**, Weintraub S, Wang Y-Z, Cundiff J, Albarado R, Moulder P, O'Leary JP,
Hunt J. Gamma-guided Diagnostic Peritoneal Lavage (γ -DPL) for Detection of Bowel
Perforation ARCH SURG 139: 1075-1078, 2004
38. Ugur O, Bozkurt MF, Hamaloglu E, Sokmensuer C, Etikan I, Ugur Y, Sayek I,
Gulec SA . Clinico-pathologic and Radiopharmacokinetic Factors Affecting Gamma
Probe-guided Parathyroidectomy ARCH SURG 139: 1175-1179, 2004
39. **Gulec SA**, Beller M, Edwards K, Lizotte P, O'Day S PET-CT Diagnosis of
Metastatic Melanoma-led Intussusception J CLIN ONCOL 22: 4854, 2004
40. **Gulec SA**. PET Scan, Sentinel Node Biopsy, and Standard Axillary Dissection for
Axillary Staging in Patients with Early Breast Cancer A J ONCOL REV 4: 54-55,
2004
41. **Gulec SA**. Sentinel Node Biopsy in Head and Neck Cancer A J ONCOL REV 4: 23-
24, 2004
42. **Gulec SA** Mesoloras G, Stabin M Dosimetric Techniques in Y-90 Microsphere
Therapy of Liver Cancer: The MIRD Equations for Dose Calculations. J NUC MED
47: 1209-1211, 2006
43. **Gulec SA** The USA Experience With Y-90-Resin Microsphere Selective Internal
Radiation Treatment For Unresectable Colorectal Liver Metastases A J ONCOL REV
2006; 5: 614-616
44. **Gulec SA**, Daghighian F, Essner R. PET-PROBE: Evaluation of Technical
Performance and Clinical Utility in Oncologic Surgery ANN SURG 2006 Jul 24;
[Epub ahead of print]
45. **Gulec SA** . Surgical Perspectives on Positron Emission Tomography. J SURG ONC
2007 May 1;95(6):443-6
46. **Gulec SA** . FDG-PET/CT in Surgical Oncology. DISCUSSIONS IN PET IMAGING
2006 (CME)
47. **Gulec SA**, Hoenie E, Hostetter R, Schwartzenruber D PET-Probe Guided Surgery :
Indications and Clinical Protocol W J SURG ONCOL 2007; Jun 7;5:65

48. **Gulec SA, Mesoloras G, Dezarn A, Kennedy AS** Safety and Efficacy Evaluation of Y-90 Microsphere Treatment Using Medical Internal Radiation Dosimetry (MIRD) in Patients with Primary and Metastatic Liver Cancer J TANSL MED 2007 Mar 14;5:15
49. **Gulec SA**, Hoenie E, Reinheimer K, A multimodality localization technique for radio-guided surgery WORLD J SURG ONCOL 2007 Apr 25;5(1):43.
50. Kuker RA, Mesoloras G, **Gulec SA** Optimization of FDG-PET/CT imaging protocol for evaluation of patients with primary and metastatic liver disease. INT SEMIN SURG ONCOL. 2007 Jul 10;4(1):17
51. **Gulec SA**, O'Leary JP. A Tribute to a Nuclear Surgeon. ARCH SURG 2007 Jul;142(7):683-4
52. **Gulec SA**, Fong Y. Y-90 Microsphere Selective Internal Radiation Treatment of Hepatic Colorectal Metastases ARCH SURG 2007 Jul;142(7):675-82
53. **Gulec SA**. PET-probe Guided Surgery. J SURG ONCOL. 2007 Aug 28;96(4):353-357
54. **Gulec SA**, Baum R. Radio-guided Surgery in Neuroendocrine Tumors J SURG ONCOL. 2007 Aug 28;96(4):309-315
55. **Gulec SA**, Siegel JA. Posttherapy radiation safety considerations in radiomicrosphere treatment with 90Y-microspheres. J Nucl Med. 2007 48(12):2080-6
56. **Gulec SA** Considerations in Y-90 Microsphere Administration Via Hepatic Arterial Pump: A Technical Note J Interventional Oncology 2008 (in-press)
57. **Gulec SA**, Pennington K, Hall M, Fong Y Preoperative Y-90 Microsphere Selective Internal Radiation Treatment for Tumor Down-sizing and Future Liver Remnant Recruitment: A Novel Approach to Improve the Safety of Major Hepatic Resections Surgery 2008 (Submitted)
58. **Gulec SA**, Atkinson H Efficacy of Radioactive Iodine Thyroid Remnant Ablation With rhTSH induction After Total Thyroidectomy in Patients With Differentiated Thyroid Cancer THYROID 2008 (Submitted)
59. **Gulec SA**, Hall M Radiomicrosphere Therapy: Technical and Clinical Considerations J Nucl Med (in-prep)
60. **Gulec SA**, Szejnberg Gonçalves-Carralves M, Mesoloras G, Jevremovic T, Siegel JA Hepatic Structural Dosimetry in Y-90 Microsphere Treatment J Nucl Med (in-prep)
61. **Gulec SA**, Yan M, Antoine J, Garcia M, Ozturk B Pathology of Selective Internal Radiation Treatment-Induced Liver Disease Clin Pathol (in-prep)

62. Gulec SA, Pennington K, Bruetman D, Wheeler J, Hostetter R, Schwartzenruber D
Phase II Clinical Trial of Chemo-SIRT NEJM (in-prep)

Book Chapters and Monographs

1. Gulec SA, Moffat FL, Carrol RG: The Expanding Clinical Role for Intraoperative Gamma Probes. NUCLEAR MEDICINE ANNUAL 1997 Lippincott-Raven Publishers, Philadelphia , 209-237
2. Gulec SA: Technologies in General Surgery. THE PHYSIOLOGIC BASIS OF SURGERY Third edition Williams and Wilkins 2002
3. Kocdor MA, Gulec SA: Sentinel Node Concept: Melanoma and Breast Cancer. BASIC SURGERY Third edition Gunes Publishing 2004
4. Moffat FL, Gulec SA Sulphur Colloid for Imaging Lymph Nodes and Bone Marrow NANOPARTICLES IN BIOMEDICAL IMAGING: EMERGING TECHNOLOGIES AND APPLICATIONS Publisher: Springer-Verlag New York Inc. 2007
5. Gulec SA: Technologies in General Surgery. THE PHYSIOLOGIC BASIS OF SURGERY Fourth edition Williams and Wilkins 2008

Published Abstracts

1. Gulec AS, Serafini AN, Moffat FL, Castillo C, Sfakianakis GN, Crichton VZ, Wessner BD, De Jager RL: Phase II study of Tc-99m labeled all human monoclonal antibody 88BV59H21-2 in recurrent colorectal carcinoma (ONCOSPECT, Organon-Teknika). J IMMUNOTHERAPY 16:2;172, 1994
2. Gulec AS, Serafini AN, Moffat FL, Franceschi D, Robinson DS, Velez PG, Batt HD, Gargano CA, Hernandez RA, Love N, Sfakianakis GN: Radioimmunoscinigraphy of breast carcinoma using technetium-99m labeled Fab' fragment of anti-CEA monoclonal antibody. DIAGNOSTIC ONCOLOGY 4:192, 1995
3. Gulec AS, Serafini AN, Moffat FL, Lopez GR, Castillo C, Morrel L, Sfakianakis GN: Detection of breast carcinoma by Tc-99m labeled Fab' fragment of the anti-CEA antibody (IMMU-4, Immunomedics Inc., Morris Plains, NJ). PROC AM ASSOC CANCER RESEARCH 36; 619, 1995
4. Divgi CR, Bander NH, Scott AM, Welt S, Finn RD, Broussard E, Gulec AS, Motzer R, Graham MC, Larson SM, Old LJ: Phase I-II radioimmunotherapy trial with iodine 131 labeled G250 in metastatic renal carcinoma. PROC AM SOC CLIN ONCOL 1995

5. Divgi CR, Bander NH, Scott AM, Gulec AS, Motzer R, Finn RD, Oosterwizk E, Williams J, Broussard E, Old LJ, Larson SM: Radioimmunotherapy with I-131-G250 in metastatic renal cell cancer. J NUC MEDICINE 36:5; 213, 1995
6. Divgi CR, Scott AM, Young C, Daghighian F, Broussard EK, Williams JM, Finn RD, Kemeny N, Gulec AS, Larson SM: Phase I radioimmunotherapy trial with I-131 CC49 and deoxysupergualine in metastatic colon carcinoma. EUR J NUCL MED 22: 849, 1995
7. Divgi CR, Bander NH, Welt S, Scott AM, Gulec AS, Finn RD, Motzer R, Oosterwizk E, Williams J, Broussard E, Larson SM: Phase I-II radioimmunotherapy trial with iodine 131 labeled G250 in metastatic renal cancer. EUR J NUCL MED 22(8): 818, 1995
8. Gulec AS, Serafini AN, Sfakianakis GN, Kuker RA, Thurer RJ, Sridhar KS: Indium-111 pentetretotide imaging in lung cancer. PROC SE CHAPTER SOC NUCLEAR MEDICINE 36: P-4, 1995
9. Serafini AN, Gulec AS, Sfakianakis GN, Gil del Real MT, Gargano CA, Franceschi D, Sridhar KS, Levi JU: The clinical use of Indium-111 pentetretotide (OctreoScan). PROC SE CHAPTER SOC NUCLEAR MEDICINE 36: P-3, 1995
10. Gulec AS, Serafini AN, Sfakianakis GN, Sundaram M, Boggs J, Franceschi D, Moffat FL, Robinson DS, : In vivo somatostatin receptor localization in breast lesions with In-111 pentetretotide imaging. DIAGNOSTIC ONCOLOGY 4: 252, 1995
11. Gulec AS, Serafini AN, Sfakianakis GN, Kuker RA, Sundaram M, Boggs J, Franceschi D, Moffat FL, Robinson DS, Livingston A: Tumor localization with In-111 Pentetretotide in Malignant Melanoma. DIAGNOSTIC ONCOLOGY 4: 253, 1995
12. Serafini AN, Gulec AS, Sfakianakis GN, Kuker RA, Ajami K, Franceschi D, Sridhar K: Somatostatin receptor imaging; a clinicopathologic correlation. J NUC MEDICINE 37: P255, 1996
13. Gulec AS, Serafini AN, Sfakianakis GN, Chirinos RE, Franceschi D, Moffat FL: CEA Scan in diagnosis and staging of breast cancer. J NUC MEDICINE 37: P 238, 1996
14. Gulec AS, Moffat FL, Serafini AN, Sfakianakis GN, Allen L, Boggs J, Escobedo D, Livingstone AS, Krag DN Sentinel Node Localization in Breast Cancer: Technical Considerations. J NUC MEDICINE 38: P33, 1997

15. Gulec AS, Gaffga CM, Anthony CT, Drouant GJ, Fuselier J, Woltering EA. Anti-angiogenic effects of In-111-pentetreotide in an in-vitro human placental vein angiogenesis model J NUC MEDICINE 41: P34, 2000
16. Gulec AS, Stolier A. Lymphatic mapping techniques in breast cancer: Functional anatomical considerations J NUC MEDICINE 41: P280, 2000
17. Gulec AS, Drouant GJ, Fuselier J, Anthony CT, Heneghan JB, Delcarpio JP, Woltering EA. Antitumor and Antiangiogenic treatment with somatostatin mediated in-situ radiation. J SURG RESEARCH 93: 348, 2000
18. Gulec AS, Woltering EA. Anti-angiogenic and anti-tumor effects of auger-emitting radiolabeled somatostatin analogs J NUC MEDICINE 43: 122P, 2002
19. Gulec SA, Weintraub S, Cundiff J, Albarado R, Moulder P, O'Leary JP, Hunt J. Gamma probe guided diagnostic peritoneal lavage in detection of bowel perforation. J SURG RESEARCH 107: 274, 2002
20. Gulec SA, Woltering EA A new In-vitro Assay for Human Tumor Angiogenesis ANN SURG ONCOL 10: S10, 2003
21. Bozkurt MF, Ugur O, Hamaloglu E, Sayek I, Gulec SA. Optimization of gamma probe-guided parathyroidectomy. JNM 44: 331P, 2003
22. Gulec SA, Faries MB, Lee CC, Glass E, Morton DL, Essner R. The role of FDG-PET in the management of patients with metastatic melanoma: Impact on surgical decision making. JNM 44: 169P, 2003
23. Gulec SA, Weintraub S, Moulder PV, Hunt J. Tc-99m sulfur colloid intestinal perforation study using a gamma probe. JNM 44: 95P, 2003
24. Ugur O, Bozkurt MF, Hamaloglu E, Sokmensuer C, Etikan I, Ugur Y, Sayek I, Gulec SA . Clinico-pathologic and Radiopharmacokinetic Factors Affecting Gamma Probe-guided Parathyroidectomy. ANN SURG ONCOL 11: S103, 2004
25. Gulec SA, Trocha S, Faries M, Morton DL. Intraoperative Lymphoscintigraphy and Sentinel node Mapping in Patients with Melanoma Using a Miniature Gamma Camera. ANN SURG ONCOL 11: S121, 2004
26. Gulec SA, Daghighian, F, Foshag L, Edwards K, Essner R. Clinical Evaluation of a Novel Surgical Probe Designed for PET Radioisotopes (PET-Probe) in Patients with Metastatic Melanoma. ASCO ANNUAL MEETING PROCEEDINGS 23: 712, 2004

27. Gulec SA, Daghighian, Edwards K, Beller, M, Essner R. Evaluation of a Surgical Probe Designed for PET Radioisotopes (PET-Probe): Clinical Indications and Efficacy. JNM 45(Supp): 431P, 2004
28. Gulec SA., Wilson L, Stafford S, Anthony C, Hoon D, Morton DL, Woltering EA Proteomic Analysis of Human Angiogenesis in Tumor and Placental Vein Based Models Using Seldi-TOF Mass Spectrometry ANN SURG ONC 12: S43, 2005
29. Gulec SA, Lee J, Kyshtoobayeva A, Bloom K, Turner R, Cochran A, Morton D.L. Biologic Markers and Tumor Kinetics Correlating with overall and Post-resection Survival in Patients with Metastatic Pulmonary Melanoma ANN SURG ONC 12: S94-95, 2005
30. Gulec SA, Daghighian F, Edwards K, Beller M, Morton DL, Essner R. Clinical Utility of PET-Probe in Oncologic Surgery ANN SURG ONC 12: S10-11, 2005
31. Gulec SA, Lee J, Morton D.L. Glut-1 Expression Correlates with Overall and Postresection Survival in Patients with Metastatic Melanoma EUR J NUCL MED MOL IMAGING 32: S113, 2005
32. Gulec SA, Atkinson H, Hostetter R, Schwartzentruber D. Y-90 Labeled Microsphere Administration Via Hepatic Arterial Infusion Pumps: An Ex-vivo Flow Analysis EUR J NUCL MED MOL IMAGING 32: S221, 2005
33. Gulec SA, Daghighian F, Hostetter R, Essner R. PET-Probe: Evaluation of Technical Performance and Clinical Utility in Oncologic Surgery EUR J NUCL MED MOL IMAGING 32: S80, 2005
34. Gulec SA, Mesoloras G, Dezarn A, McNeal P, Kennedy AS. Safety and Efficacy Evaluation of Y-90 Microsphere Treatment of Liver Malignancies Using MIRD. J NUC MED 47: 493P, 2006
35. Miller G, Mesoloras G, Gulec SA. Quantitative Indices of Hepatic Uptake and Clearance for Evaluation of Liver Function Using Tc-99m HIDA scan. J NUC MED 47: 530P, 2006
36. Gulec SA, Hostetter R, Schwartzentruber D, Pennington K, Bruetman D, Wheeler J, Kennedy AS. Treatment of Carcinoid Tumor Liver Metastases with Y-90 Microspheres: An Effective Cytoreduction for Disease Consolidation and Symptom Control. ANN SURG ONCOL 14: 93, 2007.
37. Gulec SA, Hostetter R, Schwartzentruber D, Pennington K, Bruetman D, Wheeler J, Kennedy AS. Treatment of Colorectal Cancer Liver Metastases with Y-90 Microspheres Selective Internal Radiation Treatment. ANN SURG ONCOL 14: 107, 2007.

38. Gulec SA, Mesoloras G, Wiarda H, Pennington K, Bruetman D, Wheeler J, Hostetter R, Schwartzentruber D. Y-90 Resin Microsphere Selective Internal Radiation Treatment in Primary and Metastatic Liver Cancer: Objective Response and therapeutic Ratio Analysis. *HPB* 9: 53, 2007.
39. Gulec SA, Cohen SJ, Zukier LS, Horne H, Teoh N, Wegener WA, Gold DV, Goldenberg DM. First clinical experience with ⁹⁰Y-radiolabeled humanized anti-MUC1 antibody (hPAM4) in patients with advanced pancreatic cancer: A phase I study. *JCO* 25: 636s, 2007.
40. Pennington KL, Bruetman D, Mesoloras G, Hostetter R, Gulec SA. Yttrium-90 microsphere selective internal radiation treatment (SIRT) with concomitant chemotherapy (Chemo-SIRT) as first/second-line therapy in patients with colorectal cancer liver metastases. *JCO* 25: 632s, 2007.
41. Kuker R, Mesoloras G, Gulec SA Optimization of FDG-PET/CT imaging protocol for evaluation of patients with primary and metastatic liver disease *J NUCL MED* 48 (supp2): 141P, 2007
42. Gulec SA, Pennington K, Bruetmen D, Garl S, Horne H, Gold D, Wegener W, Goldenberg D. A phase-I study of ⁹⁰Y-hPAM4 (humanized anti-MUC1 monoclonal antibody) in patients with unresectable and metastatic pancreatic cancer *J NUCL MED* 48 (supp2): 393P, 2007
43. Gulec SA, Mesoloras G, Dezarn A, McNeal P, Kennedy AS Biologic determination of absorbed dose estimates in Y-90 microsphere treatment of hepatic malignancies: Significance of tumor perfusion measured by Tc-99m MAA imaging *J NUCL MED* 48 (supp2): 396P, 2007
44. Gulec SA, Mesoloras G, Bruetman D Pennington K, Effectiveness of Yttrium-90 microspheres selective internal radiation treatment with concomitant chemotherapy as a front-line treatment in patients with colorectal cancer liver metastases *J NUCL MED* 48 (supp2): 397P, 2007
45. Gulec SA, Atkinson H Efficacy of Radioactive Iodine Thyroid Remnant Ablation With rhTSH induction After Total Thyroidectomy in Patients With Differentiated Thyroid Cancer **THYROID**

RESEARCH

1. Phase I Radioimmunotherapy Trial with I-131 CC49 and Deoxysupergualine in Metastatic Colon Cancer. Nuclear Oncology Fellow, January 1994
2. Phase I-II Study of I-125 labeled Monoclonal Antibody A33 in Colon Cancer. Nuclear Oncology Fellow, January 1994
3. Phase I Radioimmunolocalization study with I-131 labeled Pros 30 Monoclonal Antibody in Prostate Cancer. Nuclear Oncology Fellow, January 1994
4. Phase II evaluation of I-131 labeled CC49 in Patients with Hormone Refractory Prostate Cancer Pretreated with gamma Interferon. Nuclear Oncology Fellow, January 1994
5. Phase II Study of I-131 Labeled G250 Monoclonal Antibody in Patients with Advanced Renal Cell cancer. Nuclear Oncology Fellow, January 1994
6. Phase III study of detection of occult and metastatic colorectal carcinoma using Tc-99m labeled human monoclonal antibody 88BV59h21-2. Co-investigator., Sponsored by Organon-Teknika Ins., July 1994
7. Evaluation of the safety and efficacy of Tc-99m labeled Fab' fragment of anti-granulocyte monoclonal antibody for the imaging of infected prosthetic joints, long bone osteomyelitis and diabetic foot. Co-investigator., Sponsored by Immunomedics Inc., July 1994
8. Phase III multicenter trial of Sm-153-EDTMP for the treatment of painful bone metastases in patients with stage D2 prostate carcinoma. Co-investigator., Sponsored by Cytogen Inc., July 1994
9. An open label study of Sm-153-EDTMP for the treatment of patients with bone pain secondary to metastatic carcinoma. Co-investigator., Sponsored by Cytogen Inc., July 1994
10. Phase II study of Tc-99m labeled Fab' fragment of anti-CEA monoclonal antibody for detection of non-small cell lung carcinoma. Co-investigator., Sponsored by Immunomedics Inc., January 1995
11. Phase II study of Tc-99m labeled Fab' fragment of anti-CEA monoclonal antibody for detection of breast carcinoma. Co-investigator., Sponsored by Immunomedics Inc., July 1994

12. An open label study to evaluate the diagnostic accuracy of Tc-99m sestamibi in breast cancer. Co-investigator., Sponsored by Dupont/Merck, July 1994
13. Evaluation of the role of somatostatin receptor imaging in the detection and prognostication of breast cancer. **Principal investigator**, Sponsored by Mallinckrodt, January 1995
14. Detection of colo-rectal carcinoma by multiple diagnostic imaging of Fab' fragment of the Anti-CEA monoclonal antibody. Co-investigator. Sponsored by Immunomedics Inc., May 1995
15. The Use of Recombinant Human TSH in Patient preparation for RAI imaging and Therapy. Co-Principal investigator. Sponsored by Genzyme Corp. July 1995
16. Lymphatic Mapping and Sentinel Node Biopsy in Patients with Breast Cancer. Co-Investigator. Sponsored by NCI. July 1995
17. Study of Intravenously Administered ^{111}In -Capromab Pentetide in the Evaluation of Patients with Prostate Cancer. Co-Investigator. Sponsored by Cytogen Corp. July 1996
18. Treatment of Refractory B-cell Lymphoma with ^{131}I -Lym1 Monoclonal Antibody. Co-Principal Investigator. Sponsored by Alpha Therapeutic Corp. August 1996
19. Indium-111 Pentetreotide Therapy of Somatostatin Receptor Positive Tumors. **Principal Investigator**, January 1997
20. Stereotactic Injection of Tc-99m Radiocollids for Sentinel Node Localization in Breast Cancer Patients. **Principal Investigator**, January 1997
21. Development of Novel Antiangiogenic Radiopharmaceuticals. **Principal Investigator**. Awarded by Malinckrodt, July 1998
22. Gamma-guided diagnostic peritoneal lavage in the detection of bowel perforation. **Principal investigator**, May 2002
23. Intraoperative lymphoscintigraphy with a miniature gamma camera **Principal investigator**, September 2002
24. Determination of angiogenic and cellular proliferative activity in melanoma **Principal investigator**, July 2003

25. A Phase III Randomized Double-Blind Pivotal Trial of Immunotherapy with BCG plus a Polyvalent Melanoma Vaccine, CancerVax™
Co-investigator, November 2003
26. Intraoperative Tumor Localization using PET Probes
Co-investigator, December 2003
27. Ultrastaging of Colorectal Cancer Using Intraoperative Lymphatic Mapping and Sentinel Node Analysis
Principal investigator, November 2003
28. A Phase I, Dose-Escalating Study to Investigate the Safety, Tolerability, pharmacokinetics and Dosimetry of a Single Dose of 90Y-Humanized PAM4 IgG in Patients with Locally Advanced/Metastatic Pancreatic Cancer
Principal investigator, Sponsored by Immunomedics Inc., January 2005
29. Y-90 Microsphere Treatment of Hepatocellular Carcinoma
Principal Investigator, January 2005
30. A phase II efficacy and safety study of chemotherapy with selective internal radiation treatment using Y-90 microspheres (chemo-SIRT) in patients with colorectal cancer liver metastasis
Principal Investigator, Supported by Sirtex Medical, December 2005
30. A phase II efficacy and safety study of chemotherapy with selective internal radiation treatment (SIRT) using Y-90 microspheres and Selective External radiation Treatment (SERT) using Tomotherapy in patients with Locally-advanced and/or Metastatic Pancreas Cancer
Principal Investigator, Supported by Sirtex Medical December 2006
31. A phase II efficacy and safety study of chemotherapy with selective internal radiation treatment (SIRT) using Y-90 microspheres in patients with Metastatic Neuroendocrine Tumors
Principal Investigator, Supported by Sirtex Medical February 2008
32. Development of a PET-Guided, Image-Based Dosimetry Techniques in selective internal radiation treatment using Y-90 Resin Microspheres
Principal Investigator, Supported by Sirtex Medical, February 2008
33. A phase II PET-Guided, Image-Based Dosimetry study of selective internal radiation treatment for Y-90 microspheres
Principal Investigator, Sponsored by Sirtex Medical, February 2008
34. A Phase Ib Study of Fractionated Dose of 90Y-Humanized PAM4 Plus Gemcitabine in Patients with Previously Untreated Advanced Pancreatic Cancer
Principal investigator, Sponsored by Immunomedics Inc., January 2008

35. A phase III Randomized Trial of chemotherapy with selective internal radiation treatment using Y-90 microspheres (chemo-SIRT) in patients with colorectal cancer liver metastasis

Principal Investigator, Supported by Sirtex Medical, February 2008

FUNDING OBTAINED FOR RESEARCH AND DEVELOPMENT

1. Arthur Rupe Foundation Donation for Pancreatic Cancer Research, 2006 [In-vivo Molecular Profiling Project]
2. Rinker Family Foundation Donation for Liver Cancer Research, 2007 [Radiomicrosphere Development Project]
3. Sirtex Medical Educational Grant for Radiomicrosphere Therapy Program, 2007 [Radiomicrosphere Therapy 4th Annual Symposium]

PRESENTATIONS

1. **Congenital posterolateral diaphragmatic hernia: New concepts in pathophysiology and treatment.** TWENTYTHIRD TURKISH NATIONAL PEDIATRIC CONGRESS. Istanbul, Turkey, 1984
2. **Retrospective analysis of 400 peritonitis cases: Factors effecting prognosis.** TURKISH NATIONAL SURGICAL CONGRESS. Istanbul, Turkey, 1987
3. **Primary gastrointestinal lymphomas: Towards new surgical thinkings.** MEDITERRANEAN SURGICAL CONGRESS. Athens, Greece, 1989
4. **Phase II study of Tc-99m labeled human monoclonal antibody 88BV59H21-2 in recurrent colorectal carcinoma** FIFTH CONFERENCE OF RADIOIMMUNODETECTION AND RADIOIMMUNOTHERAPY OF CANCER Princeton, NJ, October 14, 1994
5. **Radioimmunosintigraphy of breast carcinoma using technetium-99m labeled Fab' fragment of anti-CEA monoclonal antibody.** NUCLEAR ONCOLOGY: ADVANCES IN DIAGNOSTIC AND THERAPEUTIC APPLICATIONS Key Biscayne, FL, January 19, 1995
6. **Advances in Nuclear Oncology, Surgical Applications.** SYLVESTER COMPREHENSIVE CANCER CENTER ONCOLOGY GRAND ROUNDS Miami, FL March 3, 1995
7. **Detection of breast carcinoma by Tc-99m labeled Fab' fragment of the anti-CEA antibody** EIGHTY SIXTH ANNUAL MEETING OF AMERICAN ASSOCIATION FOR CANCER RESEARCH. Toronto, Canada March 18, 1995
8. **Indium-111 pentetreotide imaging in lung cancer.** THIRTY SIXTH ANNUAL MEETING OF SOUTH EASTERN CHAPTER OF SOCIETY OF NUCLEAR MEDICINE. Orlando, FL October 20, 1995
9. **Scintimammography techniques.** NUCLEAR MEDICINE GRAND ROUNDS, THE NEW YORK METHODIST HOSPITAL, Brooklyn, NY November 20, 1995
10. **Lymphoscintigraphy: Microanatomy and Techniques.** SCINTIGRAPHY AND OPERATIVE PROBE DETECTION OF RADIOLABELED LYMPH NODES AND NEOPLASMS. Miami, FL February 10, 1996
11. **Antibody and receptor imaging in breast cancer.** NUCLEAR ONCOLOGY; ADVANCES IN DIAGNOSTIC AND THERAPEUTIC APPLICATIONS, Key Biscayne, FL February 12, 1996

12. **Invivo somatostatin receptor localization in breast lesions with In-111 pentetreotide imaging.** NUCLEAR ONCOLOGY; ADVANCES IN DIAGNOSTIC AND THERAPEUTIC APPLICATIONS, Key Biscayne, FL February 12, 1996
13. **Tumor localization with In-111 Pentetreotide in Malignant Melanoma.** NUCLEAR ONCOLOGY; ADVANCES IN DIAGNOSTIC AND THERAPEUTIC APPLICATIONS, Key Biscayne, FL February 12, 1996
14. **Clinical applications of radionuclide breast imaging.** INTERNATIONAL BREAST CANCER CONFERENCE, Miami FL March 3, 1996
15. **Current opinions in the treatment of differentiated thyroid cancer.** SYLVESTER COMPREHENSIVE CANCER CENTER ONCOLOGY GRAND ROUNDS Miami, FL. March 8, 1996
16. **Radioimmunostaging in breast cancer.** 49TH CANCER SYMPOSIUM OF SOCIETY OF SURGICAL ONCOLOGY Atlanta, GA. March 23, 1996
17. **Radioimmunodignosis and therapy.** SOCIETY OF ONCOLOGICAL NURSING MEETING Miami, FL April 17, 1996
18. **Lymphoscintigraphy: Sentinel node localization techniques.** SCINTIGRAPHY AND OPERATIVE PROBE DETECTION OF RADIOLABELED LYMPH NODES AND NEOPLASMS. Miami, FL June 8, 1996
19. **Radioimmunodiagnosis of colorectal cancer; Scintigraphy and intraoperative probe techniques.** SOUTHAMPTON UNIVERSITY GENERAL HOSPITAL SURGICAL GRAND ROUNDS Southhampton, UK July 25, 1996
20. **Radioactive Iodine therapy in Thyroid Cancer.** UNIVERSITY OF MIAMI SCHOOL OF MEDICINE OTOLARYNGOLOGY GRAND ROUNDS, Miami, FL August 8, 1996
21. **Radioactive Iodine Therapy in Thyroid Cancer; The Rationale for High-Dose Therapy.** THYROID CANCER UPDATE AND DOSIMETRY WORKSHOP. Sylvester Comprehensive Cancer Center, Miami, FL November 9, 1996
22. **Bone Marrow and Tumor Dosimetry: The Medical Internal Radiation Dosimetry Methodology.** THYROID CANCER UPDATE AND DOSIMETRY WORKSHOP. Sylvester Comprehensive Cancer Center, Miami, FL November 9, 1996

23. **Sentinel Node Localization and Lymphoscintigraphy Techniques.** INNOVATIONS IN GENERAL SURGERY. Lake Buena Vista, Orlando FL. February 13, 1997
24. Sentinel Node Biopsy in Melanoma and Breast Cancer. HACETTEPE UNIVERSITY ONCOLOGY CONFERENCE, Ankara, Turkey May 12, 1997
25. **Intraoperative Gamma Probe Techniques in Surgical Oncology.** ANKARA UNIVERSITY ONCOLOGY CONFERENCE, Ankara, Turkey May 21, 1997
26. **Sentinel Node Biopsy in Breast Cancer.** AMERICAN COLLEGE OF SURGEONS LOUISIANA CHAPTER MEETING, New Orleans, LA. January 18, 1998
27. **Sentinel Node Biopsy for Breast and Melanoma.** BAPTIST HEALTH SYSTEM WORKSHOP, Birmingham, AL. August 27-28, 1998
28. **Sentinel Node Biopsy in Breast Cancer.** THE NEW YORK HOSPITAL, CORNELL MEDICAL CENTER MULTIDISCIPLINARY CONFERENCE, New York, NY. September 27, 1999
29. **Anti-tumor and Anti-angiogenic Therapy Using Radiolabeled Somatostatin Analogs.** NEW ORLEANS SURGICAL SOCIETY MEETING, New Orleans, LA May 1, 1999
30. **Sentinel Node biopsy in Breast Cancer: Technical Considerations** NEW YORK ACADEMY OF MEDICINE, New York, NY. December 14, 1999
31. **Anti-angiogenic effects of In-111-pentetreotide in an in-vitro human placental vein angiogenesis model** SOCIETY OF NUCLEAR MEDICINE 47th ANNUAL MEETING St. Louis, MO June 3-7, 2000
32. Lymphatic mapping techniques in breast cancer: Functional anatomical considerations SOCIETY OF NUCLEAR MEDICINE 47th ANNUAL MEETING St. Louis, MO June 3-7, 2000
33. **Intraoperative gamma probes and sentinel node detection** SEVENTH ASIA OCEANIA FEDERATION OF NUCLEAR MEDICINE AND BIOLOGY MEETING Istanbul, Turkey. October 2-6, 2000
34. **Anti-tumor and Anti-angiogenic treatment with somatostatin receptor mediated in-situ radiation.** ASSOCIATION FOR ACADEMIC SURGERY 34TH ANNUAL MEETING Tampa, FL. November 2-4, 2000

35. **Comparison of sentinel node localization techniques in breast cancer**
SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING New Orleans, LA February 4-6, 2001
36. **Technical considerations in selecting Intraoperative gamma probes for surgical oncological applications.** SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING New Orleans, LA February 4-6, 2001
37. **Clinical utility of frozen-section in sentinel node biopsy for breast cancer**
SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING New Orleans, LA February 4-6, 2001
38. **Surgical treatment of achalasia: Minimally-invasive Heller myotomy without fundoplication.** SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING New Orleans, LA February 4-6, 2001
39. **Anti-angiogenic treatment with somatostatin receptor mediated in-situ radiation** SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING New Orleans, LA February 4-6, 2001
40. **Sentinel Node: Evolution of techniques and current applications in surgical oncology** SURGERY GRAND ROUNDS, LSUHSC New Orleans, LA December 20, 2001
41. **Expanding the limits of resectability in patients with advanced stage carcinoid tumors** SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING Nashville, TE February 1-5, 2002
42. **Gamma probe-guided lymph node sampling (gamma picking) in differentiated thyroid carcinoma** SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING Nashville, TE February 1-5, 2002
43. **Percutaneous transhepatic extraction of common bile duct stones: An alternative to ERCP** SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING Nashville, TE February 1-5, 2002
44. **Radiofrequency ablation of carcinoid tumor liver metastases: Technical Considerations** SOUTHEASTERN SURGICAL CONGRESS ANNUAL SCIENTIFIC MEETING Nashville, TE February 1-5, 2002
45. **Surgery of malignant disease: The new paradigm** 5TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Kusadasi, Turkey May 1-5 2002

46. **Microanatomy and physiology of lymphatic mapping** 5TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Kusadasi, Turkey May 1-5 2002
47. **Sentinel node biopsy techniques in breast cancer** 5TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Kusadasi, Turkey May 1-5 2002
48. **Evolving applications of sentinel node biopsy** 5TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Kusadasi, Turkey May 1-5 2002
49. **Gamma probe primer** 5TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Kusadasi, Turkey May 1-5 2002
50. **Anti-angiogenic and anti-tumor effects of auger-emitting radiolabeled somatostatin analogs** SOCIETY OF NUCLEAR MEDICINE 49th ANNUAL MEETING Los Angeles, CA June 14-19, 2002
51. **Gamma probe-guided diagnostic peritoneal lavage in detection of bowel perforation** ASSOCIATION OF ACADEMIC SURGERY 36th ANNUAL MEETING Boston, MA November 7-9, 2002
52. **A new In-vitro Assay for Human Tumor Angiogenesis** SOCIETY OF SURGICAL ONCOLOGY 56TH ANNUAL MEETING Los Angeles, CA March 5-9, 2003
53. **Optimization of gamma probe-guided parathyroidectomy.** SOCIETY OF NUCLEAR MEDICINE MEETING New Orleans, LA June 22-25, 2003
54. **The role of FDG-PET in the management of patients with metastatic melanoma: Impact on surgical decision making.** SOCIETY OF NUCLEAR MEDICINE MEETING New Orleans, LA June 22-25, 2003
55. **Tc-99m sulfur colloid intestinal perforation study using a gamma probe.** SOCIETY OF NUCLEAR MEDICINE MEETING New Orleans, LA June 22-25, 2003
56. **Lymphatic Mapping and Sentinel Node Biopsy in Breast cancer** 7th NATIONAL BREAST CANCER CONFERENCE Antalya, Turkey October 14-17, 2004
57. **PET-Guided Surgery** 6TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Cesme, Turkey May 1-5 2004
58. **Sentinel Node Update in Breast Cancer** 6TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Cesme, Turkey May 1-5 2004

59. **Clinical Evaluation of a Novel Surgical Probe Designed for PET Radioisotopes (PET-Probe) in Patients with Metastatic Melanoma.** 40th ANNUAL MEETING OF ASCO New Orleans, LA June 5-8, 2004
60. **New Paradigm in Surgical Oncology: Integration of Molecular Imaging** SOCIETY OF NUCLEAR MEDICINE MEETING Philadelphia, PA June 19-23, 2004
61. **Current Status of Sentinel Node Biopsy in Solid Tumors** SOCIETY OF NUCLEAR MEDICINE MEETING Philadelphia, PA June 19-23, 2004
62. **Technical Challenges and Innovative Solutions in Lymphatic Mapping** SOCIETY OF NUCLEAR MEDICINE MEETING Philadelphia, PA June 19-23, 2004
63. **Understanding and Using Positron Emission Tomography** PRIMARY CARE CANCER UPDATE Middlebury, IN November 5, 2004
64. **Proteomic Analysis of Human Angiogenesis in Tumor and Placental Vein Based Models Using Seldi-TOF Mass Spectrometry** SOCIETY OF SURGICAL ONCOLOGY 58th ANNUAL MEETING Atlanta GA, March 3-6, 2005
65. **Biologic Markers and Tumor Kinetics Correlating with overall and Post-resection Survival in Patients with Metastatic Pulmonary Melanoma** SOCIETY OF SURGICAL ONCOLOGY 58th ANNUAL MEETING Atlanta GA, March 3-6, 2005
66. **Clinical Utility of PET-Probe in Oncologic Surgery** SOCIETY OF SURGICAL ONCOLOGY 58th ANNUAL MEETING Atlanta GA, March 3-6, 2005
67. **Current Concepts in the Management of Differentiated Thyroid Cancer.** ONCOLOGY MINI-SYMPOSIUM-I Goshen, IN April 24, 2005
68. **PET in Oncologic Surgery** POSITRON EMISSION TOMOGRAPHY SYMPOSIUM Ankara, Turkey May 1-4, 2005
69. **The Role of PET Imaging in Melanoma, Breast Cancer and Neuroendocrine Tumors** POSITRON EMISSION TOMOGRAPHY SYMPOSIUM Ankara, Turkey May 1-4, 2005
70. **PET-Probe Guided Surgery** AMERICAN COLLEGE OF SURGEONS INDIANA CHAPTER MEETING Indianapolis, IN May 12-14, 2005

71. **Probe Guided Biopsy/Surgery**, SOCIETY OF NUCLEAR MEDICINE MEETING, Toronto, Canada June 18-23, 2005
72. **Targeted Therapies in Pancreatic Cancer: A Phase I trial of Y-90 hPAM4 Monoclonal Antibody Treatment in Locally Advanced and Metastatic Pancreatic Cancer** ONCOLOGY MINI-SYMPOSIUM-II Goshen, IN June 25, 2005
73. **Y-90 Microsphere Treatment in Metastatic Colorectal Cancer** ONCOLOGY MINI-SYMPOSIUM-III Goshen, IN September 10, 2005
74. **Glut-1 Expression Correlates with Overall and Postresection Survival in Patients with Metastatic Melanoma** EANM 2005 Istanbul, Turkey October 15-19, 2005
75. **Y-90 Labeled Microsphere Administration Via Hepatic Arterial Infusion Pumps: An Ex-vivo Flow Analysis** EANM 2005 Istanbul, Turkey October 15-19, 2005
76. **PET-Probe: Evaluation of Technical Performance and Clinical Utility in Oncologic Surgery** EANM 2005 Istanbul, Turkey October 15-19, 2005
77. **Sentinel Node Applications in Gastrointestinal Cancers** EANM 2005 Istanbul, Turkey October 15-19, 2005
78. **Nuclear Surgery: The Beta Knife** EANM 2005 Istanbul, Turkey October 15-19, 2005
79. **Y-90 Microsphere Treatment of Colorectal Cancer Liver Metastases** EANM 2005 Istanbul, Turkey October 15-19, 2005
80. **PET/CT in Surgical Oncology: Evidence-based Indications and Controversies** SOCIETY OF SURGICAL ONCOLOGY 59th ANNUAL MEETING San Diego CA, March 23-26, 2006
81. **Contemporary Management of Thyroid Cancer** 7TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Antalya, Turkey May 14-17, 2006
82. **Nuclear Surgery: Past, Present and Future** 7TH INTERNATIONAL CONGRESS OF NUCLEAR ONCOLOGY Antalya, Turkey May 14-17, 2006
83. **Radio-guided Minimally Invasive Parathyroidectomy** TURKISH COLLEGE OF SURGEONS 2006 MEETING Antalya, Turkey May 24-28, 2006
84. **PET in Surgical Oncology** TURKISH COLLEGE OF SURGEONS 2006 MEETING Antalya, Turkey May 24-28, 2006

85. **Sentinel Node Update** TURKISH COLLEGE OF SURGEONS 2006 MEETING
Antalya, Turkey May 24-28, 2006
86. **Y-90 Microsphere Treatment: Principles and Clinical Indications.** SOCIETY
OF NUCLEAR MEDICINE MEETING, San Diego, CA June 3-7, 2007
87. **Surgical Treatment of Thyroid Cancer.** SOCIETY OF NUCLEAR MEDICINE
MEETING, San Diego, CA June 3-7, 2006
88. **Nuclear Surgery.** SOCIETY OF NUCLEAR MEDICINE MEETING, San
Diego, CA June 3-7, 2006
89. **Contemporary Management of Colorectal Cancer Liver Metastases**
GASTROINTESTINAL SURGERY POST-GRADUATE COURSE, Istanbul,
Turkey, November 10-11, 2006
90. **PET-CT in Surgical Oncology** GASTROINTESTINAL SURGERY
POSTGRADUATE COURSE, Istanbul, Turkey, November 10-11, 2006
91. **Y-90 Microsphere Treatment of Hepatic Malignancies** MEMORIAL
HOSPITAL GRAND ROUNDS, Istanbul, Turkey, November 12, 2006
92. **Y-90 Microsphere Treatment of Hepatic Malignancies** HACETTEPE
UNIVERSITY ONCOLOGY INSTITUTE SYMPOSIUM, Ankara, Turkey,
November 15, 2006
93. **Management of Differentiated Thyroid Cancer: Guidelines and Perspectives**
2007 ADVOCATE CHRIST HOSPITAL GRAND ROUNDS, Chicago, IL
January 24, 2007
94. **Y-90 Resin Microsphere Selective Internal Radiation Treatment in Primary
and Metastatic Liver Cancer: Objective Response and Therapeutic Ratio
Analysis** AMERICAN HEPATO-PANCREATO-BILIARY ASSOCIATION
2007 ANNUAL MEETING, Las Vegas, NV April 19-22, 2007
95. **Y-90 Microspheres and Chemotherapy, Front-line CEMO-SIRT**
EMERGING TRENDS IN RADIOEMBOLIZATION THIRD ANNUAL
CLINICAL SYMPOSIUM, Chicago, IL May 4-5, 2007
96. **Nuclear Medicine Imaging, Pre & Post-treatment Evaluation** EMERGING
TRENDS IN RADIOEMBOLIZATION THIRD ANNUAL CLINICAL
SYMPOSIUM, Chicago, IL May 4-5, 2007

97. **Nuclear Medicine Imaging** EMERGING TRENDS IN RADIOEMBOLIZATION THIRD ANNUAL CLINICAL SYMPOSIUM, Chicago, IL May 4-5, 2007
98. **A phase-I study of 90Y-hPAM4 (humanized anti-MUC1 monoclonal antibody) in patients with unresectable and metastatic pancreatic cancer** SOCIETY OF NUCLEAR MEDICINE 54TH ANNUAL MEETING, Washington, DC June 2-6, 2007
99. **Biologic determination of absorbed dose estimates in Y-90 microsphere treatment of hepatic malignancies: Significance of tumor perfusion measured by Tc-99m MAA imaging** SOCIETY OF NUCLEAR MEDICINE 54TH ANNUAL MEETING, Washington, DC June 2-6, 2007
100. **Effectiveness of Yttrium-90 microspheres selective internal radiation treatment with concomitant chemotherapy as a front-line treatment in patients with colorectal cancer liver metastases** SOCIETY OF NUCLEAR MEDICINE 54TH ANNUAL MEETING, Washington, DC June 2-6, 2007
101. **Y-90 Microsphere Treatment of Hepatic Malignancies: Technical Considerations** HACETTEPE UNIVERSITY RADIOLOGY/NUCLEAR MEDICINE ROUNDS, Ankara, Turkey, June 22, 2007
102. **Y-90 Microsphere Treatment of Hepatic Malignancies: Dosimetric Considerations** AUSTRALIA NATIONAL UNIVERSITY DEPARTMENT OF APPLIED MATHEMATICS, Canberra, Australia, July 31, 2007
103. **Efficacy of Radioactive Iodine Thyroid Remnant Ablation With rhTSH induction After Total Thyroidectomy in Patients With Differentiated Thyroid Cancer** 79TH ANNUAL MEETING OF THE AMERICAN THYROID ASSOCIATION, New York, NY, October 1 – 5, 2007
104. **Contemporary Concepts in Surgical and Non-Surgical Management of Colorectal Cancer Liver Metastases** OUR LADY OF LAKE HOSPITAL-MARY PERKINS CANCER CENTER GRAND ROUNDS Baton Rouge, LA, October 19, 2007
105. **PET/CT: A New Paradigm in Oncologic Diagnosis and Therapy** PET AND MOLECULAR IMAGING SYMPOSIUM IN CLINICAL ONCOLOGY Ankara, Turkey, December 7-9, 2007
106. **PET/CT in the Treatment Planning of Patients with Colorectal Cancer** PET AND MOLECULAR IMAGING SYMPOSIUM IN CLINICAL ONCOLOGY Ankara, Turkey, December 7-9, 2007

107. **Understanding and Managing Metastatic Liver Disease: New Paradigm in Oncologic Imaging and Therapy** FLORIDA INTERNATIONAL UNIVERSITY COLLEGE OF MEDICINE INVITED LECTURE Miami, FL
January 25, 2008

108. **Combining Y-90 Microspheres with Front-Line Chemotherapy for Colorectal Cancer: Initial Results** 2nd EUROPEAN SYMPOSIUM ON LIVER-DIRECTED CANCER THERAPY USING MICROSPHERES Rome, Italy
February 9-11, 2008

ADMINISTRATIVE / ACADEMIC

Administration and committees

Nuclear Oncology Research Program Coordinator,
University of Miami, July 1994 – June 1997

Institutional Review Board Member,
University of Miami, December 1996 – June 30, 1997

Medical Center of Louisiana New Orleans Cancer Committee member,
Louisiana State University Health Sciences Center, July 2000 – June 2002

Co-chairman, Task force for Intraoperative gamma-probe standards and QA.
June 2000-June 2001

Data Safety Monitoring Board member, Multicenter SIRFLOX Trial
May 2007-Present

Continuous Medical Education Proceedings

1. Program Chairman, THYROID CANCER UPDATE AND DOSIMETRY WORKSHOP, University of Miami, November 9, 1996
2. Program Chairman, LYMPHATIC MAPPING AND SENTINEL NODE BIOPSY WORKSHOP, 5th International Congress of Nuclear Oncology, Kusadasi, Turkey May 1-5 2002
3. Program Organizer, THE ROLE OF NUCLEAR MEDICINE IN SURGICAL ONCOLOGY PRACTICE, Society of Nuclear Medicine Meeting, Philadelphia, PA June 19-23, 2004
4. Program Director, ONCOLOGY MINI SYMPOSIUM I: Thyroid Cancer. Center for Cancer Care at Goshen Health System. April 24, 2005
5. Program Organizer, PROBE GUIDED BIOPSY/SURGERY, Society of Nuclear Medicine Meeting, Toronto, Canada June 18-23, 2005
6. Program Director, ONCOLOGY MINI SYMPOSIUM II: Pancreatic Cancer. Center for Cancer Care at Goshen Health System. June 25, 2005
7. Program Director, ONCOLOGY MINI SYMPOSIUM III: Metastatic Colorectal cancer. Center for Cancer Care at Goshen Health System. September 10, 2005

8. Program Organizer, PET/CT IN SURGICAL ONCOLOGY SYMPOSIUM. Society of Surgical Oncology 59th Annual Meeting San Diego CA, March 23-26, 2006
9. Program Organizer, CONTEMPORARY MANAGEMENT OF THYROID CANCER, Society of Nuclear Medicine Meeting, San Diego, CA June 3-7, 2006
10. Program Director, RADIOMICROSPHERE THERAPY 4th CLINICAL SYMPOSIUM, Chicago, IL *May 2-3, 2008*
11. Program Organizer, RADIOMICROSPHERE THERAPY CME COURSE Society of Nuclear Medicine Meeting, New Orleans, LA *June 14-18, 2008*

Editorial

- Reviewer, Journal of Nuclear Medicine 1994 – present
- Reviewer/Commentator, Journal of Translational Medicine 2004-present
- Editorial Board, Journal of Interventional Oncology 2008

PROFESSIONAL ORGANIZATIONS AND MEMBERSHIPS

- Turkish Medical Association (1984)
- American Medical Association (1989)
- New York Academy of Sciences (1989)
- **Society of Nuclear Medicine (1991)**
- Turkish-American Medical Association:
Founder and former president (1992)
- **American College of Nuclear Physicians (1992)**
- Southern Medical Association (1997)
- **American College of Surgeons (Fellow) (2006)**
- **Society of Surgical Oncology (2003)**

HONORS AND AWARDS

- Winner of Resident's Paper Competition
The American College of Surgeons Commission on Cancer, 1997
- Mallinckrodt Award for Research and Development in Nuclear Medicine
The Society of Nuclear Medicine, 1998
- Winner of General Surgery Research Presentations
LSUHSC Department of Surgery, 1999
- US Patent
In-vitro Three-dimensional Human Tumor Angiogenesis Assay, 2005
- Winner of Gold Medal Forum
Southeastern Surgical Congress Annual Scientific Meeting, 2001
- Most Accomplished Resident Award
LSUHSC Rives Society, 2001
- ASCO Foundation Merit Award
ASCO Foundation, 2004
- Best Physician Initiation Award
Goshen Health System, 2006