

CURRICULUM VITAE
Jose Antonio Obando, MD

Contact Information: E-mail: Jaobando7@gmail.com

Position: Associate Professor
Diagnostic Radiology
Nuclear Medicine and Molecular Imaging

Education:

1972 - 1978 M.D. National University of Colombia School of Medicine

Career/Academic Appointments:

Residency

1978 Rotating Internship, San Rafael Hospital, Tunja, Colombia.

1982 – 85 Resident in General Surgery, National Cancer Institute, Bogota, Colombia.

1984 – 85 Chief Resident in General Surgery, National Cancer Institute, Bogota, Colombia.

1992 - 95 Resident in General Surgery, University of Connecticut Surgical Residency Program. Farmington, Connecticut.

1997 - 01 Resident in Radiology, Hartford Hospital, Hartford, Connecticut.

Fellowships

1986 - 88 Fellow in Surgical Oncology, National Cancer Institute, Bogota, Colombia.

1990 - 92 Research Fellow in Surgical Oncology, Biological Cancer Therapy. Brigham and Women's Hospital, Boston, Massachusetts.

1995 - 96 Fellow in Surgical Nutrition and Metabolism, Nutrition Support Service, New England Deaconess Hospital, Boston, Massachusetts.

2001 – 02 Clinical Fellow in Nuclear Radiology, Yale-New Haven Hospital, New Haven, Connecticut.

Hospital Appointments

1979 – 80 Carupa Hospital, Cundinamarca, Colombia, Rural government service.

1980 - 82 El Salvador Hospital of Ubate, Cundinamarca, Colombia, Attending physician, surgical service, and coordinator of medical education.

1985 - 89 Colombian Cancer League, Bogota, Colombia, Attending surgical oncologist.

1986 - 86 Centro Medico de Los Andes, Fundacion Santafe, Bogota, Colombia. Attending surgeon at the Emergency Department.

2002 – 2019 West Haven Veterans Hospital, West Haven Connecticut Attending Radiologist.

Academic Appointments

1988 - 88 National Cancer Institute, Bogota, Colombia. Instructor in Surgical Oncology.

1989 - 89 National Cancer Institute, Bogota, Colombia. Attending Surgical Oncologist. Breast Cancer and Soft Tissue Tumors Group.

2002 – 2004 Clinical Instructor Dept. of Radiology. Yale University School of Medicine. New Haven, CT

2004 – 2006 Clinical Assistant Professor Dept. of Radiology. Yale University School of Medicine. New Haven, CT

2006 – 2017 Assistant Professor Dept. of Radiology. Yale University School of Medicine. New Haven, CT

2017 – 2020 Associate Professor Dept. of Radiology. Yale University School of Medicine. New Haven, CT

Administrative Positions:

2004 – 2019 Chief, Nuclear Medicine Division. VA Connecticut Healthcare System. West Haven, CT

2003 – 2019 Authorized User (NRC). Nuclear Medicine Division. VA Connecticut Healthcare System. West Haven, CT

Board Certification:

ECFMG permanent certificate 335-852-0.

License: Connecticut MSP-18. 2003 - 2020

American Board of Radiology, Certification in Diagnostic Radiology, June 12 2002.

American Board of Radiology Certificate of Competence in Nuclear Radiology, November 2003.

American Board of Radiology Recertification in Nuclear Radiology (MOC), December 31, 2013. Fulfilling ABR MOC requirements as 2021.

Professional Honors & Recognition:

International/National/Regional

- 2019. Colombian Association of Nuclear Medicine. Recognition for Continued Academic Support. Bucaramanga, Colombia.
- 2018. Hollman & Kaplan Award. Society of Nuclear Medicine and Molecular Imaging. New England Chapter.
- 2010. Finalist in the Educational Exhibit category. Society of Nuclear Medicine Annual Meeting. Salt Lake City. Segmental anatomy of liver by PET/CT: A Pictorial Review for Nuclear Medicine Physicians. Manijeh Zehtabchi and **Antonio Obando**

Yale University

- 2013: Teacher of the year in Nuclear Medicine. Yale Diagnostic Radiology
- 2012: Special Award for Recognition in Teaching. Yale Diagnostic Radiology
- 2011: Special Award for Recognition in Teaching. Yale Diagnostic Radiology
- 2009: Special Award for Recognition in Teaching. Yale Diagnostic Radiology

Hospital

2020: Recognition Award and Certificate of Appreciation for 17 years of dedicated service to the VA Multidisciplinary Tumor Board. Cancer Center. West Haven VA Hospital, CT.

Grant History:

Past Clinical Trials:

Agency: Bristol Myers Squibb

Title: "A Randomized Double-Blind Phase 3 Trial Comparing Docetaxel Combined with Dasatinib to Docetaxel Combined with Placebo in Castration-Resistant Prostate Cancer"

PI: Herta Chao

Percent effort: 3%

Project ID: (CA 180227

Project Period: 2010-2011

Total cost for project period: 17,468/patient

Project period: 5/2009 – 8/2012

Agency: Mallinckrodt

Title: "Neutrospec in the Evaluation of Prosthetic Infection and Diabetic Foot"

P.I.: J. Antonio Obando, M.D.

Percent effort: 10%

Total costs for project period: \$100,000

Project period: 10/01/2005

Agency: Mallinckrodt

Title: "Neutrospec in the Evaluation of Inflammatory Bowel Disease"

P.I.: Phillip Kuo, M.D.

Percent effort: 10%

Total costs for project period: \$100,000

Project period: 10/01/2005.

Invited Speaking Engagements, Presentations, Symposia & Workshops not affiliated with Yale:

Lectures, Courses – International/National

2020. International Conference on Molecular Imaging and Clinical PET/CT (IPET 2020). Virtual. International Atomic Energy Agency. Immunotherapy Response Evaluation with CT and PET/CT. Plenary Session.

2020. International Conference on Molecular Imaging and Clinical PET/CT (IPET 2020). Virtual. International Atomic Energy Agency. Virtual. Plenary Session Panel.

2019. XVII Colombian Congress of Nuclear Medicine. Bucaramanga. Colombia. FDG PET/CT in Bladder Malignancies, Hypometabolic Lesions in the chest and Lymphoma. Read With the Experts (RWE).
2019. XVII Colombian Congress of Nuclear Medicine. Bucaramanga. Colombia. Oncologic uses of FDG PET/CT, Panel.
2018. Hollman & Kaplan Lectureship Award. Society of Nuclear Medicine and Molecular Imaging, New England Chapter. The Use of FDG PET/CT in Lymphoma and Application of the New Criteria.
2018. XX Colombian Cancer Congress. ASOPROCANCER. Barranquilla, Colombia. FDG PET/CT Evaluation After SBRT for Lung Cancer.
2018. XX Colombian Cancer Congress. ASOPROCANCER. Barranquilla, Colombia. Plenary session. Guidelines for the Use of FDG PET/CT in Therapy Evaluation After Immunotherapy for Lung Cancer.
2017. XVI Colombian Congress of Nuclear Medicine. Medellin. Colombia. FDG PET/CT in Urinary Malignancies.
2017. XVI Colombian Congress of Nuclear Medicine. Medellin. Colombia. FDG PET/CT in Lymphoma. Staging, Restaging and Therapy Evaluation.
2016. Thirtieth Northeast Meeting. Society of Nuclear Medicine and Molecular Imaging. Stamford, CT. CT and PET/CT Evaluation After Radiation Therapy for Lung Cancer.
- 2016: PET CT Course. Read with the Experts. National Cancer Institute, Bogota, Colombia. The use of FDG PET/CT in Gastrointestinal Malignancies.
- 2016: PET CT Course. Read with the Experts. National Cancer Institute, Bogota, Colombia. Indications of FDG PET/CT in Breast cancer.
- 2016: PET CT Course. Read with the Experts. National Cancer Institute, Bogota, Colombia. Molecular Imaging of Prostate Cancer.
- 2016: AEXMUN XVII Congress. Basic and Clinical Sciences, Imaging Symposium. Bogota, Colombia. Peritoneal Neoplastic Disease, CT and PET/CT imaging.
- 2016: AEXMUN XVII Congress. Basic and Clinical Sciences, Imaging Symposium. Bogota, Colombia. Lung Cancer Imaging 2016.
- 2016: AEXMUN XVII Congress. Basic and Clinical Sciences, Imaging Symposium. Bogota, Colombia. Current Concepts in Bone Metastasis Imaging.

- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. Current Concepts in Bone Metastasis Imaging.
- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. Elements of Good PET/CT Oncology reports.
- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. FDG PET/CT Artifacts.
- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. RECIST and PERCIST.
- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. FDG PET/CT in Head and Neck Cancer.
- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. FDG PET/CT in Lymphoma.
- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. Lung Cancer Screening.
- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. Intravenous Contrast in FDG PET/CT, Why, When and How?
- 2015: Role of Hybrid Imaging Technologies in Nuclear Oncology - Basic Concepts and Applications. International Atomic Energy Agency. Asia and Pacific Course. Yangon, Myanmar. Introduction to FDG PET/CT Oncologic Imaging.
- 2015: Colombian Cancer Congress Asoprocancer, Bogota. Colombia. The use of Radium – 223 in Symptomatic Bone metastasis.
- 2015: Colombian Cancer Congress Asoprocancer, Bogota. Colombia. Oncologic Indications of SPECT/CT.
- 2015: Colombian Cancer Congress Asoprocancer, Bogota. Colombia. Lung Cancer Imaging 2015.

- 2014: Society of Nuclear Medicine. 28th Northeast Scientific Meeting. Stamford, CT. Current Concepts in Evaluation of Bone Metastasis.
- 2014: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Abdomen CT for Hybrid Modalities. Spanish.
- 2014: International Cancer Congress. National Cancer Institute 80 years, Bogota Colombia. Use of PET/CT in Breast Cancer
- 2014: International Cancer Congress. National Cancer Institute 80 years, Bogota Colombia. CT and PET/CT Evaluation of Peritoneal Carcinomatosis.
- 2014: International Cancer Congress. National Cancer Institute 80 years, Bogota Colombia. Lymphoma, PET/CT Therapy Evaluation.
- 2014: International Cancer Congress. National Cancer Institute 80 years, Bogota Colombia. Current Concepts in Bone Metastasis Imaging.
- 2014: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Abdomen CT for Hybrid Modalities. English.
- 2014: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Evaluation of Spinal Metastasis in CT for Hybrid Modalities. English.
- 2013: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Head and Neck CT for Hybrid Modalities. Spanish.
- 2013: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Head and Neck CT for Hybrid Modalities. English.
- 2013: Colombian Association of Nuclear Medicine. Annual Meeting. Barranquilla Colombia. PET/CT in Head and Neck Tumors.
- 2013: Colombian Association of Nuclear Medicine. Annual Meeting. Barranquilla Colombia. Lung Nodules for the Nuclear Medicine Physician.
- 2013: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Chest CT for Hybrid Modalities. Spanish.
- 2013: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Chest CT for Hybrid Modalities. English.
- 2013: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Abdomen CT for Hybrid Modalities. Spanish.

- 2013: Society of Nuclear Medicine and Molecular Imaging/International Atomic Energy Agency. International Webinar. Abdomen CT for Hybrid Modalities. English.
- 2013: Society of Nuclear Medicine Annual Meeting. Vancouver, Canada. Head and Neck 2, Scientific Session. Co-moderator.
- 2013: Society of Nuclear Medicine Annual Meeting. Vancouver, Canada. Head and Neck 1, Scientific Session. Co-moderator.
- 2012: Society of Nuclear Medicine. 26th Northeast Regional Scientific Meeting. Stamford, CT. Program Director.
- 2012: Hands on Intensive Clinical PET/CT course. International Atomic Energy Agency. National Cancer Institute. Bogota, Colombia.
- 2012: Clinical PET/CT Course. International Atomic Energy Agency. National Cancer Institute. Bogota, Colombia. "Cross-sectional Anatomy of the Chest for Hybrid Imaging".
- 2012: Clinical PET/CT Course. International Atomic Energy Agency. National Cancer Institute. Bogota, Colombia. "Head and Neck Cross-sectional Anatomy for Hybrid Imaging".
- 2012: Clinical PET/CT Course. International Atomic Energy Agency. National Cancer Institute. Bogota, Colombia. "PET/CT Therapy evaluation in Lymphoma".
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay PET/CT in Pelvic Malignancies
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. Cases Presentation.
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. Head and Neck Cross-sectional Anatomy.
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. Abdomen and Pelvis Cross-sectional Anatomy.
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. PERCIST.

- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. PET/CT Artifacts.
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. Head and Neck Cross-sectional Anatomy.
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. PET/CT Reporting.
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. Chest Cross-sectional Anatomy.
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. Intravenous Contrast in PET/CT, Why, When and How?
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. Use of PET/CT in Head and Neck Cancer.
- 2012: Regional Training Course of PET/CT Clinical Applications for Nuclear Medicine Physicians in Latin America. International Atomic Energy Agency. Montevideo, Uruguay. Head and Neck Cross-sectional Anatomy.
- 2012: Society of Nuclear Medicine Annual Meeting. Miami Fl. Head and Neck 2, Scientific Session. Co-moderator
- 2012: Mexican Federation of Nuclear Medicine Annual Congress. Mexico City, Mexico. "Abdomen and Pelvis, Cross-sectional Anatomy".
- 2012: Mexican Federation of Nuclear Medicine Annual Congress. Mexico City, Mexico. "Chest, Cross-sectional Anatomy".
- 2012: Mexican Federation of Nuclear Medicine Annual Congress. Mexico City, Mexico. "Head and Neck, Cross-sectional Anatomy".
- 2012: Mexican Federation of Nuclear Medicine Annual Congress. Pre-Congress Course: Neuroendocrine Tumors. International Atomic Energy Agency. Mexico City, Mexico. "Neuroendocrine Tumors, Follow up with PET/CT".
- 2012: Mexican Federation of Nuclear Medicine Annual Congress. Pre-Congress Course: Neuroendocrine Tumors and Neuropeptide Therapies. International Atomic Energy

- Agency. Mexico City, Mexico. “Radioimmunotherapy for Lymphoma, Follow up with PET/CT.
- 2012: PET/CT Update Conference. “The Use of PET/CT in Lymphoma”. Hospital Clinica del Country. Bogota, Colombia.
- 2012: PET/CT Update Conference. “PET/CT in Head and Neck Tumors”. Hospital Clinica del Country. Bogota, Colombia.
- 2012: PET/CT Update Conference. “The Use of PET/CT in Gastrointestinal Malignancies”. Hospital Clinica del Country. Bogota, Colombia.
- 2012: PET/CT Update Conference. “PET/CT in Lung Cancer”. Hospital Clinica del Country. Bogota, Colombia.
- 2012: PET/CT Update Conference. “The Anatomy of PET/CT Report”. Hospital Clinica del Country. Bogota, Colombia.
- 2012: PET/CT Introduction for Radiologists. Lecture. Hospital Clinica del Country. Bogota, Colombia.
- 2011: International Conference in PET/CT and Molecular Medicine. International Atomic Energy Agency, Vienna, Austria. “Cross-sectional Anatomy: Head and Neck”.
- 2011: International Conference in PET/CT and Molecular Medicine. International Atomic Energy Agency, Vienna, Austria. “Cross-sectional Anatomy: Chest”.
- 2011: International Conference in PET/CT and Molecular Medicine. International Atomic Energy Agency, Vienna, Austria. “Cross-sectional Anatomy: Abdomen and pelvis”.
- 2011: International Conference in PET/CT and Molecular Medicine. International Atomic Energy Agency, Vienna, Austria. Session Chair: “PET/CT in therapy Response, Cost Effectiveness and PET/CT in Pediatrics”.
- 2011: Society of Nuclear Medicine. 25th Northeast Scientific Meeting. Newport, Rhode Island. New Approaches and Hot Topics: “New Strategies for Evaluating Pulmonary Nodules”.
- 2011: International Atomic Energy agency, Vienna, Austria. Standard operating procedures in PET/CT in Clinical Practice. Experts Consultants Meeting.
- 2010: International Atomic Energy agency, Vienna, Austria. Standard operating procedures in PET/CT in Clinical Practice. Experts Consultants Meeting.
- 2010: National Cancer Institute, Bogota, Colombia. PET/CT symposium. “Guide to understand the PET/CT Report”.

- 2010: National Cancer Institute, Bogota, Colombia. PET/CT symposium. "Use of PET/CT in Head and Neck Tumors"
- 2010: National Cancer Institute, Bogota, Colombia. PET/CT symposium. "Use of PET/CT in Common Oncologic problems"
- 2010: Clinical PET/CT course. International Atomic Energy Agency. Bogota, Colombia. "Basic PET/CT imaging".
- 2010: Clinical PET/CT course. International Atomic Energy Agency. Bogota, Colombia. "PET/CT Reporting"
- 2010: Clinical PET/CT course. International Atomic Energy Agency. Bogota, Colombia. "PET/CT artifacts".
- 2010: Clinical PET/CT course. International Atomic Energy Agency. Bogota, Colombia. "Clinical Applications of PET/CT".
- 2010: Society of Nuclear Medicine. 24th Northeast Regional Scientific Meeting. Philadelphia, PA. Program Director.
- 2009: International Cancer Congress. Bogota Colombia. "Introduction to PET imaging".
- 2009: International Cancer Congress. Bogota Colombia. "PET Oncologic Applications".
- 2009: International Cancer Congress. Bogota Colombia. "Everything that you need to know about PET/CT imaging in Lung Cancer".
- 2009: International Cancer Congress. Bogota Colombia. Carlos Rey Leon Memorial Lecture: "The use of PET/CT in Colorectal Tumors"
- 2000: Meeting of the National Cancer Institute Alumni Association, Bogota, Colombia Bogota, Colombia. "MRI imaging of the Breast.
- 2000: Meeting of the National Cancer Institute Alumni Association, Bogota, Colombia "Melanoma in Black and White."
- 1995: Colombian Congress of Cancerology. Cali, Colombia. "Cytokines, Nutrition and Cancer", and Biologic Therapy of Cancer.
- 1995: Colombian Congress of Cancerology. Cali, Colombia. "Biologic Therapy of Cancer".
- 1993: Colombian Congress of Cancerology. Popayan, Colombia. "Advances in Breast Cancer".
- 1993: Colombian Congress of Cancerology. Popayan, Colombia. "Treatment of Malignant Melanoma".

- 1993: Colombian Congress of Cancerology. Popayan, Colombia. Soft Tissue Sarcomas, Diagnosis and Treatment”.
- 1991: Surgical Grand Rounds. National Cancer Institute. Bogota, Colombia. "Advances in the Management of Melanoma".
- 1989: Colombian Surgical Society, Monthly Meeting. Guest Speaker. Bogota, Colombia. “The Role of the Surgeon in Hodgkin's Disease”.

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale

- 2019: PET/CT in Evaluating Lymphoma: Quick Reference Guide for Lugano Classification. **Guo Y. and Obando A.** American Roentgen Ray Society Annual Meeting, Honolulu, HI, 2019.
- 2016: Radiation Injury of the Lung After Stereotactic Body Radiation Therapy (SBRT) for Lung Cancer. CT and PET/CT Imaging. **Antonio Obando.** J Nucl Med May 1, 2016 vol. 57 no. supplement 2 1298.
- 2015: Low dose screening CT in a veteran cohort detects more nodular abnormalities and more cancers than in other studied populations KA Lerz, K Akgün. **A. Obando** et al. American Thoracic Society Annual Meeting 2015.
- 2015: SPECT/CT Guided Preoperative Radiotracer Localization of Nonpalpable Lung Nodules. Educational Exhibit. **J. Antonio Obando,** Gowthaman Gunabushanam, Anthony Kim, and George Tellides. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. 2015
- 2014: Review of Radiographic Characteristics of Pulmonary Nodules and Management Algorithm for Nuclear medicine Physicians. Daniel Thut and **Antonio Obando.** J Nucl Med. 2014; 55 (Supplement 1):1311
- 2014: Diagnosing Osteomyelitis in the Diabetic Foot: The Sensitivity and Specificity of Tc99m WBC-Labeled SPECT/CT. Przybylski MM, Holloway S, Vyce SD, **Obando A** – ACFAS meeting 2014
- 2012: In-111-DTPA Cisternography with SPECT/CT for the Evaluation of Normal Pressure Hydrocephalus. Thut D, A Kreychman and **A Obando.** J Nucl Med. 2012; 53 (Supplement 1):1053
- 2012: Pharmacologic interventions in PET/CT imaging: Indications and imaging protocols. A Kreychman and **A Obando.** J Nucl Med. 2012; 53 (Supplement 1):1036
- 2011: Pattern Recognition of Renal FDG Uptake in PET CT. Pictorial Review. D. Ersahin and **J A Obando.** J Nucl Med. 2011; 52 (Supplement 1):1031.
- 2010: Segmental Anatomy of the Liver by PET CT for the Nuclear Medicine Physician. A Pictorial Review. M. Zehtabchi, **A. Obando** JNM supplement. Vol 51:184P, May 2010.

2008: FDG PET/CT Imaging of Renal and Perinephric Masses. **A Obando** and D Ersahin. J. Nucl Med 2008; 50 (supplement 2):1073.

2006: Unusual Prostate Metastasis to de Brain: ProstaScint, CT and MRI Findings. N Shetty-Alva and **A Obando**. J. Nucl Med 2006; 47 (Supplement1) : 248.p.

2007: Development of a Task Group for Radioiodine Therapy. L.J. Daley and **J.A. Obando**. J Nucl Med 2007; 48 (Supplement 2): 467 p.

1992: Immunomodulatory Effects of Anti-Angiogenesis Therapy in Murine Tumors. **Obando J.A.**, Cusack J.C., Eberlein T.J., and Schoof D.D. Proceedings Eighty-third Annual Meeting of the American Association of Cancer Research, 1992; 33: 456.

1992: LAK Cells as preventive treatment of sepsis related in a burn mouse model. M.V. Mendes, R.G. Molloy, D.S. O'Riordain, R.G. Holzheimer, M.S. Nestor, **J.A.Obando**, I. Saprochetz, J.A. Mannick and M.L. Rodrick. The FASEB Journal 1992, vol 6, 4: 2313.

1992: Inflammatory Carcinoma of the Breast. Diego Arboleda, **J. Antonio Obando**. Library of The National Cancer Institute, Bogota, Colombia, 1992.

1992: Excision of the Major Duct System of the Breast. Hernando Yepes, **J. Antonio Obando**. Library of The National Cancer Institute, Bogota, Colombia, 1992.

1991: Sarcomas in Infancy and Childhood. Juan Zea, **J. Antonio Obando**. Library of The National Cancer Institute, Bogota, Colombia, (Chapter), 1991.

1990: Needle Localization in Nonpalpable Breast Abnormalities. **J. Antonio Obando**, Robert Beazley, Maureen Kavanah. Proceedings of The New England Cancer Society Meeting. Newport, R.I. 1990.

1989: Phillodes Tumor. **Obando J.A.**, Sarmiento J., 1989. Library of the National Cancer Institute, Bogota, Colombia.

1987: Synovial Sarcoma. Rodrigo Burgos, **J. Antonio Obando**, Rafael Gutierrez. Presented to the VII Congress of Cancerology, (Abstract). Bogota, October 1987.

1987: Strategies to Decrease Intraoperative Infections. Jaime Gomez, **J. Antonio Obando**. Boletin Epidemiologico, National Cancer Institute, Bogota, Colombia. Dec 1987; 4: 1-2

1987: Retroperitoneal Liposarcoma. **J. Antonio Obando**, Jaime Figueroa, Jaime Gomez. Presented to the VII Colombian Congress of Cancerology, (Abstract). Bogota, October 1987.

1986: Staging Laparotomy in Hodgkin's Disease. **J. Antonio Obando**, Jaime Gomez, Juan Zea. Presented to the XXV Congress of the Colombian College of Surgeons, (Abstract). Cartagena, Colombia, May 1986.

Professional Service

Journal Service:

2017-present Reviewer Revista Colombiana de Cancerologia

2010-present Reviewer Clinical Gastroenterology

Professional Service for Professional Organizations

Society of Nuclear Medicine and Molecular Imaging

2018-2019 Society of Nuclear Medicine and Molecular Imaging. New England Chapter. Immediate Past President.

2017-2018 Society of Nuclear Medicine and Molecular Imaging. New England Chapter. President.

2015-2016 Society of Nuclear Medicine and Molecular Imaging. New England Chapter. President Elect.

2016-2018 Member. Society of Nuclear Medicine and Molecular Imaging. Committee on Chapters.

2013-present Member. Society of Nuclear Medicine and Molecular Imaging, Correlative Imaging Council.

2008-2017 Councilor for Connecticut. New England Chapter. Society of Nuclear Medicine and Molecular Imaging.

2006-present Member. Society of Nuclear Medicine and Molecular Imaging.

2006-present Member, Society of Nuclear Medicine and Molecular Imaging. PET Center of Excellence.

2006-present Member. Society of Nuclear Medicine and Molecular Imaging. New England Chapter.

2019-present Corresponding member. European Society of Hybrid Imaging ESHI.

2020 Corresponding member. European Society of Radiology.

2006-2019 Member. VA Nuclear Medicine Chiefs Association.

1989- present Member. Colombian Surgical Society.

1988-present Member, Colombian Society of Cancerology.

Meeting Planning/Participation

2019. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. Anaheim CA. Lung Cancer Scientific Sessions. Abstract reviewer.

2018. 32nd Northeast Regional Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Newport, RI. Judge, scientific posters

2018. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. Philadelphia, PA. Lung Cancer Scientific Sessions. Abstract reviewer.

2018. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. Philadelphia, PA. General Nuclear Medicine posters. On-site judge.

2017. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. Denver. CO. Oncology posters. On-site judge.

2017. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. Denver, CO. Lung Cancer Scientific Sessions. Abstract reviewer.

2016. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. San Diego, CA. Lung Cancer Scientific Sessions. Abstract reviewer.

2016. Thirtieth Northeast Regional Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Stamford, CT. Judge, scientific posters.

2015. Twenty ninth Northeast Regional Meeting. Society of Nuclear Medicine and Molecular Imaging Northeast Regional Meeting. Greater New York and New England Chapters. Newport RI. Chair, Scientific Program Committee.

2015. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. Baltimore MD. Head and Neck and Gastrointestinal, Scientific Sessions. Abstract reviewer.

2014. Twenty eighth Northeast Regional Meeting. Society of Nuclear Medicine and Molecular Imaging Northeast Regional Meeting. Greater New York and New England Chapters. Stamford, CT. Chair, Scientific Program Committee.

2014. Twenty eighth Northeast Regional Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Stamford, CT. Judge, scientific posters.

2014. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. St. Louis, MO. Clinical Oncology posters. On-site judge.

2014. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. St. Louis, MO. Head and Neck and Gastrointestinal, Scientific Sessions. Abstract reviewer.
2013. Twenty seventh Northeast Regional Meeting. Greater New York and New England Chapters. Mystic, CT. Chair, Scientific Program Committee.
2013. Twenty seventh Northeast Regional Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Mystic, CT. Judge, scientific posters.
2013. Society of Nuclear Medicine and Molecular Imaging Annual Meeting. Vancouver, Canada. Head and Neck, Scientific Session. Abstract reviewer.
2012. Twenty sixth. Northeast Regional Scientific Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Stamford, CT. Chair, Scientific Program Committee.
2012. Twenty sixth Northeast Regional Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Stamford, CT. Judge, scientific posters.
2012. Society of Nuclear Medicine Annual Meeting. Miami, FL. Head and Neck, Scientific Session. Abstract reviewer.
2011. Twenty fifth Northeast Regional Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Newport, RI. Judge, scientific posters.
2011. Twenty fifth Northeast Regional Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Newport, RI. Chair, Scientific Program Committee.
2010. Twenty fourth. Northeast Regional Meeting. Society of Nuclear Medicine. Greater New York and New England Chapters. Philadelphia, PA. Chair, Scientific Program Committee.

Yale University Service:

University Committees

- 2019-2020 Member. Yale University Radioactive Investigational Drug Committee.
- 2016-2020 Member. Yale University Radioactive Drug Regulatory Committee.

Departmental Committees

- 2007- 2020 Member, Education Committee Nuclear Medicine Residency Program Residency Program Yale New Haven Hospital.
- 2013- 2020. Member, Clinical Competence Committee Nuclear Medicine Residency Program Yale New Haven Hospital.

Hospital Boards & Committees

- 2008-2019 Member, Pulmonary Nodule Board. Veterans Affairs Healthcare System. West Haven, CT
- 2004-2019 Chairman, Radiation Safety Committee, Veterans Affairs Healthcare System. West Haven, CT
- 2004-2019 Director, Radionuclide Therapy Task Force. Veterans Affairs Healthcare System. West Haven, CT
- 2002-2019 Permanent Radiologist, Tumor Board. Veterans Affairs Healthcare System. West Haven, CT

Public Service:

- 2004-2020 Medical Advisor. School of Radiological Technology and Nuclear Medicine Technology. Gateway Community College. West Haven, Connecticut.

International

- 2010-present Expert Consultant and speaker in PET/CT, International Atomic Energy Agency. Vienna, Austria.

Bibliography:

Peer-Reviewed Manuscripts

1. The Biological effects of immunosuppression on cellular immunotherapy. D.D. Schoof, A.F. Massaro, **J.A Obando**, J.C. Cusack, and T. J. Eberlein. *Surgical Oncology* 1992; 1: 27-35.
2. Lymphokine activated killer cells enhance IL-2 prevention of sepsis-related death in a murine model of thermal injury. Mendez MV1, Molloy RG, O'Riordain DS, Holzheimer RG, Nestor MS, **Obando A**, Saporoschetz I, Schoof DD, Mannick JA, Rodrick ML. *J Surg Res.* 1993 Jun;54(6):565-70

3. Secondary Cytokine Production by Lymphoid Cells Used in Cellular Immunotherapy. D.D. Schoof, P. Hunt, **J.A. Obando**, J.C. Cusack, Valerie Andrews, Y. Terashima and T.J. Eberlein. *Surgical Oncology* 1992; 1:163-172.
4. The Influence of Angiogenesis Inhibitor AGM-1470 on Immune System Status and Tumor Growth In Vitro. Deric D. Schoof, **J. Antonio Obando**, James Cusack, Peter Goedegebuure, Harold Brem and Timothy Eberlein. *Int. J. Cancer*: 55, 630-635 (1993).
5. Lymphokine Activated Killer Cells Enhance IL-2 Prevention of Sepsis-Related Death in a Murine Model of Thermal Injury. M.V. Mendez, R.G. Molloy, D.S. O'Riordain, R.G. Holzheimer, M.S. Nestor, **A. Obando**, I. Saporoschetz, D.D. Schoof, J.A. Mannick, and M.L. Rodrick. *Journal of Surgical Research* 54, 565-570 (1993)
6. A Comparison of Methotrexate, Fluorouracil (MF) vs. Cyclophosphamide, Methotrexate, and Fluorouracil (CMF) Adjuvant Chemotherapy in Breast Cancer Patients with One to Three Positive Axillary Nodes., Shapiro C.L., Gelman R., Hayes D.F., Osteen R., **Obando J.A.**, Canellos G., Frei E., and Henderson I.C. *Journal of the National Cancer Institute*. 1993 May 19;85(10):812-7.
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