

## Prof. LÜTFİYE ÖZLEM ATAY

### Personal Information

**Office Phone:** [+90 312 202 4544](tel:+903122024544) Extension: 202 6161

**Email:** [ozlematay@gazi.edu.tr](mailto:ozlematay@gazi.edu.tr)

**Web:** <https://avesis.gazi.edu.tr/ozlematay>

**Address:** Gazi Üniversitesi Sağlık Araştırma ve Uygulama Merkezi Gazi Hastanesi / C Blok  
1.kat Nükleer Tıp ABD. / Emniyet Mah.Mevlana Bulvarı No:29 Yenimahalle/ANKARA



### International Researcher IDs

ScholarID: FAFVYjcAAAAJ

ORCID: 0000-0003-3154-656X

Publons / Web Of Science ResearcherID: ABI-1320-2020

ScopusID: 6602305162

Yoksis Researcher ID: 11264

### Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey  
1989 - 1993

Undergraduate, Hacettepe University, Turkey 1982 - 1988

### Biography

Prof. L.Ö. Atay is leading Nuclear Medicine Department in the Faculty of Medicine, Gazi University. She is focused on the first in country applications and technologies. As Molecular Imaging is one of the most growing area regarding new innovations, she has been working hard not only to make them available, from the beginning, in the country but also takes part on the initiating working groups of European Association of Nuclear Medicine. She is a pioneer on the Neuroimaging having strong collaboration with Neurology Society.

Before getting her professor degree, she worked in The Netherlands Cancer Institute and University of Pittsburgh Medical Center. She took several roles as committee member and chairperson within the European and Turkish Society of Nuclear Medicine. She is also on the editorial board of European Journal of Nuclear Medicine and Molecular Imaging. She has built the first PET-MR department in Turkey at Gazi University. Gazi University Hospital Department of Nuclear Medicine is involved in a prospective, multi-center study involving early Alzheimer's patients that will involve amyloid imaging for the first time in Turkey. Prof. Atay is saying " In terms of neuroimaging, PET/MR technology will be the most important imaging modality of the future, especially with the introduction of new radiopharmaceuticals targeting pathological proteins, such as amyloid and tau.

### Foreign Languages

English, C1 Advanced

### Dissertations

Expertise In Medicine, Rabdomiyosarkomun tanı ve takibinde III-mantimiyosinf(ab) immünsintigrafisi kullanımı, Hacettepe University, 1993

## Research Areas

Nuclear medicine

## Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 1993 - Continues

## Academic and Administrative Experience

Head of Department, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2012 - Continues

## Courses

Nuclear Medicine in Central Nervous System, Undergraduate, 2022 - 2023  
Enfeksiyon Hastalıklarında Nükleer Tıp, Undergraduate, 2022 - 2023  
Nuclear Medicine in Oncology and Hermatology, Undergraduate, 2022 - 2023  
Santral Sinir Sisteminde Nükleer Tıp İncelemeleri, Undergraduate, 2022 - 2023  
Nükleer Onkoloji – 1: PET Uygulamaları , Undergraduate, 2022 - 2023  
Nükleer Onkoloji – 2: Teranostik Uygulamalar , Undergraduate, 2022 - 2023  
Radyasyon Dozimetrisi – Radyasyonun Biyolojik Etkileri ve Korunma Prensipleri, Undergraduate, 2022 - 2023  
Nükleer Endokrinoloji , Undergraduate, 2022 - 2023  
Nuclear Medicine in Infectious Diseases, Undergraduate, 2022 - 2023

## Advising Theses

Atay L. Ö., REKTUM KANSERİ HASTALARININ PRİMER EVRELEMESİNDE FDG PET VE MR GÖRÜNTÜLERİNDEN ELDE EDİLEN ANATOMİK, FONKSİYONEL VE METABOLİK PARAMETRELERİN KORELASYONU; T, N ve M EVRELERİ İLE İLİŞKİSİ, Expertise In Medicine, K.ŞEKER(Student), 2022  
ATAY L. Ö., The Contribution Of Respiratory Gated Fdg Pet Imaging To Preoperative Lymph Node Staging In Patients With Gastric Cancer, Expertise In Medicine, S.GÜLBAHAR(Student), 2020  
Atay L. Ö., Kompleks parsiyel nöbetli hastalarda pozitron emisyon tomografisinin tanısal rolünün elektroensefalografi ve manyetik rezonans görüntüleme ile karşılaştırmalı olarak değerlendirilmesi, Expertise In Medicine, T.SUCAK(Student), 2011  
Atay L. Ö., İleri evre meme kanseri olgularının değerlendirilmesinde 18F-FDG pozitron emisyon tomografisinin katkısı, Expertise In Medicine, N.CAN(Student), 2004  
Atay L. Ö., Malign ve benign soliter hipoaktif tiroid nodüllerinin ayrımında; radyonüklid tiroid anjiyografisi, power doppler ultrasonografisi ve Tc-99-MIBI sintigrafisinin değeri, Expertise In Medicine, M.KORAY(Student), 2002  
Atay L. Ö., Ötiroid diffüz guatrılı ve hipertiroidili hastalarda diyet ve diüretigin tiroid iyot uptake üzerine etkisinin değerlendirilmesi, Expertise In Medicine, F.YUSUF(Student), 1999

## Published journal articles indexed by SCI, SSCI, and AHCI

- Neurological Disorders and Women's Health: Contribution of Molecular Neuroimaging Techniques**  
Ekmekcioglu O., Albert N. L., Heinrich K., Tolboom N., Van Weehaeghe D., Traub-Weidinger T., ATAY L. Ö., Garibotto V., Morbelli S.  
Seminars in Nuclear Medicine, vol.54, no.2, pp.237-246, 2024 (SCI-Expanded)

- II. **Clinical factors associated with autologous stem cell transplantation outcomes in multiple myeloma: upfront transplant with MEL200 remains the standard of care.**  
Bostankolu Değirmenci B., Yegin Z. A., Akdemir Ü. Ö., Dede A., Gündem G. G., Özkurt Z. N., Atay L. Ö., Yağcı M.  
Annals of hematology, vol.103, no.1, pp.269-283, 2024 (SCI-Expanded)
- III. **Cerebral vasomotor reactivity across the continuum of subjective cognitive impairment, amnesic mild cognitive impairment and probable Alzheimer's dementia: A transcranial Doppler and PET/MRI study**  
Saka E., ATAY L. Ö., AKDEMİR Ü. Ö., Yetim E., BALCI E., ARSAVA E. M., TOPÇUOĞLU M. A.  
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.43, no.1, pp.129-137, 2023 (SCI-Expanded)
- IV. **Hybrid PET/MRI with Flutemetamol and FDG in Alzheimer's Disease Clinical Continuum**  
Atay L. Ö., Saka E., Akdemir Ü. Ö., Yetim Arsaava E., Balci E., Arsaava E. M., Topçuoğlu M. A.  
Current Alzheimer research, vol.20, no.7, pp.481-495, 2023 (SCI-Expanded)
- V. **Diagnostic performance of FDG PET/MRI for cervical lymph node metastasis in patients with clinically NO head and neck cancer**  
Cebeci S., Aydos U., Yeniceri A., Pula D., Düzlü M., Atay L. Ö., Yilmaz M.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.27, no.10, pp.4528-4535, 2023 (SCI-Expanded)
- VI. **Quantitative and visual analyses of the effect of activity reduction on image metrics and quality in 18F-FDG PET/MRI in pediatric oncology**  
AYDOS U., BALCI E., Gülbahar Ateş S., AKDEMİR Ü. Ö., KARADENİZ C., ATAY L. Ö.  
Turkish Journal of Medical Sciences, vol.53, no.1, pp.289-302, 2023 (SCI-Expanded)
- VII. **What is New in Nuclear Medicine Imaging for Dementia**  
Saka Topçuoğlu E., AKDEMİR Ü. Ö., ATAY L. Ö.  
Noropsikiyatri Arsivi, vol.59, 2022 (SCI-Expanded)
- VIII. **Respiratory-gated 18F Fluorodeoxyglucose Positron Emission Tomography/Magnetic Resonance Imaging in Evaluation of Primary Gastric Lesions and Gastric Lymph Nodes in Patients with Gastric Cancer**  
Gülbahar Ateş S., Aydos U., Akdemir Ü. Ö., Yüksel O., Üner A., Dursun A., Atay L. Ö.  
Clinical Oncology, vol.34, no.12, pp.810-818, 2022 (SCI-Expanded)
- IX. **Diagnostic utility of serum biomarkers in large vessel vasculitis and their correlation with positron emission tomography**  
Salman R. B., Koca G., Ates S., Yapar D., Babaoglu H., Satis H., Guler A. A., KARADENİZ H., Atas N., KÜÇÜK H., et al.  
MODERN RHEUMATOLOGY, vol.32, no.5, pp.938-945, 2022 (SCI-Expanded)
- X. **Prognostic value of fluorodeoxyglucose positron emission tomography derived metabolic parameters and textural features in pediatric sarcoma**  
AYDOS U., Sever T., VURAL Ö., TOPUZ TÜRKCAN B., Okur A., AKDEMİR Ü. Ö., POYRAZ A., PINARLI F. G., ATAY L. Ö., KARADENİZ C.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.43, no.7, pp.778-786, 2022 (SCI-Expanded)
- XI. **The role of histopathological and biochemical parameters for predicting metastatic disease on <sup>68</sup>Ga-PSMA-11 PET in prostate cancer.**  
AYDOS U., ÇETİN S., AKDEMİR Ü. Ö., BUDAK F. Ç., Ates S., Koparal M. Y., Gonul I. I., GÜLBAHAR Ö., Sozen S., ATAY L. Ö.  
The Prostate, vol.81, no.16, pp.1337-1348, 2021 (SCI-Expanded)
- XII. **Texture features of primary tumor on 18F-FDG PET images in non-small cell lung cancer: The relationship between imaging and histopathological parameters Características de textura del tumor primario en imágenes de 18F-FDG PET en cáncer de pulmón de células no pequeñas: la relación entre parámetros de imágenes y parámetros histopatológicos**  
AYDOS U., ÜNAL E. G., Özçelik M., Akdemir D., EKİNCİ Ö., TAŞTEPE A. İ., Memiş L., ATAY L. Ö., AKDEMİR Ü. Ö.  
Revista Espanola de Medicina Nuclear e Imagen Molecular, vol.40, no.6, pp.343-350, 2021 (SCI-Expanded)
- XIII. **Long-term surgical outcomes and predictors of surgical treatment in temporal lobe epilepsy**  
Yıldırım İ., Gurses A., Ataoglu E. E., Kurt G., Akdemir Ü. Ö., Öner A. Y., Hırfanoğlu T., Atay L. Ö., Serdaroglu A., Bilir E.

NEUROLOGICAL SCIENCES AND NEUROPHYSIOLOGY, vol.38, no.4, pp.209-218, 2021 (SCI-Expanded)

- XIV. **Diagnostic Role of 18F-Fluorodeoxyglucose Positron Emission Tomography for the Evaluation of Patients with Inflammation of Unknown Origin**  
Bilici Salman R., Gülbahar Ateş S., Satis H., Tufan A., Akdemir Ü. Ö., Yapar D., Atas N., Güler A. A., Karadeniz H., Babaoglu H., et al.  
Journal of Clinical Rheumatology, vol.27, no.6, pp.219-225, 2021 (SCI-Expanded)
- XV. **Quantitative Parameters from 18F-FDG PET/MRI Reveal Intratumoral Heterogeneity in Primer Brain Tumors Confirmed by Pathology**  
ŞEKER K., ÇELTİKÇİ E., AYDOS U., Ates S. G., İNAN M. A., AKDEMİR Ü. Ö., ATAY L. Ö.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.48, no.SUPPL 1, 2021 (SCI-Expanded)
- XVI. **Respiratory-gated FDG PET/MRI in Evaluation of Primary Gastric Lesions and Gastric Lymph Nodes in Patients with Gastric Cancer**  
Ates S. G., AYDOS U., AKDEMİR Ü. Ö., YÜKSEL O., ÜNER A., DURSUN A., ATAY L. Ö.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.48, no.SUPPL 1, 2021 (SCI-Expanded)
- XVII. **Diagnostic accuracy of Ga-68-PSMA PET/MRI and multiparametric MRI in detecting index tumours in radical prostatectomy specimen**  
Coşar U., Şen İ., Aydos U., Koparal M. Y., Uçar M., Tokgöz N., Gönül İ. I., Akdemir Ü. Ö., Atay L. Ö., Sözen T. S.  
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.75, no.8, 2021 (SCI-Expanded)
- XVIII. **DIAGNOSTIC ACCURACY OF SERUM MARKERS IN LARGE VESSEL VASCULITIS AND CORRELATION WITH PET IMAGING**  
Salman R. B., Satis H., Guler A. A., KARADENİZ H., KÜÇÜK H., HAZNEDAROĞLU Ş., TUFAN A., GÖKER B., AKDEMİR Ü. Ö., ATAY L. Ö., et al.  
ANNALS OF THE RHEUMATIC DISEASES, vol.80, pp.1077, 2021 (SCI-Expanded)
- XIX. **The Relationship Between Imaging Scores of Primary Tumors in Prostate Cancer Patients and Risk Stratification**  
AYDOS U., Cosar U., ŞEKER K., AKDEMİR Ü. Ö., IŞIK GÖNÜL İ., Sozen S., ATAY L. Ö.  
JOURNAL OF NUCLEAR MEDICINE, vol.62, 2021 (SCI-Expanded)
- XX. **Dopamine transporter SPECT imaging in Parkinson's disease and parkinsonian disorders**  
Akdemir Ü. Ö., Bora H. A., Atay L. Ö.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.51, no.2, pp.400-410, 2021 (SCI-Expanded)
- XXI. **Utility of brain fluorodeoxyglucose PET in children with possible autoimmune encephalitis**  
AYDOS U., ARHAN E., AKDEMİR Ü. Ö., Akbas Y., Aydin K., ATAY L. Ö., SERDAROĞLU A.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.41, no.8, pp.800-809, 2020 (SCI-Expanded)
- XXII. **Ictal pouting ('Chapeau de gendarme') in three pediatric cases with cortical dysplasia**  
Cebeci D., Arhan E., Hırfanoğlu T., Karalok Z. S., Erçelebi H., Dedeoglu O., Atay L. Ö., Uçar M., Serdaroğlu A.  
EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY, vol.26, pp.82-88, 2020 (SCI-Expanded)
- XXIII. **Evaluation of brain FDG PET images in temporal lobe epilepsy for lateralization of epileptogenic focus using data mining methods**  
Akdemir Ü. Ö., Çapraz İ., Gülbahar Ateş S., Şeker K., Aydos U., Kurt G., Karabacak N., Atay L. Ö., Bilir E.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.4, pp.738-748, 2020 (SCI-Expanded)
- XXIV. **Comparison of FDG PET/MRI and FDG PET/CT in Pediatric Oncology in Terms of Anatomic Correlation of FDG-positive Lesions**  
Uslu-Besli L., Kapucu L. Ö., Karadeniz C., Akdemir Ü. Ö., Pınarlı F. G., Aydos U., Okur A., Kaya Z., Samancı C., Karabacak N.  
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.41, no.7, pp.542-550, 2019 (SCI-Expanded)
- XXV. **Utility of 18-fluorodeoxyglucose positron emission tomography in children with relapsed/refractory leukemia**  
Kaya Z., Akdemir O. U., Atay O. L., Akyürek N., Pınarlı F. G., Yenicesu I., Kocak U.  
PEDIATRIC HEMATOLOGY AND ONCOLOGY, vol.35, pp.393-406, 2018 (SCI-Expanded)

- XXVI. **Comparison of FDG PET/MRI and FDG PET/CT in Pediatric Oncology: Gazi University Pediatric PET/MRI Experience**  
Kapucu L. Ö., Besli L. U., Akdemir Ü. Ö., Aydos U., Ozcelik M., Pinarli F. G., Okur A., Karabacak N., Karadeniz C.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.44, 2017 (SCI-Expanded)
- XXVII. **The impact of reconstruction and scanner characterisation on the diagnostic capability of a normal database for [I-123]FP-CIT SPECT imaging**  
Dickson J. C., Tossici-Bolt L., Sera T., Booij J., Ziebell M., Morbelli S., Assenbaum-Nan S., Vander Borgh T., Pagani M., Kapucu O. L., et al.  
EJNMMI RESEARCH, vol.7, 2017 (SCI-Expanded)
- XXVIII. **Outcomes of resective surgery in children and adolescents with focal lesional epilepsy: The experience of a tertiary epilepsy center**  
Hırfanoğlu T., Serdaroğlu A., Kurt G., Erdem A., Capraz İ., Bilir E., Vural Ö., Uçar M., Öner A. Y., Onal B., et al.  
EPILEPSY & BEHAVIOR, vol.63, pp.67-72, 2016 (SCI-Expanded)
- XXIX. **Implementation of the European multicentre database of healthy controls for [I-123]FP-CIT SPECT increases diagnostic accuracy in patients with clinically uncertain parkinsonian syndromes**  
Albert N. L., Unterrainer M., Diemling M., Xiong G., Bartenstein P., Koch W., Varrone A., Dickson J. C., Tossici-Bolt L., Sera T., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.43, no.7, pp.1315-1322, 2016 (SCI-Expanded)
- XXX. **Reduction in camera-specific variability in [I-123]FP-CIT SPECT outcome measures by image reconstruction optimized for multisite settings: impact on age-dependence of the specific binding ratio in the ENC-DAT database of healthy controls**  
Buchert R., Kluge A., Tossici-Bolt L., Dickson J., Bronzel M., Lange C., Asenbaum S., Booij J., Kapucu L. Ö., Svarer C., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.43, no.7, pp.1323-1336, 2016 (SCI-Expanded)
- XXXI. **Surgical outcome in patients with MRI-negative, PET-positive temporal lobe epilepsy**  
Capraz İ., KURT G., Akdemir O., HIRFANOĞLU T., Oner Y., Sengezer T., Kapucu L. Ö., SERDAROĞLU A., Bilir E.  
SEIZURE-EUROPEAN JOURNAL OF EPILEPSY, vol.29, pp.63-68, 2015 (SCI-Expanded)
- XXXII. **Is there any impact of PET/CT on radiotherapy planning in rectal cancer patients undergoing preoperative IMRT?**  
Kilic D., ÇATLI DİNÇ S., Ulger S., Kapucu L. Ö.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.45, no.1, pp.129-135, 2015 (SCI-Expanded)
- XXXIII. **EVALUATION OF FDG-PET/CT AND CONVENTIONAL IMAGING TECHNIQUES IN PEDIATRIC HODGKIN LYMPHOMA PATIENTS IN A SINGLE CENTER**  
Oguz A., Tekkesin F., Pinarli F. G., Karadeniz C., Kapucu L. Ö., Boyunaga Ö. L., Okur A.  
PEDIATRIC BLOOD & CANCER, vol.61, 2014 (SCI-Expanded)
- XXXIV. **Association between survival and maximum standardized uptake value of liver metastases detected by 18-fluoro-2-deoxy-D-glucose positron emission tomography-computed tomography in patients with adenocarcinoma of unknown primary origin**  
Algin E., ÖZET A., Gumusay O., Cetin B., AKDEMİR Ü. Ö., Benekli M., Coskun U., ÜNER A., Kapucu O., Buyukberber S.  
ANNALS OF NUCLEAR MEDICINE, vol.28, no.9, pp.891-896, 2014 (SCI-Expanded)
- XXXV. **Extrastriatal binding of [I-123]FP-CIT in the thalamus and pons: gender and age dependencies assessed in a European multicentre database of healthy controls**  
Koch W., Unterrainer M., Xiong G., Bartenstein P., Diemling M., Varrone A., Dickson J. C., Tossici-Bolt L., Sera T., Asenbaum S., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.41, no.10, pp.1938-1946, 2014 (SCI-Expanded)
- XXXVI. **Brain F-18-FDG PET Imaging in the Differential Diagnosis of Parkinsonism**  
AKDEMİR Ü. Ö., Tokcaer A. B., Karakus A., Kapucu L. Ö.  
CLINICAL NUCLEAR MEDICINE, vol.39, no.3, 2014 (SCI-Expanded)

- XXXVII. **Automatic semi-quantification of [I-123]FP-CIT SPECT scans in healthy volunteers using BasGan version 2: results from the ENC-DAT database**  
Nobili F., Naseri M., De Carli F., Asenbaum S., Booij J., Darcourt J., Ell P., Kapucu O., Kemp P., Varer C., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.40, no.4, pp.565-573, 2013 (SCI-Expanded)
- XXXVIII. **European multicentre database of healthy controls for [I-123]FP-CIT SPECT (ENC-DAT): age-related effects, gender differences and evaluation of different methods of analysis**  
Varrone A., Dickson J. C., Tossici-Bolt L., Sera T., Asenbaum S., Booij J., Kapucu O. L., Kluge A., Knudsen G. M., Koulibaly P. M., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.40, no.2, pp.213-227, 2013 (SCI-Expanded)
- XXXIX. **No difference in striatal dopamine transporter availability between active smokers, ex-smokers and non-smokers using [I-123]FP-CIT (DaTSCAN) and SPECT**  
Thomsen G., Knudsen G. M., Jensen P. S., Ziebell M., Holst K. K., Asenbaum S., Booij J., Darcourt J., Dickson J. C., Kapucu O. L., et al.  
EJNMMI RESEARCH, vol.3, 2013 (SCI-Expanded)
- XL. **Absence of bilateral temporal hypometabolism is the best predictor of seizure freedom after surgery in temporal lobe epilepsy**  
Sengezer T., Kapucu L. Ö., SERDAROĞLU A., Akdemir Ü. Ö., Capraz I., KURT G., Oner Y., Bilir E.  
JOURNAL OF NUCLEAR MEDICINE, vol.53, 2012 (SCI-Expanded)
- XL1. **Early post-transplantation positron emission tomography in patients with Hodgkin lymphoma is an independent prognostic factor with an impact on overall survival**  
Sucak G. T., ÖZKURT Z. N., Suyani E., Yasar D. G., Akdemir O. U., Aki Z., YEGİN Z. A., Yagci M., Kapucu O. L.  
ANNALS OF HEMATOLOGY, vol.90, no.11, pp.1329-1336, 2011 (SCI-Expanded)
- XLII. **Comparison of Pre- and Post-therapy 18F-FDG PET/CT Findings with The Findings of Clinical Follow-up in Patients with Hodgkin Lymphoma**  
Akdemir Ü. Ö., Kapucu L. Ö., Oz O., Suyani E., Tonyali O., Altindal Ş., Yagci M., Benekli M., Atasever T., Buyukberber S., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.38, 2011 (SCI-Expanded)
- XLIII. **Comparison of FDG-PET, MRI and EEG findings and surgical outcome in operated lesional and non-lesional temporal lobe epilepsy**  
Sucak T., Kapucu L. Ö., Capraz I., Akdemir Ü. Ö., Kurt G., Hirfanoglu T., Kurt N. C., Golen M. K., Mercan M., Oner A. Y., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, 2011 (SCI-Expanded)
- XLIV. **Calibration of gamma camera systems for a multicentre European I-123-FP-CIT SPECT normal database**  
Tossici-Bolt L., Dickson J. C., Sera T., de Nijs R., Bagnara M. C., Jonsson C., Scheepers E., Zito F., Seese A., Koulibaly P. M., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.38, no.8, pp.1529-1540, 2011 (SCI-Expanded)
- XLV. **The Nodal Standard Uptake Value (SUV) as a Prognostic Factor in Head and Neck Squamous Cell Cancer**  
Demirci U., Coskun U., AKDEMİR Ü. Ö., Benekli M., Kapucu O., ÖZKAN S., Cakir T., Baykara M., Buyukberber S.  
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.12, no.7, pp.1817-1820, 2011 (SCI-Expanded)
- XLVI. **EANM procedure guidelines for brain neurotransmission SPECT/PET using dopamine D2 receptor ligands, version 2**  
Van Laere K., Varrone A., Booij J., Borghet T. V., Nobili F., Kapucu O. L., Walker Z., Nagren K., Tatsch K., Darcourt J.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.37, no.2, pp.434-442, 2010 (SCI-Expanded)
- XLVII. **EANM procedure guidelines for brain neurotransmission SPECT using I-123-labelled dopamine transporter ligands, version 2**

- Darcourt J, Booij J, Tatsch K, Varrone A, Borght T. V., Kapucu O. L., Nagren K., Nobili F., Walker Z., Van Laere K. EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.37, no.2, pp.443-450, 2010 (SCI-Expanded)
- XLVIII. **EANM procedure guideline for brain perfusion SPECT using Tc-99m-labelled radiopharmaceuticals, version 2**  
Kapucu O. L., Nobili F., Varrone A., Booij J., Vander Borght T., Nagren K., Darcourt J., Tatsch K., Van Laere K. J. EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, no.12, pp.2093-2102, 2009 (SCI-Expanded)
- XLIX. **EANM procedure guidelines for PET brain imaging using [F-18]FDG, version 2**  
Varrone A., Asenbaum S., Vander Borght T., Booij J., Nobili F., Nagren K., Darcourt J., Kapucu O. L., Tatsch K., Bartenstein P., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, no.12, pp.2103-2110, 2009 (SCI-Expanded)
- L. **Use of 18F-FDG PET/CT in Pediatric Patients: Indications and Patient Characteristics**  
Sucak T., Akdemir Ü. Ö., Cakir T., Gokcora N., Karabacak N., Kapucu L. Ö., Unlu M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- LI. **Brain FDG PET Imaging In The Differential Diagnosis Of Parkinsonism**  
Kapucu L. Ö., Akdemir Ü. Ö., ÜNAL K., Erdogmus N. I., Tokcaer A. B.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
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- XV. **Quantitative Parameters from 18F-FDG PET/MRI Reveal Intratumoral Heterogeneity in Primer Brain Tumors Confirmed by Pathology**  
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- XVI. **Quantitative analysis of the effect of dose reduction on image metrics in 18F-FDG PET/MRI in paediatric oncology**  
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- XVII. DİRENÇLİ TEMPORAL LOB EPİLEPSİLİ HASTALARDA BEYİNDE BÖLGESEL KORTİKAL GLİKOZ METABOLİZMASI ORANLARI VE KORTİKAL/SUBKORTİKAL HACİM DEĞİŞİKLİKLERİNİN KLİNİK VE ETYOLOJİ İLE KORELASYONU**  
Akn S, Yıldırım İ., Akdemir Ü. Ö., Öner Y., Barutçu B., Atay L. Ö., Bilir E.  
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- XX. The prognostic value of textural features of primary tumour and systemic inflammation markers in NSCLC**  
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- XXV. PET/MRG GELECEK**  
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3. MULTİPARAMETRİK PROSTAT MR GÖRÜNTÜLEME (mp-MRG) ve HEDEFE YÖNELİK PROSTAT BİYOPSİ KURSU, Turkey, 29 October 2019
- XXVI. Ga68 PSMA PET/MRI in newly diagnosed prostate cancer patients: Correlation of Ga68 PSMA uptake in intraprostatic lesion with disease stage**  
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- XXVIII. **Prostat kanseri rekürrensinde kurtarma lenf nodu diseksiyonu uygulanan hastalarda psma pet-bt'xxnin öngörü değeri**  
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- XXX. **GA68 PSMA PET GÖRÜNTÜLEMEDE METASTATİK YAYGINLIĞIN ÖNGÖRÜLMESİNDE HİSTOPATOLOJİK VEBİYOKİMYASAL PARAMETRELERİN YERİ**  
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- XXXI. **Moleküler görüntüleme teknikleri**  
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- XXXII. **DIAGNOSTIC UTILITY OF POSITRON EMISSION TOMOGRAPHY FOR THE EVALUATION OF PATIENTS WITH INFLAMMATION OF UNKNOWN ORIGIN**  
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- XXXIII. **Metastatik Prostat Kanseri (Mpk) Hastalarda 68Ga-Psma-Pet Metabolik Tümör Volumü(Mtv)'Nün ve Maximum Standardize Uptake Değeri (Suvmax)'Nin Prognostik Rolü**  
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- XXXVII. **Pediyatrik Nörolojide PET Ct/ MRI VE SPECT Uygulamaları**  
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- XXXVIII. **Onkolojik Görüntülemede PET/MR Gereklidir**  
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30. Ulusal Nükleer Tıp Kongresi, Antalya, Turkey, 11 - 15 April 2018
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- XL. **Ga-68 PSMA Pet/Mr ve Prostat Kanseri Görüntüleme Teknolojisinde Varılabilecek En Uç Nokta (Mı?)**  
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29. Ulusal Nükleer Tıp Kongresi, Antalya, Turkey, 10 - 14 May 2017, vol.3
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- XLV. Comparison of F-18 FDG Brain PET Data Acquired Sequentially on Hybrid PET/CTand PET/MR Systems**  
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**LV. Prognostic Value of F-18 FDG PET/CT Findings In Pediatric Hodgkin Lymphoma Patients In a Single Center**

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**LVII. Quantitative Analysis of FDG PET for Evaluation of Bone Marrow Infiltration in Patients with Non Hodgkin Lymphoma**

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**LVIII. Interictal FDG PET Findings in Temporal Lobe Epilepsy Patients Related to Presence of Secondarily Generalized Tonic Clonic Seizures**

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**LIX. Outcome of TLE: MRI negative, PET positive cases**

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**LXII. ASSESSMENT OF THE CORRELATION OF CLINICAL FINDINGS WITH BRAIN FDG PET IMAGING FINDINGS IN PATIENTS WITH PARKINSONISM**

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7.Ulusal Çocuk Kongresi EPILEPSI 2010, Turkey, 9 - 12 June 2010



## Supported Projects

Balcı E., Atay L. Ö., Akdemir Ü. Ö., Gülbahar Ö., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Alzheimer Hastalığının Erken Tanısı için Multi-Parametrik Değerlendirmeye Dayanan Ulusal Zeki Bir Tanı Modeli, 2023 - 2025

Atay L. Ö., Balcı E., Project Supported by Other Private Institutions, Alzheimer Hastalığında Görülem Küçük Damar Hastalığının ve Fonksiyonel Etkilerinin Fonksiyonel Görüntüleme Yöntemleri ile İncelenmesi, 2019 - 2023

Akdemir Ü. Ö., Atay L. Ö., Karabacak N., Aktürk M. Y., Benekli M., Project Supported by Higher Education Institutions, Nöroendokrin tümörlerde radyoaktif işaretli peptidler ile görüntüleme ve tedavi, 2014 - 2016

ATAY L. Ö., Project Supported by Higher Education Institutions, Nöroendokrin tümörlerde radyoaktif işaretli peptidler ile görüntüleme ve tedavi, 2013 - 2016

ATAY L. Ö., Project Supported by Higher Education Institutions, Parkinsonizm Ayırıcı Tanısında Beyin Fdg Pet Görüntüleme, 2008 - 2010

Atay L. Ö., EU Supported Other Project, 123I FP CIT Avrupa Veritabanı DaTSCAN 15 Avrupa merkezin katıldığı EANM tarafından desteklenen çok merkezli vir Avrupa çalışmasıdır, 2006 - 2010

## Activities in Scientific Journals

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, Publication Committee Member, 2019 - Continues

Turkish Journal Of Medical Sciences, Publication Committee Member, 2019 - Continues

Frontiers in Nuclear Medicine, Publication Committee Member, 2019 - Continues

## Memberships / Tasks in Scientific Organizations

European Association of Nuclear Medicine, Member, 2021 - Continues, Austria

Society of Nuclear Medicine and Molecular Imaging, Member, 2021 - Continues, United States Of America

Türkiye Nükleer Tıp Derneği Nöropsikiyatri Çalışma Grubu, Member, 2002 - Continues, Turkey

Türkiye Nükleer Tıp Derneği, Member, 2002 - Continues, Turkey

## Scientific Refereeing

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, Journal Indexed in SCI-E, September 2022

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, July 2022

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EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, Journal Indexed in SCI-E, February 2022

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, January 2022

EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, Journal Indexed in SCI-E, October 2021

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, September 2021

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, May 2021

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, April 2021

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EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, Journal Indexed in SCI-E, September 2011  
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EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, Journal Indexed in SCI-E, May 2009

## Scientific Consultations

Gazi Üniversitesi Yapay Zeka Merkezi, Scientific Consultancy, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey, 2023 - Continues

TUBİTAK, Project Consultancy, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey, 2022 - 2022

TUBİTAK, Project Consultancy, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey, 2021 - 2021

## Metrics

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## Congress and Symposium Activities

36.Ulusal Nükleer Tıp Kongresi, Session Moderator, Girne, Cyprus (Kktc), 2024

ÜRETKEK YAPAY ZEKA UYGULAMALARI ULUSAL KONFERANSI, Attendee, Ankara, Turkey, 2023

Cumhuriyetimizin 100.Yılında Nükleer Tıp 50 Yaşında, Session Moderator, Ankara, Turkey, 2023

36th Annual Congress of the European Association of Nuclear Medicine, Invited Speaker, Vienna, Austria, 2023

NÖRODEJENERATİF HASTALIKLAR SEMPOZYUMU 2, Invited Speaker, Ankara, Turkey, 2023

35. Ulusal Nükleer Tıp Kongresi, Moderator, Antalya, Turkey, 2023

35th Annual Congress of the European Association of Nuclear Medicine , Session Moderator, Barcelona, Spain, 2022

35th Annual Congress of the European Association of Nuclear Medicine, Attendee, Barcelona, Spain, 2022

35th Annual Congress of the European Association of Nuclear Medicine, Panelists, Barcelona, Spain, 2022

34. ULUSAL NÜKLEER TIP KONGRESİ, Session Moderator, Antalya, Turkey, 2022

Alzheimer's Association International Conference (ACCIC), Attendee, Colorado, United States Of America, 2021

33. Ulusal Nükleer Tıp Kongresi, Invited Speaker, Ankara, Turkey, 2021

33. Ulusal Nükleer Tıp Kongresi, Session Moderator, Ankara, Turkey, 2021

## Awards

Atay L. Ö., Saka E., Akdemir Ü. Ö., Yetim Arsava E., Balci E., Arsava E. M., Topçuoğlu M. A., POSTER BİRİNCİLİK ÖDÜLÜ, Türk Nöroloji Derneği, November 2022

## **Non Academic Experience**

University of Pittsburgh Medical Center, PET Facility

Department of Nuclear Medicine, Academic Medical Centre, Amsterdam