

## Asst. Prof. Kemal ÜNAL

### Personal Information

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### International Researcher IDs

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### Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 2004 - 2008

Undergraduate, Hacettepe University, Tıp Fakültesi, Turkey 1996 - 2003

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Health&Medicine, Vizamyl Electronic Reader Training Program, General Electric, 2023

### Research Areas

Nuclear medicine

### Academic Titles / Tasks

Assistant Professor, Izmir University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2012 - Continues

### Academic and Administrative Experience

Izmir University, 2012 - Continues

### Courses

Nükleer Tıp Klinik Uygulamaları, Associate Degree, 2021 - 2022

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

1. Enhancing PSMA PET/CT imaging of prostate cancer: investigating the impact of multiple time point

**evaluation, diuretic administration, cribriform pattern, and intraductal carcinoma**

GUNER A. L., ÜNAL K., Beylergil V., Tuna M. B., SAĞLİCAN Y., VARDARELİ E., KURAL A. R.

ANNALS OF NUCLEAR MEDICINE, vol.37, no.11, pp.618-628, 2023 (SCI-Expanded)

- II. **Optimizing the Personalized Care for the Management of Rectal Cancer: A Consensus Statement**  
Aytaç E., Özer L., Baca B., Balık E., Kapran Y., Taşkın O. C., Oyan Uluç B., Abacıoğlu M. U., Gönenç M., Bölükbaşı Y., et al.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.33, no.8, pp.627-663, 2022 (SCI-Expanded)
- III. **Physiological fluorodeoxyglucose uptake of spinal cord in adults.**  
Guner L., Unal K., Vardareli E., Kaya E., Temiz H., Dayioglu T.  
Nuclear medicine communications, vol.41, pp.659-665, 2020 (SCI-Expanded)
- IV. **Effectiveness of the addition of the brain region to the FDG-PET/CT imaging area in patients with suspected or diagnosed lung cancer**  
Tasdemir B., Urakci Z., Dostbil Z., ÜNAL K., Simsek F. S., Teke F., Goya C.  
RADIOLOGIA MEDICA, vol.121, no.3, pp.218-224, 2016 (SCI-Expanded)
- V. **What approach should we take for the incidental finding of increased F-18-FDG uptake foci in the colon on PET/CT?**  
Simsek F. S., İSPİROĞLU M., Tasdemir B., Koroglu R., ÜNAL K., ÖZERCAN İ. H., ENTOK E., Kuslu D., KARABULUT K.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.36, no.12, pp.1195-1201, 2015 (SCI-Expanded)
- VI. **Evaluation of Clinical Contributions Provided by Addition of the Brain, Calvarium, and Scalp to the Limited Whole Body Imaging Area in FDG-PET/CT Tumor Imaging**  
Tasdemir B., Dostbil Z., Inal A., Unal K., Yildirim S., Simsek F. S.  
BIOMED RESEARCH INTERNATIONAL, 2014 (SCI-Expanded)
- VII. **F-18-FDG PET/CT findings of radiotherapy-related myocardial changes in patients with thoracic malignancies**  
ÜNAL K., Mustafa U., Akdemir O., AKMANSU M.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.34, no.9, pp.855-859, 2013 (SCI-Expanded)
- VIII. **Incidental Detection of Pericardial Effusion on Bone Scan**  
ÜNAL K., ÜNLÜ M., Guner L.  
CLINICAL NUCLEAR MEDICINE, vol.38, no.1, pp.56-57, 2013 (SCI-Expanded)
- IX. **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)
- X. **The Role of 18F-FDG PET/CT and Myocardial Perfusion Scintigraphy in the Evaluation of Cardiac Damage After Radiotherapy**  
ÜNAL K., Unlu M., Akdemir O., Akmansu M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- XI. **Liver schwannoma incidentally discovered in a patient with breast cancer**  
AKIN M., Bozkirli B., LEVENTOĞLU Ö. S., ÜNAL K., Kapucu L. Ö., AKYÜREK N., ŞARE M.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.110, no.5, pp.298-300, 2009 (SCI-Expanded)
- XII. **Tc-99m HMPAO Brain SPECT Findings in Patients With Obstructive Sleep Apnea Syndrome**  
ÜNAL K., Kapucu L. Ö., Akdemir Ü. Ö., Inonu H., Kocurk O.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.35, 2008 (SCI-Expanded)
- XIII. **Comparison Of Bone Scintigraphy And F-18 FDG PET-CT Findings In The Detection Of Bone Metastasis In Patients With Lung And Breast Cancer**  
Akdemir Ü. Ö., ÜNAL K., Guner L., Cakir T., Kitapci M. T.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.35, 2008 (SCI-Expanded)
- XIV. **Comparison of Interictal Brain FDG PET with MRI and Ictal EEG in Patients with Complex Partial Seizures**  
Akdemir Ü. Ö., Kapucu L. Ö., Guner L., ÜNAL K., Arhan E., Serdaroglu A., Bilir E.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.35, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Meme Kanserinde Moleküler Görüntüleme Uygulamaları**  
Vardareli E., Guner A. L., Ünal K.  
Kanser Gündemi Dergisi, vol.8, no.3, pp.34-40, 2020 (Non Peer-Reviewed Journal)
- II. **Findings of Gynecomastia That Developed in Follow-up Secondary to Bicalutamide Treatment on Bone Scan**  
ÜNAL K., Gokcora N.  
MOLECULAR IMAGING AND RADIONUCLIDE THERAPY, vol.29, no.2, pp.82-84, 2020 (Peer-Reviewed Journal)
- III. **Technological Advancements in Nuclear Medicine and Molecular Imaging**  
Guner A. L., Ünal K., Vardareli E.  
European Archives of Medical Research, vol.34, no.1, pp.25-29, 2018 (Peer-Reviewed Journal)
- IV. **Unexpected Uptake by the Gallbladder in Post-Ablative I-131 Scan**  
ÜNAL K., Akdemir O. U.  
MOLECULAR IMAGING AND RADIONUCLIDE THERAPY, vol.24, no.2, pp.85-86, 2015 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Chapter 2: Nuclear Medicine and Breast Cancer**  
Guner A. L., Ünal K., Vardareli E.  
in: Current Approaches to Breast Cancer, Atakan Demir, Ayşe Altınok, Cihan Uras, Gül Esen İçten, Ahmet Ertaş, Editor, Nobel Yayın Dağıtım, Ankara, pp.129-140, 2021
- II. **Prob Eşliğinde Tiroid Cerrahisi**  
Ünal K.  
in: Tiroid ve Paratiroid Hastalıkları. Tıbbi ve Cerrahi Tedavi, Dr. Atila Güngör, Dr. Muammer Urhan, Editor, Habitat Yayınevi, İstanbul, pp.219-226, 2010

## Refereed Congress / Symposium Publications in Proceedings

- I. **Meme Kanseri Hastalarında PET-BT'de Saptanan Tiroid İnsidentalomaya Yaklaşım**  
Arıkan A. E., Dülgeroğlu O., Ramoğlu N., Çapkınoğlu E., Güner A. L., Ünal K., Uras C.  
11. Ulusal Endokrin Cerrahi Kongresi, Antalya, Turkey, 16 - 19 March 2023, pp.36
- II. **Cooccurrence of Perihepatic Lesions along with Peritoneal Carcinomatosis and Hematogenous Metastases in Ovarian Cancer Patients on FDG PET/CT Studies**  
Ünal K., Guner A. L., Vardareli E.  
Annual Congress of the European Association of Nuclear Medicine, Barcelona, Spain, 15 - 19 October 2022, pp.515
- III. **AKCİĞER NSCCA'DA, NON-KARDİYOTOKSİK AJANLARIN MİYOKARD GLUKOZ METABOLİZMASINA ÜZERİNE ETKİSİ**  
Kaya E., Guner A. L., Ünal K., Seyfeli E., Vardareli E.  
34. Nükleer Tıp Kongresi, Antalya, Turkey, 27 - 28 March 2022, pp.1-2
- IV. **Performance of PSMA PET for Staging of Prostate Cancer**  
GÜNER A. L., ÜNAL K., Temiz H., KAYA E., VARDARELİ E., Tuna M., Doganca T.  
32nd Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Barcelona, Spain, 12 - 16 October 2019, vol.46
- V. **Positron Emission Mammography in management of new diagnosed breast cancer routine management**  
Guner L., Unal K., Tutar B., Kara H., Icten G. E., Uras C., Vardareli E.  
Annual Meeting of the Society-of-Nuclear-Medicine-and-Molecular-Imaging (SNMMI), Pennsylvania, United States Of America, 23 - 26 June 2018, vol.59

- VI. **Detection of Anterior Diaphragmatic Lymph Nodes with FDG PET-CT in Metastatic Disease**  
Unal K., Guner L. A.  
Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Gothenburg, Sweden, 18 - 22 October 2014, vol.41
- VII. **Comparison of Cerebellar 18F-FDG Uptake between Oncological and Brain 18F-FDG PET Specific Conditions**  
Guner L., Vardareli E., Cakir T., Unal K.  
25th Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Milan, Italy, 27 - 31 October 2012, vol.39
- VIII. **Incidental Detection of Pericardial Effusion on Bone Scan**  
ÜNAL K., Unlu M., Guner L., Cakir T.  
25th Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Milan, Italy, 27 - 31 October 2012, vol.39
- IX. **Sleep-dream Related Changes in Visual Cortex; Stages of Sleep and SPECT Findings**  
ÜNAL K., Karabacak N., Cakir T.  
25th Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Milan, Italy, 27 - 31 October 2012, vol.39
- X. **Evaluating the role of bone scan and Tc 99m HMPAO labeled leukocyte scintigraphy in the diagnosis of osteomyelitis**  
SUCAK T., ÜNAL K., DEVECİ M. A., AKDEMİR Ü. Ö., ŞİMŞEK S. A., KİTAPÇI M. T.  
8th International Nuclear Oncology Congress, İstanbul, Turkey, 27 - 30 April 2008, vol.17, pp.27

## **Metrics**

Publication: 30

Citation (WoS): 58

Citation (Scopus): 63

H-Index (WoS): 5

H-Index (Scopus): 5