

## Assoc. Prof. ÜMİT ÖZGÜR AKDEMİR

### Personal Information

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### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Neuroscience, Turkey 2011 - Continues

Expertise In Medicine, Gazi University, Sağlık Bilimleri Enstitüsü, Nükleer Tıp Anabilim Dalı, Turkey 1998 - 2003

Under Graduate, Hacettepe University, Tıp Fakültesi (İngilizce), Turkey 1991 - 1998

### Foreign Languages

English, C1 Advanced

### Dissertations

Expertise In Medicine, The Role of Tc-99m MIBI GATED Myocardial Perfusion Scintigraphy in the Investigation of Coronary Artery Disease in Type 2 Diabetes Mellitus Patients, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2003

### Research Areas

Nuclear medicine

### Academic Titles / Tasks

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2015 - Continues

Assistant Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2010 - 2015

Lecturer PhD, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2006 - 2010

### Professional Experience

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Gazi University, Sağlık Bilimleri Enstitüsü, Neuropsychiatry of Education, Research and Application Center, 2020 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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, 2020 (Journal Indexed in SCI Expanded)
- II. **F-18-FDG PET/CT for primary staging of patients with testicular germ cell tumors: the predictors of F-18-FDG PET positivity and prognostic value of PET derived metabolic parameters**  
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- III. **Can 18F-FDG PET/MRI Be Used as a Diagnostic Tool in Early Neuro-Behçet Disease?**  
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Journal of clinical rheumatology : practical reports on rheumatic & musculoskeletal diseases, 2020 (Journal Indexed in SCI Expanded)
- IV. **Utility of brain fluorodeoxyglucose PET in children with possible autoimmune encephalitis**  
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- V. **Diagnostic Role of 18F-Fluorodeoxyglucose Positron Emission Tomography for the Evaluation of Patients With Inflammation of Unknown Origin.**  
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- VI. **Evaluation of brain FDG PET images in temporal lobe epilepsy for lateralization of epileptogenic focus by data mining methods.**  
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- VII. **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. , KARADENİZ C., AKDEMİR Ü. Ö. , PINARLI F. G. , AYDOS U., OKUR A., KAYA Z., Samanci C., KARABACAK N.  
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.41, no.7, pp.542-550, 2019 (Journal Indexed in SCI)
- VIII. **Utility of 18-fluorodeoxyglucose positron emission tomography in children with relapsed/refractory leukemia**  
KAYA Z., Akdemir O. U. , Atay O. L. , AKYÜREK N., PINARLI F. G. , Yenicesu I., Kocak U.  
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- IX. **Guided intraoperative scintigraphic tumor targeting of metastatic cervical lymph nodes in patients with differentiated thyroid cancer: a single-center report**  
Cerit E. T. , Yalcin M. M. , Ozkan C., Akturk M., Altinova A. E. , AKDEMİR Ü. Ö. , AKIN M., Arslan E., Karakoc A., Cimen A. R. , et al.  
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- X. **First FDG PET/MRI Experience of Gazi University in Pediatric Oncology**  
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- XI. **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. I. , Karadeniz C.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.44, 2017 (Journal Indexed in SCI)
- XII. **Total lesion glycolysis by 18F-FDG PET/CT is independent prognostic factor in patients with advanced non-small cell lung cancer**  
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CLINICAL RESPIRATORY JOURNAL, vol.11, no.5, pp.602-611, 2017 (Journal Indexed in SCI)
- XIII. **[I-123] FP-CIT ENC-DAT normal database: the impact of the reconstruction and quantification**

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- XIV. **A REFRACTORY EPILEPSY CASE WITH ICTAL ASYSTOLE**  
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- XVI. **F-18-FDG uptake in focal organising pneumonia mimicking bronchial carcinoma**  
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CLINICAL RESPIRATORY JOURNAL, vol.10, no.6, pp.740-745, 2016 (Journal Indexed in SCI)
- XVII. **Outcomes of resective surgery in children and adolescents with focal lesional epilepsy: The experience of a tertiary epilepsy center**  
HIRFANOĞLU T., SERDAROĞLU A., KURT G., Erdem A., Capraz I., Bilir E., Vural O., UÇAR M., ÖNER A. Y. , Onal B., et al.  
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- XVIII. **THYROID MALIGNANCY RISK OF INCIDENTAL THYROID NODULES IN PATIENTS WITH NON-THYROID CANCER**  
Yalcin M. M. , Altinova A. E. , Ozkan C., Toruner F., Akturk M., Akdemir O., Emiroglu T., Gokce D., Poyraz A., Taneri F., et al.  
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- XIX. **Surgical outcome in patients with MRI-negative, PET-positive temporal lobe epilepsy**  
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- XX. **Ictal body turning in focal epilepsy**  
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- XXI. **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**  
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- XXIV. **Brain F-18-FDG PET Imaging in the Differential Diagnosis of Parkinsonism**  
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- XXV. **Relationship between primary lesion metabolic parameters and clinical stage in lung cancer**  
Sahiner I., Atasever T., Akdemir Ü. Ö. , Ozturk C., Memis L.  
REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR, vol.32, no.6, pp.357-363, 2013 (Journal Indexed in SCI)
- XXVI. **ROLE OF 18F-FDG PET CT IN STAGING AND REMISSION EVALUATION OF PATIENTS WITH PEDIATRIC SOLID TUMORS**  
Oguz A., Okur A., Akdemir O., Karadeniz C., Pinarli F. G. , Tekkesin F., Kapucu O., Boyunaga O., Gokcora N.

- PEDIATRIC BLOOD & CANCER, vol.60, pp.96, 2013 (Journal Indexed in SCI)
- XXVII. **RETROSPECTIVE ANALYSIS OF PATIENTS WITH EWING SARCOMA/PNET IN A SINGLE CENTER**  
Tekkesin F., Karadeniz C., Oguz A., Pinarli F. G. , Okur A., Akdemir Ü. Ö. , Uluoglu O., Bora H., Gokcora N.  
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- XXVIII. **F-18-FDG PET/CT findings of radiotherapy-related myocardial changes in patients with thoracic malignancies**  
ÜNAL K., Mustafa U., Akdemir O., AKMANSU M.  
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- XXIX. **The role of positron emission tomography with 18F-fluorodeoxyglucose in nodal staging of clinical and radiological N-0 head and neck cancers**  
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- XXX. **Value of Semiquantitative Analysis for Clinical Reporting of I-123-2-beta-Carbomethoxy-3 beta-(4-Iodophenyl)-N-(3-Fluoropropyl)Nortropane SPECT Studies**  
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- XXXIV. **Prognostic value of fluorine-18 fluorodeoxyglucose (18-FDG) positron emission tomography imaging in patients with non-small cell lung carcinoma**  
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- XXXV. **Demonstration of Adaptive Functional Differences Seen in Kidneys Accompanying a Nonfunctioning/Hypofunctioning Partner, using Camera Based Tc 99m MAG3 Clearance Measurement Technique.**  
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- XXXVI. **Absence of bilateral temporal hypometabolism is the best predictor of seizure freedom after surgery in temporal lobe epilepsy**  
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JOURNAL OF NUCLEAR MEDICINE, vol.53, 2012 (Journal Indexed in SCI)
- XXXVII. **Proposal for the standardisation of multi-centre trials in nuclear medicine imaging: prerequisites for a European I-123-FP-CIT SPECT database**  
Dickson J. C. , Tossici-Bolt L., Sera T., de Nijs R., Booij J., Bagnara M. C. , Seese A., Koulibaly P. M. , AKDEMİR Ü. Ö. , Jonsson C., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.39, no.1, pp.188-197, 2012 (Journal Indexed in SCI)
- XXXVIII. **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 (Journal Indexed in SCI)
- XXXIX. **Comparison of FDG-PET, MRI and EEG findings and surgical outcome in operated lesional and non-lesional temporal lobe epilepsy**  
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- XL. **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.  
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- XLI. **ENCDAT Database of 1123 FP-CIT Healthy Controls: Options for Implementation**  
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- XLII. **Value of F-18-fluorodeoxyglucose uptake in positron emission tomography/computed tomography in predicting survival in multiple myeloma**  
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- XLIII. **The Nodal Standard Uptake Value (SUV) as a Prognostic Factor in Head and Neck Squamous Cell Cancer**  
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- XLV. **An open-source framework of neural networks for diagnosis of coronary artery disease from myocardial perfusion SPECT**  
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- XLVI. **The utility and prognostic value of positron emission tomography with fluorine-18-fluoro-2-d-glucose (FDG-PET) on patients with Hodgkin and non-Hodgkin lymphoma**  
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- XLVII. **A Case of Extra-Adrenal Paraganglioma Localized in Retroperitoneum Diagnosed With FDG-PET Case Report and Review of the Literature**  
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- XLVIII. **Differences in Cerebral Blood Flow Following Risperidone Treatment in Children with Autistic Disorder**  
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- XLIX. **Adult hepatic epitheloid haemangioendothelioma presenting with Kasabach-Merrit syndrome: a case report**  
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- L. **Artificial Neural Networks May Be A Secondary Aid To Physicians For The Interpretation Of Quantitative Myocardial Perfusion Studies**  
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- LI. **Use of 18F-FDG PET/CT in Pediatric Patients: Indications and Patient Characteristics**  
Sucak T., Akdemir Ü. Ö., Cakir T., Gokcora N., Karabacak N. I., Kapucu L. Ö., Unlu M.  
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- LII. **The Contribution of 18F-FDG PET/CT Imaging in Management of Pediatric Lymphoma Patients**  
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- LIII. **Brain FDG PET Imaging In The Differential Diagnosis Of Parkinsonism**  
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- LIV. **Quantitative Evaluation Improves Specificity Of Myocardial Perfusion SPECT In The Assessment Of Functionally Significant Intermediate Coronary Artery Stenoses : A Comparative Study With Fractional Flow Reserve Measurements**  
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- LIX. **Comparison of Interictal Brain FDG PET with MRI and Ictal EEG in Patients with Complex Partial Seizures**  
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- LX. **Comparison Of Bone Scintigraphy And F-18 FDG PET-CT Findings In The Detection Of Bone Metastasis In Patients With Lung And Breast Cancer**  
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- LXI. **Thallium-201 Myocardial Perfusion SPECT Quantification: Comparison of Quantitative Perfusion SPECT, ECToolbox and 4DMSPECT Results**  
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- LXII. **Disseminated extranodal NK/T-cell lymphoma, nasal type, with multiple subcutaneous nodules - Utility of 18F-FDG PET in staging**  
Berk V., YILDIZ R., AKDEMİR Ü. Ö., AKYÜREK N., KARABACAK N., Coskun U., Benekli M.  
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- LXIII. **Whole Body 18F-FDG PET/CT Imaging in the Detection of Primary Tumours in Patients with a Metastatic Carcinoma of Unknown Origin**

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**LXIV. F-18FDG uptake due to acinetobacter infection causing misinterpretation of treatment response in a lymphoma patient**

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## **Memberships / Tasks in Scientific Organizations**

European Association of Nuclear Medicine, Member, 2009 - Continues, Austria

Turkish Society of Nuclear Medicine - Neuropsychiatry Study Group, Member, 2002 - Continues, Turkey

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## **Scientific Refereeing**

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## **Scientific Research / Working Group Memberships**

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