

## Prof. NEŞE KARABACAK

### Personal Information

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### International Researcher IDs

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### Education Information

Post Doctorate, Johns Hopkins University, School of Medicine , Department of Radiology and Radiological Sciences, United States Of America 1995 - 1997

Expertise In Medicine, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1990 - 1994

Undergraduate, Hacettepe University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1983 - 1989

### Foreign Languages

French, A1 Beginner

German, A2 Elementary

English, C2 Mastery

### Certificates, Courses and Trainings

Science and Technology Policy, Avrupa Birliğine Giriş Bilim Politikaları konulu Tezli Sertifika, Ankara Üniversitesi, 2003

### Dissertations

Expertise In Medicine, Parkinson Hastalığında Dopamin Transport Proteini ile Pozitron Emisyon Tomografik Görüntüleme, Johns Hopkins University, School of Medicine, Departmet of Radiology, 1994

### Research Areas

Medicine

### Academic Titles / Tasks

Professor, University Of Kyrenia, School Of Medicne, Department Of Internal Medicne, 2019 - Continues

Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2005 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2000 - 2005

Assistant Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, 1998 - 2000

## Courses

Kas İskelet Sistemi ve Nükleer Tıp İncelemeleri, Undergraduate, 2021 - 2022  
Radyasyondan Korunma Yöntemleri ve Radyasyon Dozimetresi, Undergraduate, 2016 - 2017  
Gastrointestinal Sistem ve Nükleer Tıp İncelemeleri, Undergraduate, 2016 - 2017  
Santral Sinir Sistemi ve Nükleer Tıp Uygulamaları, Undergraduate, 2016 - 2017  
Pulmoner Sistemde Nükleer Tıp İncelemeleri, Undergraduate, 2016 - 2017  
Radyasyonun Biyolojik Etkileri, Undergraduate, 2016 - 2017

## Advising Theses

KARABACAK N., Yeni jenerasyon hibrid pozitron emisyon tomografi sistemlerinde lezyon lokalizasyonu ve metabolik ölçütlere etki eden faktörlerin karşılaştırmalı analizi, Expertise In Medicine, M.ÖZÇELİK(Student), 2017

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

- I. **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)
- II. **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)
- III. **Autoimmune Limbic Encephalitis Associated with Type 1 Diabetes Mellitus**  
Akin O., Ugurlu A. K., Akbas E. D., DÖĞER E., Akbas Y., BİDEÇİ A., Yuce O., GÜCÜYENER K., ÇAMURDAN M. O., KARABACAK N., et al.  
JOURNAL OF CLINICAL RESEARCH IN PEDIATRIC ENDOCRINOLOGY, vol.9, no.4, pp.387-388, 2017 (SCI-Expanded)
- IV. **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)
- V. **Gonadotropin-releasing hormone analog combined with depot medroxyprogesterone acetate in the management of endometrial hyperplasia: A prospective randomized clinical study**  
Karakilic I. D., KARABACAK R. O., KARABACAK N., GÜLER İ., Korucuoglu U.  
Journal of Reproductive Medicine, vol.61, no.4, pp.361-367, 2016 (SCI-Expanded)
- VI. **GnRH Analog Combined with Depot Medroxyprogesterone Acetate in the Management of Endometrial Hyperplasia: A Prospective Randomized Clinical Study**  
Karakilic I. D., Karabacak O., Karabacak N., Guler İ., Korucuoglu U.  
JOURNAL OF REPRODUCTIVE MEDICINE, vol.61, no.7-8, pp.361-367, 2016 (SCI-Expanded)
- VII. **Memory disorder and epilepsy occurred after head trauma: a case report**  
Erdogan S., ASLAN S., Utku C., Karapicak O. K., Capraz I., KARABACAK N.  
ANADOLU PSIKIYATRI DERGISI-ANATOLIAN JOURNAL OF PSYCHIATRY, vol.12, no.3, pp.233-236, 2011 (SCI-Expanded)
- VIII. **FDG uptake in brown adipose tissue-A brief report on brown fat with FDG uptake mechanisms and**

**quantitative analysis using dual-time-point FDG PET/CT**

Akkas B. E., Gokaslan D., Guner L., Karabacak N.

REVISTA ESPANOLA DE MEDICINA NUCLEAR, vol.30, no.1, pp.14-18, 2011 (SCI-Expanded)

- IX. **Comparison of diagnostic performances of three different software packages in detecting coronary artery disease**  
Guner L. A., KARABACAK N., Cakir T., Akdemir O. U., Kocaman S. A., Cengel A., ÜNLÜ M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.37, no.11, pp.2070-2078, 2010 (SCI-Expanded)
- X. **An open-source framework of neural networks for diagnosis of coronary artery disease from myocardial perfusion SPECT**  
Guner L. A., KARABACAK N., Akdemir O. U., KARAGÖZ P., Kocaman S. A., Cengel A., ÜNLÜ M.  
JOURNAL OF NUCLEAR CARDIOLOGY, vol.17, no.3, pp.405-413, 2010 (SCI-Expanded)
- XI. **Differences in Cerebral Blood Flow Following Risperidone Treatment in Children with Autistic Disorder**  
FOTO ÖZDEMİR D., KARABACAK N., Akkas B., Akdemir O., Unal F., Senol S.  
TURK PSIKIYATRI DERGISI, vol.20, no.4, pp.346-356, 2009 (SSCI)
- XII. **Artificial Neural Networks May Be A Secondary Aid To Physicians For The Interpretation Of Quantitative Myocardial Perfusion Studies**  
Guner L., Karabacak N., KARAGÖZ P., Akdemir O., Unlu M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- XIII. **Diagnostic Usefulness Of Quantitative 18F-FDG PET/CT Data In The Detection Of Bone Marrow Involvement In Primary Staging Of Lymphoma Patients**  
Cakir T., Gokcora N., Akdemir Ü. Ö., Karabacak N., Akyurek N., Cakir A., Ozkurt Z. N., Yagci M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, pp.241, 2009 (SCI-Expanded)
- XIV. **Tc-99m HMPAO Brain SPECT Findings in Clinically Seizure Negative Patients with Abnormal Sleep EEG**  
Sucak T., Karabacak N., Arhan E., Ozcelik A., Gucuyener K., Serdaroglu A., Gokcora N.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- XV. **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)
- XVI. **Thallium-201 Myocardial Perfusion SPECT Quantification: Comparison of Quantitative Perfusion SPECT, ECToolbox and 4DMSPECT Results**  
Guner L., Karabacak N., Akdemir Ü. Ö., Altan S., Cengel A., Unlu M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.35, 2008 (SCI-Expanded)
- XVII. **Effects of methylphenidate on leptin and appetite in children with attention-deficit hyperactivity disorder: An open label trial**  
Iseri E., Kilic B. G., Senol S., Karabacak N.  
METHODS AND FINDINGS IN EXPERIMENTAL AND CLINICAL PHARMACOLOGY, vol.29, no.1, pp.47-52, 2007 (SCI-Expanded)
- XVIII. **Rotational vestibular epilepsy from the temporo-parieto-occipital junction**  
Altay E., Serdaroglu A., Gucuyener K., Bilir E., Karabacak N., Thio L.  
NEUROLOGY, vol.65, no.10, pp.1675-1676, 2005 (SCI-Expanded)
- XIX. **Prospective Evaluation of Heliprobe Urea Breath Test Against Other Tests, With No Single Test as the Gold Standard**  
Ozdemir E. C., Karabacak N., Degertekin B., Cirak M., Dursun A., ÜNAL S., Unlu M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (SCI-Expanded)
- XX. **Differential Diagnosis of Solitary Pulmonary Lesions with 18-F FDG PET: A Comparison with Radiology and Histopathology**  
Akkas B. E., Unlu M., Gokcora N., Kitapci M. T., Kapucu O., Atasever T., Karabacak N.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (SCI-Expanded)

- XXI. **Evaluation of early and late exercise ejection fraction values in subjects with normal <sup>99m</sup>Tc-MIBI myocardial perfusion SPECT findings**  
Akkas B. E., Gokaslan D., Ozdemir E. C., Karabacak N., Unlu M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (SCI-Expanded)
- XXII. **The evaluation of adrenal gland with <sup>18</sup>F-FDG PET/CT and the detection of adrenal metastases in patients with NSCLC**  
Can N., Unlu M., Kapucu L., Karabacak N., Atasever T., Kitapci M.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (SCI-Expanded)
- XXIII. **The value of Late Phase Imaging with <sup>18</sup>F-FDG-PET/CT for Liver Metastases**  
Akbulut A., Akkas B. E., Gokcora N., Karabacak N., Kitapci M. T.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (SCI-Expanded)
- XXIV. **Brain perfusion assessed by <sup>99m</sup>Tc-ECD SPECT imaging in pediatric patients with neurally mediated reflex syncope**  
Ilgin N., Olgunturk R., Kula S., Turan L., Tunaoglu S., Temiz H., Gokcora N., Gucuyener K.  
PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY, vol.28, no.6, pp.534-539, 2005 (SCI-Expanded)
- XXV. **Tc-<sup>99m</sup>-HMPAO SPECT in the diagnosis of brain death in children**  
Okuyaz C., Gucuyener K., Karabacak N., Aydin K., Serdaroglu A., Cingi E.  
PEDIATRICS INTERNATIONAL, vol.46, no.6, pp.711-714, 2004 (SCI-Expanded)
- XXVI. **Functional brain imaging in Sydenham's chorea and streptococcal tic disorders**  
Citak E., Gucuyener K., Karabacak N., Serdaroglu A., Okuyaz C., Aydin K.  
JOURNAL OF CHILD NEUROLOGY, vol.19, no.5, pp.387-390, 2004 (SCI-Expanded)
- XXVII. **Mu-opioid receptor binding measured by [<sup>11</sup>C]-carfentanil positron emission tomography is related to craving and mood in alcohol dependence**  
Bencherif B., Wand G., McCaul M., Kim Y., Igin N., Dannals R., Frost J.  
BIOLOGICAL PSYCHIATRY, vol.55, no.3, pp.255-262, 2004 (SCI-Expanded)
- XXVIII. **Abnormality of the left ventricular sympathetic nervous function assessed by I-123 metaiodobenzylguanidine imaging in pediatric patients with neurocardiogenic syncope**  
Olgunturk R., Turan L., Tunaoglu F., Gokcora N., Karabacak N., Azizoglu F., Kula S.  
PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY, vol.26, no.10, pp.1926-1930, 2003 (SCI-Expanded)
- XXIX. **Influence of exogenous estrogen administration on serum CA-125 originating from the endometrium**  
KARABACAK R. O., Ilgin N., Tiras B., Gursoy R., Himmetoglu O.  
INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS, vol.76, no.2, pp.169-172, 2002 (SCI-Expanded)
- XXX. **Is increased D2 receptor availability associated with response to stimulant medication in ADHD**  
Ilgin N., Senol S., Gucuyener K., Gokcora N., Atavci S., Sener S.  
DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY, vol.43, no.11, pp.755-760, 2001 (SCI-Expanded)
- XXXI. **Effect of stimulant medication on D2 receptor levels in attention deficit hyperactivity disorder.**  
Karabacak N., Penol S., Gucuyener K., Gokcora N., Atavcy S., Pender S.  
JOURNAL OF NUCLEAR MEDICINE, vol.42, no.5, 2001 (SCI-Expanded)
- XXXII. **Abnormality of left ventricular sympathetic nervous function assessed by (<sup>123</sup>I)-metaiodobenzylguanidine imaging in patients with vasovagal syncope.**  
Gokcora N., Azizoglu F., Karabacak N., Temiz N., Turan L., Olgunturk R.  
JOURNAL OF NUCLEAR MEDICINE, vol.41, no.5, 2000 (SCI-Expanded)
- XXXIII. **Analysis of dopamine transporter binding in Parkinson's disease by statistical parametric mapping**  
Ilgin N., Bencheriff B., Reich S., Dannals R., Ravert H., Frost J.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE, vol.26, no.9, pp.1138, 1999 (SCI-Expanded)
- XXXIV. **<sup>111</sup>In-labeled antimyosin scintigraphy for detection of cardiac and skeletal muscular involvement in hereditary muscular dystrophy.**  
Ilgin N., Gokcora N., Gucuyener K., Vural G., Kose G., Unlu M.  
Journal of nuclear medicine : official publication, Society of Nuclear Medicine, vol.40, pp.1222, 1999 (SCI-Expanded)
- XXXV. **In-<sup>111</sup>-labeled antimyosin scintigraphy for detection of cardiac and skeletal muscular involvement**

**in hereditary muscular dystrophy**

Ilgin N., Gokcora N., Gucuyener K., Vural G., Kose G., Unlu M.

JOURNAL OF NUCLEAR MEDICINE, vol.40, no.7, pp.1222, 1999 (SCI-Expanded)

- XXXVI. **Statistical parametric mapping of age- and sex-associated changes in brain mu opioid receptor binding in normal healthy controls.**  
Bencherif B., Ilgin N., Musachio J., Ravert H., Ravert H., Mathews W., Dannals R., Frost J.  
JOURNAL OF NUCLEAR MEDICINE, vol.40, no.5, 1999 (SCI-Expanded)
- XXXVII. **Statistical parametric mapping of brain mu opioid receptor binding changes in chronic alcoholics.**  
Bencherif B., Ilgin N., Wand G., Eldeiry S., Mangold D., Musachio J., Ravert H., Mathews W., Dannals R., Frost J.  
JOURNAL OF NUCLEAR MEDICINE, vol.40, no.5, 1999 (SCI-Expanded)
- XXXVIII. **PET imaging of the dopamine transporter in progressive supranuclear palsy and Parkinson's disease**  
Ilgin N., Zubieta J., Reich S., Dannals R., Ravert H., Frost J.  
NEUROLOGY, vol.52, no.6, pp.1221-1226, 1999 (SCI-Expanded)
- XXXIX. **Tc-99m HMPAO brain perfusion imaging in young Down's syndrome patients**  
Gokcora N., Atasever T., Karabacak N., Vural G., Gucuyener K.  
BRAIN & DEVELOPMENT, vol.21, no.2, pp.107-112, 1999 (SCI-Expanded)
- XL. **Functional imaging of neurotransmitter systems in movement disorders**  
Ilgin N.  
QUARTERLY JOURNAL OF NUCLEAR MEDICINE, vol.42, no.3, pp.179-192, 1998 (SCI-Expanded)
- XLI.  **Autoradiographic and SPECT imaging of cerebral opioid receptors with an iodine-123 labeled analogue of diprenorphine**  
Lever J., Ilgin N., Musachio J., Scheffel U., Finley P., Flesher J., Natarajan T., Wagner H., Frost J.  
SYNAPSE, vol.29, no.2, pp.172-182, 1998 (SCI-Expanded)
- XLII. **Evaluation of renal function following treatment with extracorporeal shock wave lithotripsy (ESWL): The use of whole-kidney, parenchymal and pelvic transit times**  
Ilgin N., Iftihar S., Vural G., Bozkirli I., Gokcora N.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.19, no.2, pp.155-159, 1998 (SCI-Expanded)
- XLIII. **201Tl scintigraphy in the evaluation of palpable and nonpalpable breast lesions: correlation with mammography and ultrasonography.**  
Vural G., Atasever T., Ozdemir A., Oznur I., Karabacak N., Gökçora N., Işık S., Unlü M.  
Nuklearmedizin. Nuclear medicine, vol.36, pp.282-8, 1997 (SCI-Expanded)
- XLIV. **Tl-201 scintigraphy in the evaluation of palpable and nonpalpable breast lesions: Correlation with mammography and ultrasonography**  
Vural G., Atasever T., Ozdemir A., Oznur I., Karabacak N., Gokcora N., Isik S., Unlu M.  
NUKLEARMEDIZIN, vol.36, no.8, pp.282-288, 1997 (SCI-Expanded)
- XLV. **Rapid assessment of myocardial function with MR imaging tagging: Towards on-line patient monitoring**  
Oznur I., Ilgin N., McVeigh E.  
RADIOLOGY, vol.205, pp.306, 1997 (SCI-Expanded)
- XLVI. **Assessment of brain perfusion by Tc-99m-HMPAO SPECT in akinetic mutism due to high dose intravenous methotrexate therapy**  
Karabacak N., Ozturk G., Gucuyener K., Gokcora N., Gursel T.  
CHILDS NERVOUS SYSTEM, vol.13, no.10, pp.560-562, 1997 (SCI-Expanded)
- XLVII. **MU opioid receptor upregulation induced by antidepressant treatment correlates with mood improvement in females, but not in males.**  
Bencherif B., Treisman G., Zubieta J., Ilgin N., Stumpf M., Radcliffe O., Ravert H., Mathews W., Musachio J., Dannals R., et al.  
JOURNAL OF NUCLEAR MEDICINE, vol.38, no.5, pp.400, 1997 (SCI-Expanded)
- XLVIII. **Measurement of brain Mu opioid receptor binding in alcohol dependence by PET**  
Ilgin N., Eldeiry S., Mangold D., Dannals R., Ravert H., Mathews W., Musachio J., McCaul M., Wand G., Frost J.  
JOURNAL OF NUCLEAR MEDICINE, vol.38, no.5, pp.121, 1997 (SCI-Expanded)

- XLIX. Detection of dopamine transporter Parkinson's disease: A longitudinal evaluating the progression of dopaminergic denervation**  
Ilgin N., Reich S., Bencherif B., Goldberg P., Stumpf M., Zubieta J., Ravert H., Forst J.  
JOURNAL OF NUCLEAR MEDICINE, vol.38, no.5, pp.522, 1997 (SCI-Expanded)
- L. TL-201 scintigraphy, mammography and ultrasonography in the evaluation of palpable and nonpalpable breast lesions: A correlative study**  
Ozdemir A., Oznur I., Vural G., Atasever T., Karabacak N., Gokcora N., Isik S., Unlu M.  
EUROPEAN JOURNAL OF RADIOLOGY, vol.24, no.2, pp.145-154, 1997 (SCI-Expanded)
- LI. Analysis of MU opioid receptor binding in cocaine abusers by statistical parametric mapping (SPM)**  
Bencherif B., Stumpf M., Zubieta J., Gorelick D., Ilgin N., Dannals R., Ravert H., Musachio J., Mathews W., Frost J.  
JOURNAL OF NUCLEAR MEDICINE, vol.37, no.5, pp.170, 1996 (SCI-Expanded)
- LII. SONOGRAPHICALLY GUIDED PERCUTANEOUS INJECTION OF ETHANOL IN TREATMENT OF AUTONOMOUS THYROID-NODULES - LONG-TERM FOLLOW-UP RESULTS**  
OEZDEMİR H., ILGIT E., YUCEL C., ISIK S., GAKIR N., ILGIN N.  
RADIOLOGY, vol.197, pp.271, 1995 (SCI-Expanded)
- LIII. TC-99M HMPAO SPECT IN CHILDREN WITH DEVELOPMENTAL SPEECH DISORDERS WITH/WITHOUT MENTAL-RETARDATION**  
ILGIN N., GOKCORA N., GUCUYENER K., VURAL G.  
JOURNAL OF NUCLEAR MEDICINE, vol.35, no.5, 1994 (SCI-Expanded)
- LIV. ARTIFICIAL NEURAL NETWORKS APPLIED TO DIAGNOSIS OF PULMONARY-EMBOLISM**  
ILGIN N., SZABO Z., PITAKTONG U., CIVELEK A., SOSTRE S.  
JOURNAL OF NUCLEAR MEDICINE, vol.35, no.5, 1994 (SCI-Expanded)
- LV. Regional cerebral blood flow in Angelman syndrome.**  
Gücüyener K., Gökçora N., Ilgin N., Buyan N., Sayli A.  
European journal of nuclear medicine, vol.20, pp.645-7, 1993 (SCI-Expanded)
- LVI. EARLY DETECTION OF BRAIN INVOLVEMENT IN WILSONS-DISEASE BY TC-99M HMPAO BRAIN SPECT**  
GOKCORA N., GUCUYENER K., OZGUVEN M., ILGIN N., BAYHAN H.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE, vol.19, no.8, pp.730, 1992 (SCI-Expanded)
- LVII. EVALUATION OF THE ACUTE CHANGES IN RENAL-FUNCTION AFTER EXTRACORPOREAL SHOCK-WAVE LITHOTRIPSY BY TC-99M DTPA RENAL SCINTIGRAPHY**  
ILGIN N., GOKCORA N., AHMED S., BOZKIRLI I., BAYHAN H.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE, vol.19, no.8, pp.618, 1992 (SCI-Expanded)

## Articles Published in Other Journals

- I. Curriculum Implementation for Leadership and Teamwork: Medical Students**  
BUDAĞOĞLU İ. İ., COŞKUN Ö., Karabacak O., KARABACAK N.  
GAZI MEDICAL JOURNAL, vol.32, no.1, pp.23-27, 2021 (ESCI)
- II. Hareket Bozukluklarında Beyin F-18 FDG PET/BT'nin Yeri**  
AKDEMİR Ü. Ö., KARABACAK N., ATAY L. Ö.  
Türkiye Klinikleri Nükleer Tıp Özel Dergisi, vol.3, no.2, pp.153-160, 2017 (Non Peer-Reviewed Journal)
- III. PET/MRG'nin Nöropsikiyatrik Beyin Görüntülemesine Katkıları**  
AKDEMİR Ü. Ö., KARABACAK N., ATAY L. Ö.  
Türkiye Klinikleri Nükleer Tıp Özel Dergisi, vol.3, no.2, pp.174-181, 2017 (Non Peer-Reviewed Journal)
- IV. Metabolik Beyin Görüntülemesinde SPM Kullanımı**  
AKDEMİR Ü. Ö., KARABACAK N., ATAY L. Ö.  
Türkiye Klinikleri Nükleer Tıp Özel Dergisi, vol.3, no.2, pp.57-61, 2017 (Non Peer-Reviewed Journal)
- V. Nörolojik Görüntülemelerde Pozitron Emisyon Tomografisi/Manyetik Rezonans Görüntüleme Uygulamaları**  
AKDEMİR Ü. Ö., KARABACAK N., ATAY L. Ö.

Nükleer Tıp Seminerleri, vol.3, no.1, pp.52-58, 2017 (Non Peer-Reviewed Journal)

- VI. **Pozitron Emisyon Tomografi/Manyetik Rezonans Görüntüleme Kullanımında Günlük İş Akışı ve Protokol Optimizasyonu**  
AKDEMİR Ü. Ö., KARABACAK N.  
Nükleer Tıp Seminerleri, vol.3, no.1, pp.12-21, 2017 (Non Peer-Reviewed Journal)
- VII. **Gazi Üniversitesi Tıp Fakültesi, Nükleer Tıp Anabilim Dalı 2015 Aralık-2017 Şubat PET/MRG'nin Kullanımına Yönelik Deneyimimiz: İlk 1000 Olgudan Klinik Örnekler**  
AYDOS U., AKDEMİR Ü. Ö., ÖZÇELİK M., GÜLBAHAR S., KARABACAK N., ATAY L. Ö.  
Nükleer Tıp Seminerleri, vol.3, no.1, pp.66-77, 2017 (Non Peer-Reviewed Journal)
- VIII. **Personality and Learning Styles of Final Year Medical Students and the Impact of these Variables on Medical Specialty Choices**  
Budakoğlu I. İ., Karabacak R. O., Coşkun Ö., Karabacak N.  
Gazi Medical Journal, vol.25, no.4, pp.138-141, 2014 (Scopus)
- IX. **Demonstration of Adaptive Functional Differences Seen in Kidneys Accompanying a Nonfunctioning/Hypofunctioning Partner, using Camera Based Tc 99m MAG3 Clearance Measurement Technique**  
Akkaş B. E., Vural G. U., Akdemir Ü. Ö., Karabacak N.  
MOLECULAR IMAGING AND RADIONUCLIDE THERAPY, vol.21, no.2, pp.56-62, 2012 (ESCI)
- X. **Is the serum CA125 level originating from endometrium influenced by exogenous estrogen administration?**  
Ilgın N., KARABACAK R. O., Tiras B., GURSOY R., HIMMETOĞLU O., ELBEG S.  
Turkish Journal of Medical Sciences, vol.29, no.6, pp.673-675, 1999 (Scopus)
- XI. **Dual isotope myocardial perfusion SPECT in the detection of coronary artery disease: comparison of separate and simultaneous acquisition protocols.**  
Unlu M., Gunaydin S., Ilgin N., Inanir S., Gokcora N., Gokgoz L.  
Journal of nuclear biology and medicine (Turin, Italy : 1991), vol.37, pp.233-7, 1993 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Nükleer Tıp Kliniği Yönetimi**  
KARABACAK N.  
in: Klinik Liderlik ve Yönetimi, Cengiz Yakıncı, İrem Budakoğlu, Editor, Akademisyen Kitabevi, pp.541-557, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **Comparison of FDG PET/CT and PET/MR Imaging for Primary Staging of Newly Diagnosed Lung Cancer**  
Erbil E., AYDOS U., AKDEMİR Ü. Ö., KARABACAK N., ATAY L. Ö.  
Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Vienna, Austria, 9 - 13 September 2023
- II. **Ga68 PSMA PET/MRI in newly diagnosed prostate cancer patients: Correlation of Ga68 PSMA uptake in intraprostatic lesion with disease stage**  
Aydos U., Akdemir Ü. Ö., Gulbahar S., Gonul I., Karabacak N., Alkibay T., Atay L. Ö.  
32nd Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Barcelona, Spain, 12 - 16 October 2019, vol.46

## Supported Projects

KARABACAK N., TUBITAK Project, Functional Brain Imaging in Inhalant Substance Abuse 2000 2001, 2000 - Continues  
KARABACAK N., Project Supported by Other Official Institutions, TOF özelliğine sahip Hibrid PET sistemleri ile 18F FDG kullanılarak görüntüleme yapılan kanser vakalarında a saptanan lezyonlarda TOF ve non TOF rekonstrüksiyonunun standart alm değeri hesaplanmasına etkileri, 2016 - 2016  
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  
KARABACAK N., Project Supported by Higher Education Institutions, Diabet olgularda serebrovaskuler rezervin beyin perfuzyon spect ile değerlendirilmesi, 2002 - 2004  
KARABACAK N., Project Supported by Higher Education Institutions, Evaluation of Leptin Levels in Attention defcit Hyperactivity Disorder Before and after Methylphenidate Therapy 2000 2001, 2000 - 2001  
KARABACAK N., Other International Funding Programs, National Health Institute NIH RPN Dopamine Transport Imaging in Movement Disorders 1997 1998, 1997 - 2001  
KARABACAK N., Project Supported by Higher Education Institutions, Serotonin reuptake inhibitörlerinin, polikistik over sendromunda leptin ve insülin düzeylerine etkisinin araştırılması, 2000 - 2000  
KARABACAK N., TUBITAK Project, TÜBİTAK Turkish National Science Foundation SBAG 1469 Multicentric Evaluation of Brain Function in Attention Deficit and Hyperactivity 1996 1998, 1996 - 1998  
KARABACAK N., Other International Funding Programs, In vivo and in vitro imaging of the Opioid Receptors using I 123 Iododiprenorphine 1994 1997, 1995 - 1997

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

World Federation of Nuclear Medicine, Member, 2010 - Continues, United States Of America  
Turkish Society of Nuclear Medicine, Principal Member, 1993 - Continues, Turkey  
Society of Nuclear Medicine, Principal Member, 1993 - Continues, United States Of America  
European Society of Nuclear Medicine, Principal Member, 1993 - Continues, Austria

## **Scientific Refereeing**

NUCLEAR MEDICINE COMMUNICATIONS, SCI Journal, June 2023  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, SCI Journal, February 2023  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, SCI Journal, April 2022  
NUCLEAR MEDICINE COMMUNICATIONS, SCI Journal, January 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, January 2022  
Turkish Journal of Nuclear Medicine (. Molecular Imaging and Radionuclide Therapy), National Scientific Refreed Journal, January 2018  
NUCLEAR MEDICINE COMMUNICATIONS, SCI Journal, January 2017

## **Scientific Consultations**

Tubitak, Project Consultancy, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey, 2009 - Continues

## **Metrics**

Publication: 95  
Citation (WoS): 400  
Citation (Scopus): 505  
H-Index (WoS): 11



H-Index (Scopus): 13

## **Non Academic Experience**

Johns Hopkins Universitesi