

## **Assoc. Prof. GÜLGÜN BÜYÜKDERELİ**

### **Personal Information**

Email: gulgumb@cu.edu.tr

Web: <https://avesis.cu.edu.tr//gulgumb>

### **Education Information**

Post Doctorate, Cukurova University, Dahili Tıp Bilimleri, Nükleer Tıp, Turkey 1992 - Continues

### **Research Areas**

Medicine, Health Sciences, Internal Medicine Sciences, Nuclear medicine

### **Academic Titles / Tasks**

Associate Professor, Cukurova University, Dahili Tıp Bilimleri, Nükleer Tıp, 2007 - Continues

Associate Professor, Cukurova University, Dahili Tıp Bilimleri, Nükleer Tıp, 2007 - Continues

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

- I. **Interobserver and Intraobserver Variability among Measurements of FDG PET/CT Parameters in Pulmonary Tumors**  
BÜYÜKDERELİ G., GULER M., SEYDAOĞLU G.  
BALKAN MEDICAL JOURNAL, vol.33, no.3, pp.308-315, 2016 (SCI-Expanded)
- II. **Role of 18F-fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in the Evaluation of Cytologically Indeterminate Thyroid Nodules**  
BÜYÜKDERELİ G., AKTAR Y., KARA E., Uguz A., SÖNMEZ H.  
IRANIAN JOURNAL OF RADIOLOGY, vol.13, no.1, 2016 (SCI-Expanded)
- III. **The value of F-18-fluorodeoxyglucose positron emission tomography/computed tomography in carcinoma of an unknown primary: diagnosis and follow-up**  
Yapar Z., Kibar M., Yapar A. F., Paydaş S., Reyhan M., Kara O., Buyukdereli G., Aydin M., Kelle A. P., Ünal İ., et al.  
NUCLEAR MEDICINE COMMUNICATIONS, vol.31, pp.59-66, 2010 (SCI-Expanded)
- IV. **Effectiveness of Radiosynovectomy in Hemophilic Synovitis**  
POLAT A., BÜYÜKDERELİ G., SASMAZ I., SARGIN O., ÖZKAN C., Kibar M., ANTMEN B.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- V. **Role of technetium-99m N,N-ethylenedicycysteine renal scintigraphy in the evaluation of differential renal function and cortical defects**  
BÜYÜKDERELİ G., Guney I.  
CLINICAL NUCLEAR MEDICINE, vol.31, no.3, pp.134-138, 2006 (SCI-Expanded)
- VI. **Tc-99m MIBI uptake in traumatic vertebral fractures and metastatic vertebral lesions: Comparison with Tc-99m MDP**  
Buyukdereli G., Erman T., Kara O., Kibar M.  
ADVANCES IN THERAPY, vol.23, no.1, pp.33-38, 2006 (SCI-Expanded)

- VII. Effectiveness of diuretic injection on the measurement of differential renal function using Tc-99m DMSA in patients with a dilated renal pelvis  
 BUYUKDERELI G., GUNAY I., Seydaoglu G.  
 CLINICAL NUCLEAR MEDICINE, vol.30, no.11, pp.721-724, 2005 (SCI-Expanded)
- VIII. Thyroid hemiagenesis: a report of three cases and review of the literature  
 Buyukdereli G., Gunay I., Kibar M., Kinaci C.  
 ANNALS OF NUCLEAR MEDICINE, vol.19, no.2, pp.147-150, 2005 (SCI-Expanded)
- IX. Washout rates of Tc-99m tetrofosmin in asymmetric septal hypertrophy  
 Buyukdereli G., Kanadasi M., Kibar M.  
 ANNALS OF NUCLEAR MEDICINE, vol.19, no.1, pp.29-33, 2005 (SCI-Expanded)
- X. Lung herniation evident on lung perfusion images  
 Buyukdereli G., Kibar M., Soyupak S.  
 CLINICAL NUCLEAR MEDICINE, vol.25, no.12, pp.1061, 2000 (SCI-Expanded)
- XI. The detection of vesicoureteral reflux in a nonfunctioning kidney on a Tc-99m DTPA renal function study  
 KIBAR M., Dogruca Z., BÜYÜKDERELİ G., Noyan A., Onsel C.  
 Clinical Nuclear Medicine, vol.23, no.2, pp.108, 1998 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. Lymphocytic thyroiditis simulating thyroid cancer biochemically, radiologically and pathologically  
 İŞIK u., GÖKÇAY S., ŞİMŞEK M., PAYDAŞ S., BÜYÜKDERELİ G., UĞUZ A. H.  
 Journal of Oncological Sciences, vol.4, pp.114-115, 2018 (Peer-Reviewed Journal)
- II. Evaluation of visible physiological F 18 FDG uptake patterns in spinal cord on PET CT  
 BÜYÜKDERELİ G., KARA E., Güler M., kanat n.  
 Neurosurgery Quaterly, vol.25, no.3, pp.403-406, 2015 (Peer-Reviewed Journal)
- III. Meme kanserlerinde lenfositografi sentinel lenf nodu tespiti ve intraoperatif gamma probe uygulaması  
 GÜNEY İ. B., BÜYÜKDERELİ G., KİBAR M.  
 Çukurova Üniversitesi Tıp Fakültesi Arşiv Kaynak Dergisi, vol.14, no.3, pp.416-429, 2005 (Peer-Reviewed Journal)
- IV. Technetium-99m-MIBI Uptake in Bone Metastases; A Comparative Study with Technetium-99m-MDP  
 Buyukdereli G., Kara O., Kibar M., Şahin B.  
 J Women s Imaging, vol.7, no.2, pp.65-70, 2005 (Peer-Reviewed Journal)
- V. Evaluation of differential renal function with Tc 99m DMSA and Tc 99m DTPA renal scintigraphies  
 BÜYÜKDERELİ G., NURSAL G. N.  
 Çukurova Üniversitesi Sağlık Bilimleri Dergisi, vol.21, pp.21-25, 2005 (Peer-Reviewed Journal)
- VI. Bone Scan Findings of Sacrococcygeal Chordoma and Uterine Leiomyoma  
 Buyukdereli G., Guney I., Kibar M.  
 Journal of Women's Imaging, vol.6, no.4, pp.171-174, 2004 (Peer-Reviewed Journal)
- VII. Bone scan findings of sacrococcygeal chordoma and uterine leimyoma  
 Büyükereli G., Güney İ. B., Kibar M.  
 JOURNAL OF WOMEN'S IMAGING, vol.6, no.4, pp.171-174, 2004 (Peer-Reviewed Journal)
- VIII. Çocuklarda diferansiyel renal fonksiyonun DMSA sintigrafisi ile hesaplanması planar posterior ve geometrik ortalama metodlarının karşılaştırılması  
 BÜYÜKDERELİ G., NURSAL G. N.  
 Çukurova Üniversitesi Sağlık Bilimleri Dergisi, vol.20, pp.47-51, 2004 (Peer-Reviewed Journal)
- IX. Koroner arter hastalığında serum insulin dehidroepiandrosteron sulfat growth hormon ve insulin like growth faktör 1 seviyeleri  
 BÜYÜKDERELİ G., BOZKURT A., SARGIN Ö.  
 Çukurova Üniversitesi Tıp Fakültesi Dergisi, vol.29, pp.35-42, 2004 (Peer-Reviewed Journal)

- X. **Hydrocele detected during bone scintigraphy**  
 BÜYÜKDERELİ G., GÜNEY İ. B., ESRA K., NURSAL G. N.  
 Turkish Journal of Nuclear Medicine, vol.12, no.4, pp.170-172, 2003 (Peer-Reviewed Journal)
- XI. **Incisional hernia detected on renal scan**  
 Büyükereli G., Kibar M.  
 Turkish Journal of Nuclear Medicine, vol.12, pp.112-113, 2003 (Peer-Reviewed Journal)
- XII. **Presentation of unusually dilated left extrarenal pelvis mimicking dilatation of left ureter**  
 BÜYÜKDERELİ G., TUNCER R., SARGIN Ö.  
 Turkish Journal of Nuclear Medicine, vol.11, pp.155-157, 2002 (Peer-Reviewed Journal)
- XIII. **A new method for ultrasonographic determination of ascitic volume**  
 SERİN E., BÜYÜKDERELİ G., ÇOLAKOĞLU S., SARGIN Ö.  
 Annals of Medical Sciences, vol.8, pp.58-62, 1999 (Peer-Reviewed Journal)
- XIV. **Miyokard perfüzyon sintigrafisinde diyastol sonu görüntülerin değerlendirilmesi**  
 BÜYÜKDERELİ G., SARGIN Ö., BOZKURT A., USAL A.  
 Turkish Journal of Nuclear Medicine, vol.8, pp.119-129, 1999 (Peer-Reviewed Journal)
- XV. **Aynı hastanın kaptoprilli renografisinde iki farklı sonuç**  
 BÜYÜKDERELİ G., SARGIN Ö., PAYDAŞ S.  
 Çukurova Üniversitesi Tıp Fakültesi Dergisi, vol.23, pp.230-232, 1998 (Peer-Reviewed Journal)
- XVI. **Gated technetium 99m tetrofosmin SPECT in differentiation artifact from infarct**  
 KİBAR M., doğruca z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.  
 Turkish Journal of Nuclear Medicine, 1997 (Peer-Reviewed Journal)
- XVII. **Tc-99m Tetrofosmin Myocardial SPECT Imaging in the Evaluation of Coronary Artery Disease**  
 KİBAR M., Buyukdereli G., DOĞRUCA YAPAR Z., KABASAKAL L., USAL A., ÖNSEL Ç.  
 Turkish J Nucl Med, vol.6, no.3, pp.166-173, 1997 (Peer-Reviewed Journal)
- XVIII. **Gated Technetium-99m-tetrofosmin SPECT in Differentiation Artifact from Myocardial Infarct.**  
 KİBAR M., USAL A., ÖNSEL Ç., Buyukdereli G., KABASAKAL L., DOĞRUCA YAPAR Z., ŞAN M.  
 Turkish J Nucl Med, vol.6, no.3, pp.153-161, 1997 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Tüm vücut taramada diffüz karaciğer tutulumunun klinik önemi**  
 Özbay P., YAPAR Z., BÜYÜKDERELİ G., Güler M., kelle a.  
 Ulusal Nükleer Tıp Kongresi, Turkey, 1 - 03 January 2015, vol.1, pp.26
- II. **Multisentrik Castleman hastalıklı olguda F 18 FDG PET BT nin tanışal değeri ve hasta yönetimine katkısı**  
 TÜMKAYA E., BÜYÜKDERELİ G., PAYDAŞ S., KILIÇ BAĞIR E.  
 XXVII. Ulusal Nükleer Tıp Kongresi, Turkey, 1 - 03 January 2015, vol.1, pp.38
- III. **Effects of radiation synovectomy in the hemophilic joints as evidenced by MRI**  
 POLAT A., BÜYÜKDERELİ G., Sasmaç I., Sargin O., ÖZKAN C., Kibar M., Antmen B., Bicakci K.  
 23rd Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), Vienna, Austria, 9 - 13 October 2010, vol.37
- IV. **Technetium-99m-tetrofosmin SPECT in Differentiation Artifact from Myocardial Infarct**  
 KİBAR M., DOĞRUCA YAPAR Z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.  
 European Association of Nuclear Medicine Congress, Glasgow, United Kingdom, 23 - 27 August 2007, vol.24, no.8, pp.970
- V. **Effectiveness of diuretic injection on the measurement of differential renal function using Tc 99m DMSA in patients with dilated renal pelvis**  
 BÜYÜKDERELİ G., GÜNEY İ. B., SEYDAOĞLU G.  
 Australian and New Zealand Society of Nuclear Medicine 35th Annual Scientific Meeting, 30 April - 02 May 2005
- VI. **Bone scintigraphy and viability of vascularized bone grafts**

- BÜYÜKDERELİ G., GÜNEY İ. B., GÖKHAN Ö., KESİKTAŞ E.  
Australian and New Zeland Society of Nuclear Medicine 35th Annual Scientific Meeting, 30 April - 02 May 2005
- VII. **Bone scintigraphy in patients with breast cancer**  
BÜYÜKDERELİ G., GÜNEY İ. B., KARA İ. O.  
Australian and New Zeland Society of Nuclear Medicine 35th Annual Scientific Meeting, 30 April - 02 May 2005
- VIII. **Role of Technetium 99m N N ethylenedicycysteine renal scintigraphy in the evaluation of differential renal function and cortical defects**  
BÜYÜKDERELİ G., GÜNEY İ. B.  
Australian and New Zeland Society of Nuclear Medicine 35th Annual Scientific Meeting, 30 April - 02 May 2005
- IX. **Tc-99m MIBI findings of acute vertebral fractures in traumatic patients: Preliminary results**  
Buyukdereli G., Erman T., Kara O., Kibar M.  
Annual Congress of the European-Association-of-Nuclear-Medicine, Helsinki, Finland, 4 - 08 September 2004, vol.31
- X. **Demonstration of vesicorectal fistula on renal scintigraphy**  
BÜYÜKDERELİ G., GÜNEY İ. B.  
6th international congress of nuclear oncology ant 17th national congress of turkish society of nuclear medicine, 1 - 05 May 2004
- XI. **Hydrocell detected during bone scintigraphy**  
BÜYÜKDERELİ G., GÜNEY İ. B., ESRA K., NURSAL G. N.  
6th international congress of nuclear oncology ant 17th national congress of turkish society of nuclear medicine, 1 - 05 May 2004
- XII. **Hemiagenesis of the thyroid gland with toxic multinodular goiter**  
BÜYÜKDERELİ G., GÜNEY İ. B.  
6th International Congress of Nuclear Oncology 17th National Congress of Turkish Society of Nuclear Medicine, 1 - 05 May 2004
- XIII. **Bone scan findings of sacrococcygeal chordoma and uterine leiomyoma**  
BÜYÜKDERELİ G., GÜNEY İ. B., KİBAR M.  
6th international congress of nuclear oncology ant 17th national congress of turkish society of nuclear medicine, Izmir, Turkey, 1 - 05 May 2004
- XIV. **Excisional Hernia Detected on Renal Scan. XVI. Ulusal Nükleer Tıp Kongresi**  
Buyukdereli G., KİBAR M.  
Turkish Journal of Nuclear Medicine, Samsun, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.54
- XV. **Asimetrik Septal Hipertrofi ve Artmış Tc-99m Tetrofosmin Temizlenme Hızı**  
Buyukdereli G., Kanadaşı M., Kibar M., Sargin Ö.  
XVI. Ulusal Nükleer Tıp Kongresi, Samsun, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.35
- XVI. **Tc-99m EC Sintigrafisinde Tespit Edilen Eksizyonel Herni Vakası**  
BÜYÜKDERELİ G., KİBAR M.  
XVI. Ulusal Nükleer Tıp Kongresi, Samsun, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.69
- XVII. **Kemik Sintigrafisi Sırasında Tespit Edilen İnguinal Herni.**  
Buyukdereli G., KİBAR M.  
XVI. Ulusal Nükleer Tıp Kongresi, Samsun, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.55
- XVIII. **Tc-99m DTPA ve Tc-99m DMSA Sintigrafilerinde Kros Renal Ektopi Tanısı.**  
Buyukdereli G., KİBAR M.  
XVI. Ulusal Nükleer Tıp Kongresi, Sakarya, Turkey, 10 - 14 May 2003, vol.12, no.1, pp.70
- XIX. **Metastazlarını Değerlendirmede Tc-99m-MIBI Sintigrafinin Rolü**  
ŞAHİN B., Buyukdereli G., KİBAR M., Kara O.  
XV. Ulusal Kanser Kongresi, Antalya, Turkey, 23 - 27 April 2003, no.0, pp.66
- XX. **Increased washout rates of technetium 99m tetrofosmin in asymmetric septal hypertrophy**  
BÜYÜKDERELİ G., KANADAŞI M., KİBAR M., SARGIN Ö., ACARTURK E.  
Annual Congress of the European Association of Nuclear Medicine, 1 - 03 February 2003
- XXI. **Technetium 99m MIBI uptake in bone metastases A comparative study with technetium 99m MDP**

- BÜYÜKDERELİ G., KİBAR M., KARA İ. O., ŞAHİN B.  
Annual Congress of the European Association of Nuclear Medicine, 1 - 03 January 2003
- XXII. **Postoperatif Dönemde Ödem Gelişen ve Gelişmeyen Serbest Flep Olgularında Lenfositografi Sonuçları.**  
Buyukderecli G., ARSLAN E., DEMİRKAN F., GÜRBÜZ O., ÜNAL Ş., KİBAR M.  
. 24. Ulusal Türk Plastik Rekonstruktif ve Estetik Cerrahi Derneği Kongresi, Ankara, Turkey, 18 - 20 October 2002,  
no.0, pp.32-33
- XXIII. **Gated technetium 99m tetrofosmin SPECT in differentiation artifact from infarct**  
KİBAR M., DOĞRUCA Z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.  
Annual Congress of the European Association of Nuclear Medicine, 1 - 03 January 1997, vol.24, pp.970

## Supported Projects

GÜNEY İ. B., DOĞRUCA YAPAR Z., BÜYÜKDERELİ G., Project Supported by Higher Education Institutions, SPECT/BT  
Hepatik Arter Perfüzyon Sintigrafisindeki Perfüzyon Paterni ile Y-90 Mikroküre Tedavisine Cevap Arasındaki İlişki, 2015  
- 2017

## Metrics

Publication: 56  
Citation (WoS): 53  
Citation (Scopus): 61  
H-Index (WoS): 5  
H-Index (Scopus): 5

## Non Academic Experience

Saint Vincents Hospital and Medical Center, Academic Medical Center of New York Medical College, Valhalla, New York,  
USA