

## Assoc. Prof. GULTEKİN KARAKUS

### Personal Information

Web: <https://avesis.acibadem.edu.tr/704>

### Education Information

Doctorate, Yeditepe University, Institute Of Health Sciences, Farmakognozi (Dr), Turkey 2008 - 2014

Undergraduate, Yeditepe University, Faculty Of Pharmacy, Eczacılık Pr. (İngilizce) (Ücretli), Turkey 2003 - 2008

### Dissertations

Doctorate, Phytochemical and biological investigations on *Scutellaria Hastifolia* L., Yeditepe University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), 2014

### Academic and Administrative Experience

Acibadem Mehmet Ali Aydınlar University, 2016 - Continues

Acibadem Mehmet Ali Aydınlar University, 2016 - Continues

Altınbas University, 2014 - 2015

Altınbas University, 2014 - 2015

### Courses

PHAR 322 Farmakognozi II+Lab. II, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019

PHAR 321 Farmakognozi I+Lab. I, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019

IEY 513 Endüstriyel Fitoterapi (Yüksek Lisans), Postgraduate, 2021 - 2022, 2018 - 2019, 2016 - 2017

PHAR 493 Tercihli Staj II, Undergraduate, 2021 - 2022

PHAR 594 İşletmede Mesleki Eğitim II, Undergraduate, 2021 - 2022

PHAR 531 Aromaterapi, Undergraduate, 2021 - 2022

PHAR 220+224 Farmasötik Botanik+Lab., Undergraduate, 2021 - 2022

PHAR 501 Mezuniyet Projesi I, Undergraduate, 2021 - 2022, 2020 - 2021

PHAR 393 Tercihli Staj I, Undergraduate, 2021 - 2022

PHAR 421 Fitoterapi ve Uygulamaları, Undergraduate, 2021 - 2022, 2020 - 2021

PHAR 593 İşletmede Mesleki Eğitim I, Undergraduate, 2021 - 2022

PHAR 502 Mezuniyet Projesi II, Undergraduate, 2021 - 2022, 2020 - 2021

PHAR 532 Bitki İlaç Etkileşimleri, Undergraduate, 2021 - 2022, 2020 - 2021

PHAR 291 Staj I, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019

PHAR 503 Nutrasötikler ve Gıda Destekleri, Undergraduate, 2021 - 2022, 2020 - 2021

PHAR 211 Fizyopatoloji, Undergraduate, 2021 - 2022

PHAR 101 Eczacığa Giriş ve Terminoloji, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017

PHAR 220 Farmasötik Botanik+Lab., Undergraduate, 2020 - 2021, 2018 - 2019

IEY 513 Endüstriyel Fitoterapi (Yüksek Lisans), Undergraduate, 2020 - 2021

PHAR 491 Seçmeli Staj, Undergraduate, 2020 - 2021

PHAR 391 Staj II, Undergraduate, 2020 - 2021

PHAR 406 Kaynak ve Literatür Değerlendirme, Undergraduate, 2020 - 2021

PHAR 104 Eczacılıkta Bilgisayar Kullanımı, Undergraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017

PHAR 222 Farmasötik Botanik+Lab., Undergraduate, 2017 - 2018

PHAR 122 Farmasötik Botanik+Uygulama, Undergraduate, 2014 - 2015

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

- I. **Easily measurable, noninvasive, and novel finding for pulmonary hypertension: Hypertrophy of the basal segment of septomarginal trabeculation of right ventricle**  
Karakus G., Zencirci E., Degirmencioglu A., Guevnc T. S., Aksu H. U., Yildirim A.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.34, no.2, pp.290-295, 2017 (SCI-Expanded)
- II. **An unusual type of partial anomalous pulmonary venous return with all pulmonary veins draining to left atrium (!)**  
Karakus G., Ozyilmaz S., Zencirci E., Degirmencioglu A., Kiris A.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.223, pp.173-175, 2016 (SCI-Expanded)
- III. **Pulmonary artery to aorta ratio for the detection of pulmonary hypertension: cardiovascular magnetic resonance and invasive hemodynamics in heart failure with preserved ejection fraction**  
Karakus G., Kammerlander A. A., Aschauer S., Marzluf B. A., Zotter-Tufaro C., Bachmann A., Degirmencioglu A., Duca F., Babayev J., Pfaffenberger S., et al.  
JOURNAL OF CARDIOVASCULAR MAGNETIC RESONANCE, vol.17, 2015 (SCI-Expanded)
- IV. **Comparison of Effects of Low- versus High-Dose Heparin on Access-Site Complications during Transradial Coronary Angiography: A Double-Blind Randomized Study**  
Degirmencioglu A., Buturak A., Zencirci E., Karakus G., Guvenc T. S., Akyol A., Esen A., Demirci Y., Sipahi I., Dagdelen S., et al.  
CARDIOLOGY, vol.131, no.3, pp.142-148, 2015 (SCI-Expanded)
- V. **The Association between Subclinical Hypothyroidism and Epicardial Adipose Tissue Thickness**  
Belen E., Degirmencioglu A., Zencirci E., Tipi F. F., Altun O., Karakus G., Helvaci A., Zencirci A. E., Kalaycioglu E.  
KOREAN CIRCULATION JOURNAL, vol.45, no.3, pp.210-215, 2015 (SCI-Expanded)
- VI. **The relationship between epicardial adipose tissue and ST-segment resolution in patients with acute ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention**  
Zencirci E., Zencirci A. E., Degirmencioglu A., Karakus G., Ugurlucan M., Ozden K., Erdem A., Gullu A. Ü., Ekmekci A., Velibey Y., et al.  
HEART AND VESSELS, vol.30, no.2, pp.147-153, 2015 (SCI-Expanded)
- VII. **Efficacy of Oral Hydration in the Prevention of Contrast-Induced Acute Kidney Injury in Patients Undergoing Coronary Angiography or Intervention**  
Akyuz S., Karaca M., Oz T. K., Altay S., Gungor B., Yaylak B., Yazici S., Ozden K., Karakus G., Cam N.  
NEPHRON CLINICAL PRACTICE, vol.128, pp.95-100, 2014 (SCI-Expanded)
- VIII. **Diagnostic Value of Strain Echocardiography, Galectin-3, and Tenascin-C Levels for the Identification of Patients with Pulmonary and Cardiac Sarcoidosis**  
Kul Ş., Ozcelik H. K., Uyarel H., KARAKUS G., Guvenc T. S., Yalcinsoy M., Asoglu E., Kemik A. S., Tasal A., Gungor S., et al.  
LUNG, vol.192, no.4, pp.533-542, 2014 (SCI-Expanded)
- IX. **The effect of mild left ventricular diastolic dysfunction on outcome after isolated coronary bypass surgery**  
Degirmencioglu A., Senay S., Gullu U., Zencirci E., Karakus G., Ugur M., Buturak A., Alhan C.  
KARDIOLOGIA POLSKA, vol.72, no.6, pp.541-545, 2014 (SCI-Expanded)

- X. **A rare manifestation of atrial fibrillation in the presence of Wolff Parkinson White syndrome tachycardia induced cardiomyopathy**  
DEĞİRMENCİOĞLU A., KARAKUŞ G., BAYSAL E., ZENCİRCİ E., ÇAKMAK N.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.42, no.2, pp.178-181, 2014 (SCI-Expanded)
- XI. **Cardiac Magnetic Resonance Postcontrast T1 Time Is Associated With Outcome in Patients With Heart Failure and Preserved Ejection Fraction**  
Mascherbauer J., Marzluf B. A., Tufaro C., Pfaffenberger S., Graf A., Wexberg P., Panzenboeck A., Jakowitsch J., Bangert C., Laimer D., et al.  
CIRCULATION-CARDIOVASCULAR IMAGING, vol.6, no.6, pp.1056-1065, 2013 (SCI-Expanded)
- XII. **Echocardiography-Guided or "Sided" Pericardiocentesis**  
Degirmencioglu A., Karakus G., Guvenc T. S., Pinhan O., Sipahi I., Akyol A.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.30, no.9, pp.997-1000, 2013 (SCI-Expanded)
- XIII. **Thrombus at Ostium of Coronary Sinus Discovered during Evaluation for Cardiac Resynchronization Therapy**  
Guvenc T. S., Karakus G., Karabag Y., Ozen K., Balci B.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.29, no.7, 2012 (SCI-Expanded)
- XIV. **Usefulness of Live/Real Time Three-Dimensional Transthoracic Echocardiography in Evaluation of Prosthetic Valve Function**  
Singh P., Inamdar V., Hage F. G., Kodali V., Karakus G., Suwanjutha T., Hsiung M. C., Nanda N. C.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.26, no.10, pp.1236-1249, 2009 (SCI-Expanded)
- XV. **Transthoracic Doppler Echocardiographic Coronary Flow Imaging in Identification of Left Anterior Descending Coronary Artery Stenosis in Patients with Left Bundle Branch Block**  
Soylu O., Celik S., Karakus G., Yildirim A., Ergelen M., Zencirci E., Aksu H., Tezel T.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.25, no.10, pp.1065-1070, 2008 (SCI-Expanded)
- XVI. **Comparative assessment of left atrial appendage by transesophageal and combined two- and three-dimensional transthoracic echocardiography**  
Karakus G., Kodali V., Inamdar V., Nanda N. C., Suwanjutha T., Pothineni K. R.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.25, no.8, pp.918-924, 2008 (SCI-Expanded)
- XVII. **Effect of alcohol-induced septal ablation on left atrial volume and ejection fraction assessed by real time three-dimensional transthoracic echocardiography in patients with hypertrophic cardiomyopathy**  
Hage F. G., Karakus G., Luke W. D., Suwanjutha T., Nanda N. C., Aqel R. A.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.25, no.7, pp.784-789, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Postmenopozal Hastalardaki Düşük Kemik Yoğunluğu ile Aortun Elastik Parametreleri Arasındaki İlişki**  
KARAKUŞ G., TARAKTAŞ A., DEĞİRMENCİOĞLU A., ZENCİRCİ E., AKSU H., EREN M.  
Medical Network Kardiyoloji, vol.23, pp.120-125, 2016 (Peer-Reviewed Journal)
- II. **Robotic Septal Myectomy and Mitral Valve Repair for Idiopathic Hypertrophic Subaortic Stenosis With Systolic Anterior Motion**  
Bayburt S., Senay S., Gullu A. Ü., Kocyigit M., Karakus G., Batur M. K., Alhan C.

INNOVATIONS-TECHNOLOGY AND TECHNIQUES IN CARDIOTHORACIC AND VASCULAR SURGERY, vol.11, no.2, pp.146-149, 2016 (Peer-Reviewed Journal)

- III. **Reversal of Severe Vasospasm Causing Transradial Angiogram Catheter Entrapment by Low Dose Sedation**  
ZENCİRCİ E., DEĞİRMENCİOĞLU A., KARAKUŞ G.  
Acibadem Üniversitesi Sağlık Bilimleri Dergisi, vol.6, no.2, pp.110-112, 2016 (Peer-Reviewed Journal)
- IV. **The Association Between Severity of ST segment Elevation and Antegrade or Retrograde Residual Coronary Flow in the Infarct Related Artery in Patients with Acute Myocardial Infarction**  
AKYOL A., DEĞİRMENCİOĞLU A., ZENCİRCİ E., KARAKUŞ G., ESEN ZENCİRCİ A., BUTURAK A.  
Experimental & Clinical Cardiology, vol.20, no.8, pp.2584-2597, 2014 (Peer-Reviewed Journal)
- V. **Pleating Artifact in Circumflex and Left Main Coronary Arteries Resembling Dissection During PCI.**  
DEĞİRMENCİOĞLU A., KARAKUŞ G., ZENCİRCİ E.  
Cath Lab Digest, vol.21, no.10, pp.2-3, 2013 (Peer-Reviewed Journal)
- VI. **Imaging Techniques and Coronary Artery Disease A review**  
KARAKUŞ G., DEĞİRMENCİOĞLU A., GÜVENÇ T. S., GÜNER A. L.  
HAMDAN MEDICAL JOURNAL, vol.6, no.1, pp.5-28, 2013 (Peer-Reviewed Journal)
- VII. **Contrast Induced Nephropathy can be Surpassed with Meticulous Attention Even in Patients with Severe Renal Dysfunction**  
DEĞİRMENCİOĞLU A., KARAKUŞ G., ZENCİRCİ E., AKYOL A.  
Acibadem Üniversitesi Sağlık Bilimleri Dergisi, vol.4, no.3, pp.145-147, 2013 (Peer-Reviewed Journal)
- VIII. **Severe pulmonary hypertension secondary to giant chronic dissecting aortic aneurysm presenting as chronic right heart failure.**  
DEĞİRMENCİOĞLU A., BAYSAL E., KARAKUŞ G., BUTURAK A.  
Journal of Cardiology Cases, vol.7, no.2, pp.57-59, 2012 (Peer-Reviewed Journal)

## Books

- I. **Manual of Echocardiography**  
NANDA N. C., KARAKUŞ G., DEĞİRMENCİOĞLU A.  
Jaypee Brothers Medical Publishers Ltd, 2016
- II. **Canlı es zamanlı 3D Ekokardiyografi Live Real Time 3D echocardiography**  
KARAKUŞ G., DEĞİRMENCİOĞLU A., GÜVENÇ T. S.  
Istanbul Tıp Kitabevi, 2012

## Refereed Congress / Symposium Publications in Proceedings

- I. **Hypertrophy of right ventricular septomarginal trabeculation by CMR imaging predicts presence and severity of pulmonary hypertension and outcome**  
KARAKUŞ G., MARZLUF B. A., BONDERMAN D., TUFARO C., PFAFFENBERGER S., BABAYEV J., MAURER G., MASCHERBAUER J.  
Euro CMR 2013, 23 - 25 May 2013
- II. **Subtotal ostial occlusion of the saphenous vein graft at long term follow up due to exaggerated curtain like neointimal hyperplasia of the aortic dacron graft rather than atherosclerosis**  
DEĞİRMENCİOĞLU A., ŞENAY Ş., ZENCİRCİ E., KARAKUŞ G.  
22th Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery, 3 - 06 April 2014
- III. **Electrophysiologic effects of the statins in patients with ischemic cardiomyopathy and ventricular tachyarrhythmia**  
DEĞİRMENCİOĞLU A., KARAKUŞ G., BUTURAK A., ÇAKMAK N., AKYOL A.  
The World Congress of Clinical Lipidology, 6 - 08 December 2012

- IV. **Epicardial fat volume is inversely correlated with the degree of diastolic dysfunction and outcome in patients with heart failure with preserved ejection fraction**  
KARAKUŞ G., MARZLUF B. A., BONDERMAN D., BABAYEV J., TUFARO C., PFAFFENBERGER S., MAURER G., MASCHERBAUER J.  
SCMR Scientific Session, 1 - 03 February 2013
- V. **Is There a Need to Perform a Transesophageal Echocardiogram to Evaluate the Left Atrium and Appendage for Thrombus**  
KARAKUŞ G., KODALI V., POTHINENI K., VATSAL I., SUWANJUTAH T., NANDA N. C.  
American Cardiology Congress, 2 - 06 July 2008

## **Metrics**

Publication: 32

Citation (WoS): 319

Citation (Scopus): 365

H-Index (WoS): 9

H-Index (Scopus): 10