

## Assoc. Prof. AYLİN HATİCE YAMAÇ

### Personal Information

**Email:** ayamac@bezmialem.edu.tr

**Web:** <https://avesis.bezmialem.edu.tr/ayamac>

### Education Information

Doctorate, Universitaet Duisburg Essen, Tıp Fakültesi , Fizyoloji, Germany 2003 - 2008

### Foreign Languages

German, C1 Advanced

Spanish, B2 Upper Intermediate

English, C1 Advanced

### Academic Titles / Tasks

Assistant Professor, Bezmialem Vakıf University, Tıp Fakültesi, Dahili Bilimler, 2018 - Continues

Assistant Professor, Bezmialem Vakıf University, Tıp Fakültesi, Dahili Bilimler, 2013 - 2018

### Advising Theses

YAMAÇ A. H. , Koroner Arter Bypass Cerrahisi sonrası görülen atriyal fibrilasyon gelişiminin SIRT 1 proteini, mikro RNA 195 ve 199a ile ilişkisi, Expertise In Medicine, S.Küçükbuçcu(Student), 2016

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

- I. **Outcomes in Coronary No Reflow Phenomenon Patients and the Relationship between Kidney Injury Molecule-1 and Coronary No-Reflow Phenomenon**  
Huyut M. A. , YAMAÇ A. H.  
ARQUIVOS BRASILEIROS DE CARDIOLOGIA, vol.116, no.2, 2021 (Journal Indexed in SCI)
- II. **Diffuse myocardial calcification in a drug addict, complicating advanced life support**  
YAMAÇ A. H.  
JOURNAL OF THE PAKISTAN MEDICAL ASSOCIATION, vol.69, no.9, pp.1371-1374, 2019 (Journal Indexed in SCI)
- III. **MicroRNA 199a Is Downregulated in Patients After Coronary Artery Bypass Graft Surgery and Is Associated with Increased Levels of Sirtuin 1 (SIRT 1) Protein and Major Adverse Cardiovascular Events at 3-Year Follow-Up**  
YAMAÇ A. H. , HUYUT M. A. , Yılmaz E., ÇELİKKALE İ., BACAKSIZ A., Demir Y., Demir A. R. , Erturk M., Bakhshaliyev N., ÖZDEMİR R., et al.  
MEDICAL SCIENCE MONITOR, vol.24, pp.6245-6254, 2018 (Journal Indexed in SCI)
- IV. **Comparison of the transradial and transfemoral approach in treatment of chronic total occlusions with similar lesion characteristics**  
HUYUT M. A. , YAMAÇ A. H.

ANATOLIAN JOURNAL OF CARDIOLOGY, vol.19, no.5, pp.319-325, 2018 (Journal Indexed in SCI)

- V. **Altered expression of micro-RNA 199a and increased levels of cardiac SIRT1 protein are associated with the occurrence of atrial fibrillation after coronary artery bypass graft surgery**  
YAMAÇ A. H. , Kucukbuzcu S., OZANSOY M., Gok O., Oz K., Erturk M., Yilmaz E., Ersoy B., ZEYBEK R., Goktekin O., et al.  
CARDIOVASCULAR PATHOLOGY, vol.25, no.3, pp.232-236, 2016 (Journal Indexed in SCI)
- VI. **Evaluation of the Safety of Everolimus-Eluting Bioresorbable Vascular Scaffold (BVS) Implantation in Patients With Chronic Total Coronary Occlusions: Acute Procedural and Short-Term Clinical Results**  
Goktekin O., YAMAÇ A. H. , Latib A., Tastan A., Panoulas V. F. , Sato K., Erdogan E., Uyarel H., Shah I., Colombo A.  
JOURNAL OF INVASIVE CARDIOLOGY, vol.27, no.10, pp.461-466, 2015 (Journal Indexed in SCI)
- VII. **Role of cathepsin D activation in major adverse cardiovascular events and new-onset heart failure after STEMI**  
YAMAÇ A. H. , Sevgili E., Kucukbuzcu S., Nasifov M., Ismailoglu Z., Kilic E., Ercan C., Jafarov P., Uyarel H., BACAKSIZ A. HERZ, vol.40, no.6, pp.912-919, 2015 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Illusion or Reality? How 3-Dimensional Optical Coherence Tomography (3-D OCT) overcomes the limitations of Angiography: OCT guided percutaneous coronary intervention of a left main stem disease involving the LAD/LCx bifurcation**  
YAMAÇ A. H.  
Turk Kardiyoloji Dernegi Arsivi-Archives of the Turkish Society of Cardiology, 2018 (Other Refereed National Journals)
- II. **Effect of statins on sirtuin 1 and endothelial nitric oxide synthase expression in young patients with a history of premature myocardial infarction**  
YAMAÇ A. H. , KILIÇ Ü.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.46, no.3, pp.205-215, 2018 (Journal Indexed in ESCI)
- III. **Approach to cardiovascular disease in women in the form of questions**  
Acar R. D. , AKTOZ M., Atamaner O., Aytekin S., Bozçalı Polat E., Çelik H. G. , ÇELİK Ö., Cengiz Elçioğlu B., DİNÇER İ., YAMAÇ A. H. , et al.  
Turk Kardiyoloji Dernegi Arsivi-Archives of the Turkish Society of Cardiology, vol.46, pp.1-44, 2018 (Other Refereed National Journals)
- IV. **Clinical and angiographic outcomes at more than 1 year after treatment of chronic total occlusions with the everolimus-eluting bioresorbable vascular scaffold**  
YAMAÇ A. H. , Yildiz A., Nasifov M., Tastan A., Bashirov N., Goktekin O.  
Türk Kardiyoloji Derneği Arşiv Dergisi, vol.44, no.8, pp.647-655, 2016 (Other Refereed National Journals)
- V. **Klopidogrelden prasugrele geçiş Etkinlik ve güvenlik verileri**  
YAMAÇ A. H. , Goktekin O.  
Türk Kardiyoloji Derneği Arşivi, vol.43, pp.20-24, 2015 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

- I. **EuroSCORE II and STS score as a predictor of acute kidney injury following transcatheter aortic valve replacement: two birds with one stone?**  
BAKSHALİYEV N., KARAÇÖP E., ENHOŞ A., YAMAÇ A. H. , KAHRAMAN AY N., ÖZDEMİR R.  
36. ULUSLARARASI KATILIMLI TÜRK KARDİYOLOJİ KONGRESİ, Turkey, 3 - 06 December 2020, vol.24, pp.25-26
- II. **"Mitral klip vakasında, transseptal ponksiyon sırasında aortik iyatrojenik perforasyonun, amplatzer ductal occluder ile başarılı kapatılması"**

ENHOŞ A., KAHRAMAN AY N., ULUGANYAN M., BAKSHALİYEV N., YAMAÇ A. H. , ÇELİKKALE İ., İSMAİLOĞLU Z., BACAKSIZ A., ÖZDEMİR R.

26. Ulusal Uygulamalı Girişimsel Kardiyoloji Toplantısı, Antalya, Turkey, 25 - 28 April 2019

- III. **Coronary perforation successfully managed by antegrade coilembolization**  
Karaçöp E., ENHOŞ A., Bakshshaliyev N., KAHRAMAN AY N., İsmailoğlu Z., HUYUT M. A. , YAMAÇ A. H. , ULUGANYAN M., Şahin N., BACAKSIZ A., et al.  
34. Uluslararası Katılımlı Türk Kardiyoloji Kongresi 20-23 Ekim 2018, Antalya, Turkey, 20 - 23 October 2018
- IV. **TAVI, valve pop-out and left main occlusion in the same patient**  
Karaçöp E., ENHOŞ A., Bakshshaliyev N., KAHRAMAN AY N., İsmailoğlu Z., HUYUT M. A. , ULUGANYAN M., YAMAÇ A. H. , BACAKSIZ A., AÇIKGÖZ N., et al.  
34. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, 20 - 23 October 2018
- V. **"Micro RNA 199 a is impaired in patients with coronary artery disease and associated with increased levels of SIRT 1 protein and major adverse cardiovascular events"** Bu bildiri makale oldu.  
YAMAÇ A. H.  
34. Uluslararası Katılımlı Kardiyoloji Kongresi, Antalya, Turkey, 20 - 23 October 2018, vol.20, pp.45
- VI. **"Premature myocardial infarction: Between genetic susceptibility and life style induced risk factors"**  
YAMAÇ A. H.  
34. Uluslararası Katılımlı Kardiyoloji Kongresi, Antalya, Turkey, 20 - 23 October 2018, vol.20, pp.49
- VII. **PERİFERİK MÜDAHALEDE B PLANI! BAŞARIYA ULAŞMAK İÇİN İKİNCİ SEÇENEK VAR MI? VAKA SUNUMU**  
HUYUT M. A. , YAMAÇ A. H. , ENHOŞ A., KARAÇÖP E., İSMAYILOĞLU Z., BACAKSIZ A.  
Kardiyovasküler Akademi Kongresi 2018, Bafra, Cyprus (Kkct), 19 - 23 September 2018, pp.64
- VIII. **Imaging the vulnerable plaque/ Hassas Plakların Non-İnvaziv ve İnvaziv Görüntülenmesi**  
YAMAÇ A. H.  
14. Uluslararası Kardiyoloji ve Kardiyovasküler Cerrahide Yenilikler Kongresi, 5 - 08 April 2018
- IX. **A comparison of the transradial and transfemoral approach in treatment of chronic total occlusions with similar lesion characteristics. Bildiri makale olarak yayınlandı.**  
YAMAÇ A. H. , Nasifov M., Ismailoglu Z., Yildiz A., Goktekin O.  
33. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 5 - 08 October 2017, vol.18, pp.1-109
- X. **Percutaneous closure of iatrogenic aorta right ventricular fistula**  
HUYUT M. A. , ENHOŞ A., KARAÇÖP E., AKDEMİR B., BAKSHALİYEV N., YAMAÇ A. H. , NADİR A., İSMAYILOĞLU Z., GÖKTEKİN Ö.  
33. ULUSLARARASI KATILIMLI TÜRK KARDİYOLOJİ KONGRESİ, Antalya, Turkey, 5 - 08 October 2017, vol.18, pp.26-27
- XI. **Altered expression of micro-RNA 199a and increased levels of cardiac SIRT1 protein are associated with the occurrence of atrial fibrillation after coronary artery bypass graft surgery**Bildiri makale olarak yayınlandı.  
Yamaç A. H. , Ismailoglu Z., Kucukbuzcu S., Nadir A., Bacaksiz A., Ozdemir R.  
33. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 5 - 08 October 2017, vol.18, pp.1-109
- XII. **Transient complete atrioventricular block associated with ticagrelor therapy after acute coronary syndrome...**  
ENHOŞ A., ÇELİKKALE İ., HUYUT M. A. , karaçöp e., bakshaliyev n., ULUGANYAN M., YAMAÇ A. H. , KAHRAMAN AY N., ismayiloğlu z., ÖZDEMİR R.  
33.Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 5 - 08 October 2017
- XIII. **Title: Clinical and angiographic outcomes at more than 1 year after treatment of chronic total occlusions with the everolimus-eluting bioresorbable scaffold. Bildiri makale olarak yayınlandı.**  
YAMAÇ A. H. , Yildiz A., Nasifov M., Bacaksiz A., Ozdemir R., Goktekin O.  
33. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 5 - 08 October 2017, vol.18, pp.1-109
- XIV. **SIRT1 gene single nucleotide polymorphisms are age dependent changing and associated with premature MI**  
Kucukbuzcu S., YAMAÇ A. H. , ERTÜRK M., GÖK Ö., Bacaksiz A., Goktekin O., KILIÇ Ü.

31. Ulusal Kardiyoloji Kongresi, Turkey, 22 - 25 October 2015, vol.15, pp.1-104
- XV. **BVS in CTO: Angiographic and OCT follow up data**Bu bildiri daha sonra yayın haline getirilmiştir.  
YAMAÇ A. H. , Yildiz A., Nasifov M., Tastan A., Bashirov N., Goktekin O.  
EURO CTO Club, The Experts Live 2015, İstanbul, Turkey, 18 - 19 September 2015
- XVI. **How to implement SFL in a huge country with demographic discrepancies, Turkey?**  
YAMAÇ A. H. , Goktekin O., Tokgozoglu L.  
Stent for Life Forum 2015, Prag, Czech Republic, 1 - 02 February 2015
- XVII. **Transcatheter valve in valve implantation in the tricuspid position using a femoral and subclavian access concomitantly under fluoroscopy guidance**  
YAMAÇ A. H. , Nasifov M., Jafarov P., Asoglu E., Sevgili E., Kucukbuzcu S., ZEYBEK R., Goktekin O.  
30. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 23 - 26 October 2014, vol.14, pp.1-186
- XVIII. **Evaluation of the safety of the everolimus eluting bioresorbable vascular scaffold BVS implantation in patients with chronic coronary occlusion** Bildiri makale olarak yayınlandı.  
YAMAÇ A. H. , Bacaksiz A., Erdogan E., Nasifov M., Ismailoglu Z., Kucukbuzcu S., Tastan A., Tasal A., Goktekin O.  
30. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 23 - 26 October 2014, vol.14, pp.1-186
- XIX. **Circulating Cathepsin D affects cardiac remodeling after ST elevation myocardial infarction** Bildiri makale olarak yayınlandı.  
Sevgili E., YAMAÇ A. H. , Bacaksiz A., Nasifov M., Ismailoglu Z., Goktekin O.  
30. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 23 - 26 October 2014, vol.14, pp.1-186
- XX. **Association between serum intermedin levels and echocardiographical measures in patients who underwent primary percutaneous coronary intervention- a six month follow up study**  
SEVGİLİ E., BACAKSIZ A., YAMAÇ A. H. , ERCAN Ç.  
30 with International Participation TURKISH CARDIOLOGY CONGRESS, Kıbrıs, Cyprus (Kktc), 23 September 2014, vol.14, no.1, pp.31
- XXI. **The combined use of bioresorbable scaffolds and drug eluting stents in complex coronary lesions Successful treatment of a double chronic total occlusion**  
YAMAÇ A. H. , Nasifov M., Bacaksiz A., Ismailoglu Z., Goktekin O.  
Transcatheter Cardiovascular Therapeutics, United States Of America, 12 - 17 September 2014
- XXII. **The combined use of an Impella left ventricular assist device and extracorporeal membrane oxygenation as a bridge to decision in a patient with severe heart failure due to myocardial infarction after stent thrombosis**  
YAMAÇ A. H.  
Transcatheter Cardiovascular Therapeutics, United States Of America, 12 - 17 September 2014
- XXIII. **A saphenous vein graft lesion in a patient with challenging coronary anatomy**  
YAMAÇ A. H. , Tutar E., Goktekin O.  
Transcatheter Cardiovascular Therapeutics, 28 October - 01 November 2013
- XXIV. **Stent for Life Türkiye**  
YAMAÇ A. H. , Goktekin O.  
29. Uluslararası Katılımlı Kardiyoloji Kongresi, Antalya, Turkey, 26 - 29 October 2013
- XXV. **The combined use of Impella left ventricular assist device and extracorporeal membrane oxygenation as a bridge to decision with subsequent implantation of the Levitronix CentriMag device in a patient with severe heart failure**  
YAMAÇ A. H.  
29. Uluslararası Katılımlı Kardiyoloji Kongresi, Antalya, Turkey, 26 - 29 October 2013, vol.41, pp.79
- XXVI. **16 kDa Prolactin promotes cardiac ischemia reperfusion injury**  
YAMAÇ A. H.  
29. Uluslararası Katılımlı Kardiyoloji Kongresi, Antalya, Turkey, 26 - 29 October 2013, vol.62, pp.21
- XXVII. **Utility of the Neutrophil to Lymphocyte Ratio in Predicting In-hospital Mortality in Patients That Received Levosimendan Treatment for Acute Decompensated Heart Failure**  
Tasal A., Surgit O., BACAKSIZ A., Goktekin O., Uyarel H., Ergelen M., Erdogan E., Kul S., Sonmez O., Turfan M., et al.  
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation,

Antalya, Turkey, 26 - 29 October 2013, vol.62

- XXVIII. **Prolactin and its cleaved 16 kDa form enhance myocardial injury after ischemia reperfusion**  
YAMAÇ A. H. , Erschow S., Goffin V., Bultmann I., Struman I., Hilfiker Kleiner D.  
Congress of the European Society of Cardiology, Stockholm, Sweden, 28 August - 01 September 2010, vol.31
- XXIX. **A cleaved N terminal 16kDa prolactin fragment enhances myocardial injury after ischemia reperfusion**  
YAMAÇ A. H. , Erschow S., Goffin V., Bultmann I., Struman I., Hilfiker Kleiner D.  
ISHR International Society for Heart Research World Congress, Kyoto, Japan, 13 - 16 May 2010, vol.48, pp.1-185
- XXX. **Prolactin and its cleaved 16 kDa form enhance myocardial injury after ischemia reperfusion Evidence for beneficial effects of prolactin blockage by bromocriptine**  
YAMAÇ A. H. , Erschow S., Bultmann I., Hoch M., Stapel B., Labidi S., Goffin V., Drexler H., Hilfiker Kleiner D.  
76. Jahrestagung der Deutschen Gesellschaft für Kardiologie, Mannheim, Germany, 8 - 10 April 2010, vol.99, pp.1
- XXXI. **The pathophysiology of Peripartum CardiomyopathyThe Prolactin Hypothesis and Results of Clinical Trials**  
YAMAÇ A. H. , Hilfiker Kleiner D.  
First International Congress on Cardiac Problems in Pregnancy, Valencia, Spain, 25 - 28 February 2010
- XXXII. **Roles of the pro-angiogenic factor CCN-1 in myocardial infarction**  
YAMAÇ A. H. , Molkentin J., Hilfiker Kleiner D.  
ESC Joint Meeting Myocardial Function and Cellular Biology of the Heart 2009, Ravenna, Italy, 30 April - 03 May 2009
- XXXIII. **Cardiomyocyte specific overexpression of the pro angiogenic factor CCN1 impairs baseline cardiac function and affects post MI survival**  
YAMAÇ A. H. , Erschow S., Ragancokova D., Kozieradzka A., Krampfl K., Molkentin J. D. , Drexler H., Hilfiker Kleiner D.  
75. Jahrestagung der Deutschen Gesellschaft für Kardiologie, Mannheim, Germany, 16 - 18 April 2009, vol.98, pp.1
- XXXIV. **CONTROL OF HIF1 BY MEDIATORS OF INFLAMMATION**  
Fandrey J., Berchner Pfannschmidt U., Otto T., Stockmann C., YAMAÇ A. H. , Wotzlaw C., Frede S.  
The 86th Annual Meeting of The German Physiological Society, Germany, 25 - 28 March 2007, vol.85, pp.641-669
- XXXV. **Nitric oxide modulates oxygen sensing by HIF-1 dependent induction of prolyl hydroxylase 2Tez konusundan üretilmiştir.**  
Berchner Pfannschmidt U., YAMAÇ A. H. , Trinidad B., Fandrey J.  
Deutsche Gesellschaft für Hematologie und Medizinische Onkologie, Leipzig, Germany, 14 - 18 October 2006, vol.189
- XXXVI. **Modulation of oxygen sensing through hypoxia inducible factor 1 dependent induction of prolylhydroxylase 2 by nitric oxide Tez konusundan üretilmiştir.**  
YAMAÇ A. H. , Berchner Pfannschmidt U., Trinidad B., Fandrey J.  
84th Annual Meeting Deutsche Physiologische Gesellschaft, Germany, 6 - 09 March 2005, vol.449, pp.1-18
- XXXVII. **Nitric oxide triggers the negative feedback mechanism of hypoxia inducible factor 1 and prolylhydroxylases Tez konusundan üretilmiştir.**  
YAMAÇ A. H. , Berchner Pfannschmidt U., Trinidad B., Fandrey J.  
83rd Annual Meeting of the German Society of Physiology, Germany, 14 - 17 March 2004, vol.447, pp.158-167

## Scientific Research / Working Group Memberships

Türk Ekstrakorporeal Yaşam Destek Sistemleri Derneği, BEZMİÂLEM VAKIF ÜNİVERSİTESİ, Turkey, [www.ecmo.org.tr/](http://www.ecmo.org.tr/), 2018 - Continues

Türk Kardioloji Derneği Yönetim Kurulu Alt Birimleri Kadın Kalp Sağlığı Proje Ekibi Üyesi, BEZMİÂLEM VAKIF ÜNİVERSİTESİ, Turkey, <https://www.tkd.org.tr>, 2015 - Continues

## **Citations**

Total Citations (WOS):45

h-index (WOS):4

## **Scholarships**

Bursary of the ISHR International to attend the World Congress held in Kyoto 13-16 May, ISHR-ESC Council, Other International Organizations, 2010 - Continues

## **Awards**

YAMAÇ A. H. , En iyi sözlü bildiri 3. ödülü, Türk Kardiyoloji Derneği, October 2014