

## Lect. PhD DİLEK SÖNMEZER

### Personal Information

Office Phone: [+90 +90 322 338 6060](tel:+90+903223386060) Extension: 2028

Fax Phone: [+90 +90 322 338 6945](tel:+90+903223386945)

Email: [dsonmezer@cu.edu.tr](mailto:dsonmezer@cu.edu.tr)

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

### Education Information

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Biyomedikal Mühendisliği , Turkey 2008 - 2011

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, Stem Cell Applications: From Bench Side to Bed Side, Erciyes Üniversitesi, GENKÖK, 2013, Erciyes Üniversitesi, Betül Ziya Eren Genom ve Kök Hücre Merkezi, (Genkök), KAYSERİ, 2013

### Dissertations

Postgraduate, Histopatolojik görüntüler üzerinde bölge büyütme yöntemi ile mitoz sayımı, Erciyes University, Fen Bilimleri Enstitüsü, Biyomedikal Mühendisliği , 2012

### Research Areas

Biomedical Engineering, Engineering and Technology

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

- I. **Pericardial fluid and vascular tissue engineering: A preliminary study**  
SÖNMEZER D., LATİFOĞLU F., TOPRAK G., DÜZLER A., İŞOĞLU İ. A.  
BIO-MEDICAL MATERIALS AND ENGINEERING, vol.32, no.2, pp.101-113, 2021 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Vascular Endothelial Growth Factor (VEGF) on Cells Isolated from Pericardial Fluid**  
SÖNMEZER D., LATİFOĞLU F., TOPRAK G., DÜZLER A.  
Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.184-187

- II. **Hücre Bileşeni ve Biyomalzeme ile Vasküler Doku Üretimi**  
SÖNMEZER D., LATİFOĞLU F., İŞOĞLU İ., DÜZLER A., TOPRAK G., KAAAN CEYLAN D.  
TIP TEKNOLOJİLERİ ULUSAL KONGRESİ(TIPTEKNO'16), Antalya, Turkey, 27 - 29 October 2016, pp.205-208
- III. **Determination Of Fibrosis Score In The Ventricular Arter By Using Image Processing Techniques On Histopathological Images**  
SÖNMEZER D., LATİFOĞLU F., CİHAN BENDİRLİ Y.  
International Symposium On Sustainable Development (Issd2014), Sarajevo, Bosnia And Herzegovina, 15 - 18 May 2014, pp.159
- IV. **Cell Selection From Histopathological Images By Using Two Dimensional FIR Filter**  
SÖNMEZER D., LATİFOĞLU F.  
TIP TEKNOLOJİLERİ ULUSAL KONGRESİ(TIPTEKNO'12), Antalya, Turkey, 1 - 03 November 2012, pp.10
- V. **Cell Selection From Histopathological Images By Using Two Dimensional FIR Filter**  
SÖNMEZER D., LATİFOĞLU F.  
Tıp Teknolojileri Ulusal Kongresi, Tiptekno'12, Turkey, 1 - 03 November 2012
- VI. **Lymphocyte Cells Selection Of Celiac Microscope Images**  
SÖNMEZER D., LATİFOĞLU F., HİSAR H.  
Biomedical Engineering Meeting (BIYOMUT), 2012 17th National, İstanbul, Turkey, 3 - 05 October 2012, pp.10
- VII. **Determination of Mitosis Cells Number Using Image Processing Methods**  
LATİFOĞLU F., SÖNMEZER D., DENİZ K.  
Biomedical Engineering Meeting (BIYOMUT), 2010 15th National, Antalya, Turkey, 21 - 23 April 2010, pp.198

## Metrics

Publication: 8

## Congress and Symposium Activities

Tıp Teknolojileri Ulusal Kongresi (Tiptekno'16), 27-29 Ekim 2016 ANTALYA, TÜRKİYE, Attendee, Antalya, Turkey, 2016  
International Symposium On Sustainable Development (Issd2014),15-18 May 2014,Sarajevo/Bosnia and Herzegovina, Attendee, Sarajevo, Bosnia And Herzegovina, 2014  
Tıp Teknolojileri Ulusal Kongresi, (Tiptekno'12), 1-3rd Nov. Antalya 2012., Attendee, Antalya, Turkey, 2012  
17. National Biomedical Engineering Congress (BIYOMUT'12), 3-5th Oct. Istanbul, Turkey, 2012., Attendee, İstanbul, Turkey, 2012  
15. National Biomedical Engineering Congress (BIYOMUT'10), 21-23rd April Antalya Turkey, 2010, Attendee, Antalya, Turkey, 2010

## Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI  
MİLLİ EĞİTİM BAKANLIĞI