

## Asst. Prof. SÜREYYA BİLMEN

### Personal Information

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### International Researcher IDs

Publons / Web Of Science ResearcherID: C-7040-2016

Yoksis Researcher ID: 128325

### Education Information

Doctorate, Akdeniz University, Faculty Of Medicine, Biyokimya Anabilim Dalı, Turkey 1999 - 2005

Postgraduate, Akdeniz University, Faculty Of Medicine, Biyokimya Anabilim Dalı, Turkey 1995 - 1998

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1989 - 1994

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, Elektroforez Kursu, Türk Klinik Biyokimya Derneği, 2003

Health&Medicine, FEBS Advanced Course, FEBS, 1999

### Dissertations

Doctorate, Diyabetik ratlarda böbrek dokusu tip IV kollajenin nonenzimatik glikasyonu ve alfa-lipoik asit'in kollajen glikasyonu üzerine etkisi, Akdeniz University, Tıp Fakültesi, Biyokimya Anabilim Dalı, 2004

Postgraduate, Glukoz-6-fosfat dehidrogenaz yetmezlikli ve normal bireylerin eritrosit ve plazmalarında lipid peroksidasyonu., Akdeniz University, Tıp Fakültesi, Biyokimya Anabilim Dalı, 1998

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

### Academic Titles / Tasks

Assistant Professor, Akdeniz University, -, Tıbbi Laboratuvar Teknikleri Programı, 2018 - Continues

Assistant Professor, Akdeniz University, -, Tıbbi Laboratuvar Teknikleri Programı, 2009 - 2018

## Academic and Administrative Experience

Akdeniz University, Department of Medical Services and Techniques, Medical Laboratory Techniques, 2010 - Continues

Akdeniz University, Health Services Vocational School, 2017 - 2018

Akdeniz University, Department of Medical Services and Techniques, Medical Laboratory Techniques, 2010 - 2018

## Courses

BASIC LABORATORY PRACTICES II, Associate Degree, 2022 - 2023, 2021 - 2022

BIOCHEMICAL APPLICATIONS, Associate Degree, 2022 - 2023, 2021 - 2022

GENERAL BIOCHEMISTRY, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

BASIC LABORATORY PRACTICES II, Associate Degree, 2022 - 2023, 2021 - 2022

DIAGNOSTIC METHODS IN THE LABORATORY, Associate Degree, 2022 - 2023, 2021 - 2022

CLİNICAL BIOCHEMISTRY, Associate Degree, 2022 - 2023, 2021 - 2022

CLINICAL BIOCHEMISTRY, Associate Degree, 2022 - 2023, 2021 - 2022

MEDICAL TERMINOLOGY, Associate Degree, 2022 - 2023, 2021 - 2022

GENERAL BIOCHEMISTRY, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

BASIC LABORATORY PRACTICES I, Associate Degree, 2022 - 2023, 2021 - 2022

BASIC LABORATORY PRACTICES I, Associate Degree, 2022 - 2023, 2021 - 2022

PHYSIOLOGY, Associate Degree, 2022 - 2023, 2021 - 2022

BIOCHEMICAL APPLICATIONS, Associate Degree, 2021 - 2022, 2020 - 2021

DIAGNOSTIC METHODS IN THE LABORATORY, Associate Degree, 2022 - 2023, 2021 - 2022

MEDICAL TERMINOLOGY, Associate Degree, 2021 - 2022, 2020 - 2021

PHYSIOLOGY, Associate Degree, 2021 - 2022, 2020 - 2021

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

- I. **Appropriate dosage, timing, and site of intramuscular injections of brain-derived neurotrophic factor (BDNF) promote motor recovery after facial nerve injury in rats**  
Rink-Notzon S., Reuscher J., Wollny L., SARIKCIOĞLU L., BİLMEN S., Manthou M., Gordon T., Angelov D. N.  
Muscle and Nerve, vol.69, no.4, pp.490-497, 2024 (SCI-Expanded)
- II. **Acetyl-L-carnitine attenuates chronic ethanol-induced oxidative stress, ER stress and apoptosis in rat gastric tissue**  
ER H., Gemici A., Tas G. G., Sati L., Zengin G., BİLMEN S., DERİN N., Kelek S.  
Alcohol, vol.112, pp.51-59, 2023 (SCI-Expanded)
- III. **Quercetin: Synergistic Interaction with Antibiotics against Colistin-Resistant Acinetobacter baumannii.**  
Odabaş Köse E., Koyuncu Özyurt Ö., Bilmen S., Er H., Kilit C., Aydemir E.  
Antibiotics (Basel, Switzerland), vol.12, no.4, 2023 (SCI-Expanded)
- IV. **The effect of adiponectin and its receptors in placental development of diabetic rats**  
AVCİL Z., BİLMEN S., Hanikoglu A., KORGUN E. T., KİPMEN KORGUN D.  
BIOLOGIA, vol.76, no.6, pp.1873-1885, 2021 (SCI-Expanded)
- V. **Bleomycin Induced Sensitivity to TRAIL/Apo-2L-Mediated Apoptosis in Human Seminomatous Testicular Cancer Cells is Correlated with Upregulation of Death Receptors**  
Timur M., Cort A., Ozdemir E., SARIKCIOGLU S., ŞANLIOĞLU S., ŞANLIOĞLU A. D., Ozben T.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.15, no.1, pp.99-106, 2015 (SCI-Expanded)
- VI. **Use of a Y-Tube Conduit After Facial Nerve Injury Reduces Collateral Axonal Branching at the Lesion Site But Neither Reduces Polyinnervation of Motor Endplates Nor Improves Functional Recovery**  
HİZAY A., ÖZSOY U., DEMİREL B. M., ÖZSOY Ö., Angelova S. K., Ankerne J., Sarikcioglu S., Dunlop S. A., Angelov D. N.,

SARIKCIOĞLU L.

NEUROSURGERY, vol.70, no.6, pp.1544-1556, 2012 (SCI-Expanded)

- VII. **The hypoglossal-facial nerve repair as a method to improve recovery of motor function after facial nerve injury**  
ÖZSOY U., HIZAY A., DEMİREL B. M., ÖZSOY Ö., Sarikcioglu S., TURHAN M., SARIKCIOĞLU L.  
ANNALS OF ANATOMY-ANATOMISCHER ANZEIGER, vol.193, no.4, pp.304-313, 2011 (SCI-Expanded)
- VIII. **Type-2 diabetes down-regulates glucose transporter proteins and genes of the human blood leukocytes**  
KIPMEN-KORGUN D., BILMEN-SARIKCIOGLU S., ALTUNBAS H. A., Demir R., KORGUN E. T.  
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.69, no.3, pp.350-358, 2009 (SCI-Expanded)
- IX. **Application of a new chemiluminescence method for the determination of glucose-6-phosphate dehydrogenase activity in healthy and enzyme-deficient individuals**  
GÜMÜŞLÜ S., Yucel G., Sarikcioglu S., SERTESER M.  
Journal of Pharmacological and Toxicological Methods, vol.51, no.2, pp.169-174, 2005 (SCI-Expanded)
- X. **Antioxidant effect of EGb 761 on hydrogen peroxide-induced lipoperoxidation of G-6-PD deficient erythrocytes**  
Sarikcioglu S., ÖNER G., Tercan E.  
PHYTOTHERAPY RESEARCH, vol.18, no.10, pp.837-840, 2004 (SCI-Expanded)
- XI. **Plasma and erythrocyte magnesium, manganese, zinc, and plasma calcium levels in G-6-PD-deficient and normal male children**  
Sarikcioglu S., Gumuslu S., Uysal N. E., Aksu T.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.99, no.1-3, pp.41-47, 2004 (SCI-Expanded)
- XII. **Effects of N-nitro L-arginine methyl ester (L-NAME), a potent nitric oxide synthase inhibitor, on visual evoked potentials of rats exposed to different experimental stress models**  
Yargicoglu P., Yaras N., Agar A., Gumuslu S., Abidin I., Bilmen S.  
ACTA PHYSIOLOGICA SCANDINAVICA, vol.180, no.3, pp.307-316, 2004 (SCI-Expanded)
- XIII. **The effect of vitamin E on stress-induced changes in visual evoked potentials (VEPs) in rats exposed to different experimental stress models**  
Yargicoglu P., Yaras N., Agar A., Gumuslu S., Bilmen S., Ozkaya G.  
ACTA OPHTHALMOLOGICA SCANDINAVICA, vol.81, no.2, pp.181-187, 2003 (SCI-Expanded)
- XIV. **The effect of exercise on brain antioxidant status of diabetic rats**  
Ozkaya Y. G., Agar A., Yargicoglu P., Hacıoğlu G., Bilmen-Sarikcioglu S., Ozen I., Alıcıgüzel Y.  
DIABETES & METABOLISM, vol.28, no.5, pp.377-384, 2002 (SCI-Expanded)
- XV. **Role of nitric oxide on age-dependent alterations: Investigation of electrophysiologic and biochemical parameters**  
Ozdemir S., Yargicoglu P., Agar A., Gumuslu S., Bilmen S., Hacıoglu G.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.112, no.3, pp.263-276, 2002 (SCI-Expanded)
- XVI. **Influences of different stress models on the antioxidant status and lipid peroxidation in rat erythrocytes**  
Gumuslu S., Sarikcioglu S., Sahin E., Yargicoglu P., Agar A.  
FREE RADICAL RESEARCH, vol.36, no.12, pp.1277-1282, 2002 (SCI-Expanded)
- XVII. **Alterations in the erythrocyte antioxidant system of blood stored in blood bags**  
KORGUN D. K., BILMEN S., YEŞİLKAYA A.  
Research Communications in Molecular Pathology and Pharmacology, vol.109, no.5-6, pp.357-363, 2001 (SCI-Expanded)
- XVIII. **Correlation between age, body size and thyroid volume in an endemic area**  
Semiz S., Senol U., Bircan O., Gumuslu S., Bilmen S., Bircan I.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.24, no.8, pp.559-563, 2001 (SCI-Expanded)
- XIX. **The alterations in the erythrocyte antioxidant system of the blood that stored in blood bags**  
KIPMEN KORGUN D., BILMEN S., YEŞİLKAYA A.

RESEARCH COMMUNICATIONS IN MOLECULAR PATHOLOGY AND PHARMACOLOGY, vol.109, no.5-6, pp.357-363, 2001 (SCI-Expanded)

- XX. **The effect of sulfur dioxide on t-butyl hydroperoxide induced oxidative stress in lung tissues of rats**  
GÜMÜŞLÜ S., KİPMEN KORGUN D., BİLMEN S., Yücel G., Yargıçoğlu P., Açar A.  
Turkish Journal of Medical Sciences, vol.31, no.2, pp.121-125, 2001 (SCI-Expanded)
- XXI. **Age-related changes in antioxidant enzyme activities and lipid peroxidation in lungs of control and sulfur dioxide exposed rats**  
Gumuslu S., Bilmen S., Korgun D., Yargicoglu P., Agar A.  
FREE RADICAL RESEARCH, vol.34, no.6, pp.621-627, 2001 (SCI-Expanded)
- XXII. **Antioxidant capacity of G-6-PD-deficient erythrocytes**  
BILMEN S., AKSU T., GUMUSLU S., KORGUN D., Canatan D.  
CLINICA CHIMICA ACTA, vol.303, no.1-2, pp.83-86, 2001 (SCI-Expanded)
- XXIII. **Effects of sulfur dioxide inhalation on plasma vitamin C and ceruloplasmin in ageing rats**  
Gumuslu S., Korgun D., Bilmen S., Yargicoglu P., Agar A.  
INDUSTRIAL HEALTH, vol.38, no.3, pp.319-322, 2000 (SCI-Expanded)
- XXIV. **Effect of sulfur dioxide inhalation on erythrocyte antioxidant status and lipid peroxidation in experimental diabetes**  
Agar A., Kucukatay V., Yargicoglu P., Bilmen S., Gumuslu S., Yucel G.  
DIABETES & METABOLISM, vol.26, no.2, pp.140-144, 2000 (SCI-Expanded)
- XXV. **Age-related alterations in antioxidant enzymes, lipid peroxide levels, and somatosensory-evoked potentials: Effect of sulfur dioxide**  
Yargicoglu P., Agar A., Gumuslu S., Bilmen S., Oguz Y.  
ARCHIVES OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.37, no.4, pp.554-560, 1999 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Wip1 phosphatase inhibition enhances etoposide mediated apoptosis by increasing p53 phosphorylation in Rhabdoid tumor cells**  
Karltepe A., Altın E. D., Ak C., BİLMEN S., Eren M. K.  
Gene Reports, vol.31, 2023 (ESCI)
- II. **The features of patients with favism in Turkey**  
Canatan D., Bağcı H., GÜMÜŞLÜ S., BİLMEN S., Acikbas I., Balta N., Oguz N., Cosan R., Karadogan C.  
HAEMA, vol.9, no.2, pp.247-250, 2006 (Scopus)
- III. **Increased susceptibility to oxidative stress in lens tissues of sulfur dioxide exposed rats.**  
YÜCEL İ., KİPMEN KORGUN D., GÜMÜŞLÜ S., BILMEN S., YARGIÇOĞLU AKKİRAZ P., AÇAR A.  
Journal of Biochemistry, Molecular Biology and Biophysics, no.2, pp.65-69, 1998 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Type 2 diabetes down-regulates glucose transporter proteins and genes of the human blood leukocytes**  
Kipmen-Korgun D., Bilmen-Sarikcioglu S., Altunbas H., Demir R., KORGUN E. T.  
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.317
- II. **Nonenzymatic glycation of kidney type IV collagen of diabetic rats and the effect of lipoic acid on collagen glycation**  
Sarikcioglu S., Ozes O. N., ÇAKATAY U., Aksu T. A., GÜMÜŞLÜ S.  
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006,

vol.273, pp.197-198

- III. **EGB761'in G-6 yetmezlikli hidrojen peroksid indüklü lipid peroksidasyonu üzerine etkisi**  
BİLMEN SARIKCIOĞLU S., ÖNER G., TERCAN E.  
3. Ulusal Klinik Biyokimya Kongresi, İzmir, Turkey, 30 April - 04 May 2003, pp.119
- IV. **Diyabetin öğrenme parametreleri, antioksidan sistem ve lipid peroksidasyon üzerine etkisi**  
ÖZKAYA Y. G., AĞAR A., Hacıoğlu G., YARGIÇOĞLU AKKİRAZ P., GÜMÜŞLÜ S., BİLMEN SARIKCIOĞLU S.  
XI. Ulusal Biyofizik Kongresi, Antalya, Turkey, 31 October - 02 November 1999, pp.111
- V. **Diyabetin öğrenme parametreleri, antioksidan sistem ve lipid peroksidasyon üzerine etkisi**  
ÖZKAYA Y. G., AĞAR A., Hacıoğlu G., YARGIÇOĞLU AKKİRAZ P., GÜMÜŞLÜ S., BİLMEN SARIKCIOĞLU S.  
XI. Ulusal Biyofizik Kongresi, Antalya, Turkey, 31 October - 02 November 1999, pp.111
- VI. **The alterations in inositol phospholipids of erythrocyte membranes isolated from blood stored in blood bags.**  
KİPMEN KORGUN D., YEŞİLKAYA A., BİLMEN SARIKCIOĞLU S.  
Free Radicals, Nitric oxide and Antioxidants in Health and Disease, Antalya, Turkey, 18 - 24 September 1999, pp.56
- VII. **The alterations in inositol phospholipids of erythrocyte membranes isolated from blood stored in blood bags.**  
KİPMEN KORGUN D., YEŞİLKAYA A., BİLMEN SARIKCIOĞLU S.  
Free Radicals, Nitric oxide and Antioxidants in Health and Disease, Antalya, Turkey, 18 - 24 September 1999, pp.56
- VIII. **The alterations in inositol phospholipids of erythrocyte membranes isolated from blood stored in blood bags.**  
KİPMEN KORGUN D., YEŞİLKAYA A., BİLMEN SARIKCIOĞLU S.  
Free Radicals, Nitric oxide and Antioxidants in Health and Disease, Antalya, Turkey, 18 - 24 September 1999, pp.56

## Supported Projects

ÖZBEN TOMASI T., ŞANLIOĞLU S., ŞANLIOĞLU A. D., BİLMEN S., SÜLEYMANLAR G., ÖZDEM S., Project Supported by Higher Education Institutions, Yayın Süreklilik Desteği 2018, 2018 - 2019

## Scientific Refereeing

Clinica Chimica Acta, SCI Journal, June 2001

## Metrics

Publication: 36

Citation (WoS): 359

Citation (Scopus): 448

H-Index (WoS): 12

H-Index (Scopus): 13

## Congress and Symposium Activities

3. Ulusal Klinik Biyokimya Kongresi, Attendee, İZMİR, Turkey, 2003

17. Ulusal Biyokimya Kongresi, Attendee, ankara, Turkey, 2002

Serbest Radikaller ve Antioksidanlar Araştırma Derneği 2. Ulusal Kongresi, Attendee, Eskişehir, Turkey, 1999

Serbest Radikaller ve Antioksidanlar Araştırma Derneği 1. Ulusal Kongresi, Attendee, Side-ANTALYA, Turkey, 1997