

Res. Asst. UMUT KÖKBAŞ

Personal Information

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Education Information

Doctorate, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya A.D., Turkey 2014 - Continues

Post Graduate, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya A.D., Turkey 2011 - 2014

Under Graduate, Ege University, Fen Fakültesi, Biyokimya Bölümü, Turkey 2006 - 2011

Foreign Languages

English, C1 Advanced

German, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Eğiticinin Eğitimi Sertifikası, İstanbul İşletme Enstitüsü, 2019

Health&Medicine, Bio Tek Epoch ve Take 3 plate Kullanım sertifikası, Pera Medikal, 2014

Vocational Training, Deney Hayvanları Kullanım Sertifikası, Çukurova Üniversitesi, 2012

Occupational Health and Safety, ISO 9001:2008 Kalite Yönetim Sistemi İç Denetçi Sertifikası, EGASAN Ziraat, 2009

Dissertations

Post Graduate, Hemoglobinopatili ve Normal Olgularda Bazı Kemik Belirteçlerinin Karşılaştırılması, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya A.D., 2014

Post Graduate, Hidrojen Peroksit Tayinine Yönelik Nanopolimer Tabanlı Yeni Bir Biyosensör Tasarımı, Ege University, Fen Fakültesi, Biyokimya Bölümü, 2011

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Medical Genetics, Chemistry, Biochemistry, Natural Sciences

Academic Titles / Tasks

Research Assistant, Cukurova University, Tıp Fakültesi, Tıbbi Biyokimya A.D., 2011 - Continues

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

- I. **The protective effect of Ferula elaeochytris on age-related erectile dysfunction**
Eser N., YOLDAŞ A., YIĞİN A., YUMUŞAK N., Bozkurt A. S. , KÖKBAŞ U., ASLAN M.
JOURNAL OF ETHNOPHARMACOLOGY, vol.258, 2020 (Journal Indexed in SCI)
- II. **Noninvasive determination of the amount of ethanol in liquid mixtures by ultrasound using bilinear interpolation method**
AYDIN A., KESKİNOĞLU C., Kökbaşı U., TULİ A.
Journal of the Mexican Chemical Society, vol.64, pp.41-45, 2020 (Journal Indexed in SCI)
- III. **Why is G6PD enzyme activity measured as zero?**
GÜNAŞTI B., KÖKBAŞ U., KARTLAŞMIŞ K., TULİ A.
FEBS OPEN BIO, vol.8, pp.191, 2018 (Journal Indexed in SCI)
- IV. **Detection of beta-thalassemia Cd 39 mutation by using piezoelectric biosensor for non-invasive prenatal diagnosis**
KÖKBAŞ U., KARTLAŞMIŞ K., YENİLMEZ E., TULİ A., KAYRIN L.
FEBS OPEN BIO, vol.8, pp.122-123, 2018 (Journal Indexed in SCI)
- V. **Electrochemical detection of aspartate transaminase using a multienzyme-modified biosensor**
KARTLAŞMIŞ K., KÖKBAŞ U., GÜNAŞTI B., TULİ A., KAYRIN L.
FEBS OPEN BIO, vol.8, pp.193-194, 2018 (Journal Indexed in SCI)
- VI. **A new biosensor for noninvasive determination of fetal RHD status in maternal blood of RhD negative pregnant women**
Yenilmez E. D. , KÖKBAŞ U., KARTLAŞMIŞ K., KAYRIN L., TULİ A.
PLOS ONE, vol.13, 2018 (Journal Indexed in SCI)
- VII. **The effects of fetal hemoglobin levels on sickle cell anemia patients bone biochemistry**
KÖKBAŞ U., Yenilmez E. D. , TULİ A., ALPARSLAN Z. N. , KAYRIN L.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, pp.362-366, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Total Fenolic Contents of Ferula elaeochytris Root extract and its effect on Glucose levels**
ESER N., UÇAR Y., KARTLAŞMIŞ K., Kökbaşı U.
Mersin University School of Medicine Lokman Hekim Journal of History of Medicine and Folk Medicine, vol.1, no.1, pp.1-13, 2020 (National Refreed University Journal)
- II. **Kanser Metabolizması ve Otofaji**
KARTLAŞMIŞ K., KAYRIN L., KÖKBAŞ U.
ARŞIV KAYNAK TARAMA DERGISİ, vol.27, pp.388-396, 2018 (National Non-Refereed Journal)
- III. **PIWI-Etkileşimli RNA?ların Biyogenezi ve İşlevleri**
KARTLAŞMIŞ K., KAYRIN L., KÖKBAŞ U.
ARŞIV KAYNAK TARAMA DERGISİ, vol.27, pp.18-26, 2018 (National Non-Refereed Journal)
- IV. **Sirkadiyen saatin epigenetikle ilişkisi**
KARTLAŞMIŞ K., GÜNAŞTI B., KAYRIN L., ALPARSLAN M. M. , KÖKBAŞ U.
Arşiv Kaynak Tarama, vol.26, pp.50-62, 2017 (National Non-Refereed Journal)
- V. **Apoptozisin Biyokimyası**
Kartlaşmış K., KÖKBAŞ U., KAYRIN L.
ARŞIV KAYNAK TARAMA DERGISİ, no.1, pp.126-138, 2015 (National Refreed University Journal)
- VI. **Eternal Cell**
KÖKBAŞ U., TULİ A.
ARŞIV KAYNAK TARAMA DERGISİ, vol.24, pp.457-468, 2014 (National Refreed University Journal)
- VII. **Biyosensörler ve Tıpta Kullanım Alanları**
KÖKBAŞ U., TULİ A., KAYRIN L.
ARŞIV KAYNAK TARAMA DERGISİ, vol.22, pp.499-513, 2013 (National Refreed University Journal)

VIII. Biosensors and their Medical Applications

KÖKBAŞ U., TULİ A., KAYRIN L.

ARŞİV KAYNAK TARAMA DERGİSİ, pp.499-513, 2013 (National Refreed University Journal)

Books & Book Chapters

I. A New Alternative Approach for RhD Incompatibility; Determination Fetal RhD Status via Biosensor Technolog

DÜNDAR YENİLMEZ E., kökbaş u., TULİ A.

in: Blood Groups, Tombak A., Editor, Intechopen Llp Limited, Kroatia, pp.1, 2019

II. The Diagnostic Significance of Basic Clinical Indices of Blood and Urine

Ivanovich Z. V. , Nakonechna Oksana A., TULİ A., KAYRIN L., KÖKBAŞ U., Sergejevich T. A. , Sergejevich M. A. , Yaşar Ü., Mikhailovna V. I. , Yuryevna B. I.

in: Diagnostic Significance of Metabolic and Clinical Parameters in Disease Monitoring, Ivanovich Z. V., Anatolyevna N. O., Tuli A, Kayrin L., Editor, Adana Nobel Kitabevi, Ankara, pp.221-246, 2016

Refereed Congress / Symposium Publications in Proceedings

I. The Effect of One Year Feldenkrais Exercise Program on Vitamin of A, C,E and B Groups at the Elderly

Özoruç S., SEVİMLİ D., KÖKBAŞ U., DOĞANAY A., KAYRIN L.

The International Congress of Sports for All and Wellness, Antalya, Turkey, pp.122

II. The Effect of One Year Feldenkrais Exercise Program on Biochemical Bone Turnover Markers at the Elderly

Özoruç S., SEVİMLİ D., KÖKBAŞ U., DOĞANAY A., KAYRIN L.

". The International Congress of Sports for All and Wellness, Antalya, Turkey, pp.325

III. The Effect of One Year Feldenkrais Exercise Program on Vitamin of A, C,E and B Groups at the Elderly

Özoruç S., SEVİMLİ D., KÖKBAŞ U., DOĞANAY A., KAYRIN L.

The International Congress of Sports for All and Wellness, Antalya, Turkey, pp.122

IV. The Effect of One Year Feldenkrais Exercise Program on Biochemical Bone Turnover Markers at the Elderly

Özoruç S., SEVİMLİ D., KÖKBAŞ U., DOĞANAY A., KAYRIN L.

". The International Congress of Sports for All and Wellness, Antalya, Turkey, pp.325

V. The Effect of One Year Feldenkrais Exercise Program on Vitamin of A, C,E and B Groups at the Elderly

Özoruç S., SEVİMLİ D., KÖKBAŞ U., DOĞANAY A., KAYRIN L.

The International Congress of Sports for All and Wellness, Antalya, Turkey, pp.122

VI. The Effect of One Year Feldenkrais Exercise Program on Biochemical Bone Turnover Markers at the Elderly

Özoruç S., SEVİMLİ D., KÖKBAŞ U., DOĞANAY A., KAYRIN L.

". The International Congress of Sports for All and Wellness, Antalya, Turkey, pp.325

VII. The Effect of One Year Feldenkrais Exercise Program on Biochemical Bone Turnover Markers at the Elderly

Özoruç S., SEVİMLİ D., KÖKBAŞ U., DOĞANAY A., KAYRIN L.

" The International Congress of Sports for All and Wellness, Antalya, Turkey, 5 - 08 April 2018, pp.65-66

VIII. The Role of Gene Expression in G6PD Enzyme Activity

GÜNAŞTI B., DÜNDAR YENİLMEZ E., Düzgünce Boğa D., ALPARSLAN M. M. , KÖKBAŞ U., TULİ A.

IVEK 3 International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017

- IX. THE HORMONAL PROFILE IN WOMEN OF YOUNG AGE IN UKRAINE AND TURKEY IN DIFFERENT PHASES OF THE MENSTRUAL CYCLE. POPULATION COMPARISON**
KÖKBAŞ U., Yaşar Ü., Tkachenko A., Polikarpova H., DÜNDAR YENİLMEZ E., ALPARSLAN M. M. , Popova L., Nakonechna O., TULİ A., KAYRIN L.
TBD Biyokimya Günleri, Sivas, Turkey, 2 - 05 November 2016, pp.26
- X. A new biosensor for fetal RHD detection from circulating cell-free fetal DNA in maternal plasma**
YENİLMEZ E., KÖKBAŞ U., ALPARSLAN M. M. , Sanna B., KARTLAŞMIŞ K., KAYRIN L., TULİ A.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.237
- XI. Detection of beta-thalassemia IVSI-110 mutation by using piezoelectric biosensor immobilized with a single oligonucleotide**
TULİ A., KÖKBAŞ U., KARTLAŞMIŞ K., ALPARSLAN M. M. , YENİLMEZ E., KAYRIN L.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.352
- XII. A new biosensor for rapid determining of oxidant agent hydrogen peroxide**
KÖKBAŞ U., Sanna B., ALPARSLAN M. M. , KARTLAŞMIŞ K., TULİ A., KAYRIN L.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.403-404
- XIII. In vitro genotoxic perspective of Tamiflu**
ILHAN A., Kokbas U., Kartlasmis K., Kayrin L.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.349
- XIV. Comparison of some bone markers between hemoglobinopathy patients and normal individuals**
KÖKBAŞ U., TULİ A., KAYRIN L.
IFCC WorldLab Istanbul 2014, Mersin, Turkey, 22 - 26 June 2014, pp.1

Other Publications

- I. The Effects of Fetal Hemoglobin Levels on Sickle Cell Patitents Bone Biochemistry**
KÖKBAŞ U., DÜNDAR YENİLMEZ E., TULİ A., KAYRIN L.
Other, pp.50, 2015

Supported Projects

DÜNDAR YENİLMEZ E., Kartlaşmış K., TULİ A., KAYRIN L., ALPARSLAN M. M. , KÖKBAŞ U., SANNA B., Project Supported by Higher Education Institutions, 17-hidroksiprogesteron Düzeyini Saptayan Yeni Bir Elektrobiyokimyasal Ölçüm Yöntemi Geliştirilmesi, 2017 - 2019

KAYRIN L., TULİ A., KÖKBAŞ U., DÜNDAR YENİLMEZ E., ALPARSLAN Z. N. , Project Supported by Higher Education Institutions, The effects of fetal hemoglobin levels on sickle cell anemia patients bone biochemistry, 2017 - 2018

KAYRIN L., Oğuz E., KÖKBAŞ U., Project Supported by Higher Education Institutions, Ürik Asit Tayinine Yönelik Yeni Bir Biyosensör Tasarımı, 2016 - 2018

TULİ A., KÖKBAŞ U., KAYRIN L., Project Supported by Higher Education Institutions, Diagnostic Significance of Metabolic and Clinical Parameters in Disease Monitoring, 2016 - 2017

KAYRIN L., POPOVA L., ALPARSLAN M. M. , KÖKBAŞ U., TULİ A., DÜNDAR YENİLMEZ E., Project Supported by Higher Education Institutions, Türk ve Ukraynalı genç kadınların menstural döngülerinin değişik safhalarındaki hormonal profillerinin karşılaştırması. Populasyon karşılaştırması, 2016 - 2017

TULİ A., KÖKBAŞ U., ALPARSLAN M. M. , Project Supported by Higher Education Institutions, Roche thermal cyclers 480 komuta paneli tamirata, 2016 - 2016

KAYRIN L., TULİ A., KÖKBAŞ U., Project Supported by Higher Education Institutions, Preanalitik Evre Sempozyumu, 2016

- 2016

TULI A., KÖKBAŞ U., ALPARSLAN M. M. , Project Supported by Higher Education Institutions, UV260/UV1601 spektrofotometre Cihazı Tamiri, 2015 - 2016

TULI A., KÖKBAŞ U., DÜNDAR YENİLMEZ E., Project Supported by Higher Education Institutions, Orak hücre anemili hastalarda Hb F düzeylerinin kemik biyokimyası üzerine etkisi, 2015 - 2016

TULI A., KÖKBAŞ U., ALPARSLAN M. M. , Project Supported by Higher Education Institutions, Elix10 UV MilliQ A10 Saf Su cihazının Tamiri, 2015 - 2015

KAYRIN L., KÖKBAŞ U., Project Supported by Higher Education Institutions, Hidrojen peroksit tayinine yönelik yeni bir biyosensör tasarımı, 2015 - 2015

KAYRIN L., KÖKBAŞ U., Project Supported by Higher Education Institutions, Hemoglobınopatili ve Normal Olgularda Bazı Kemik Belirteçlerinin Karşılaştırılması, 2013 - 2015

Memberships / Tasks in Scientific Organizations

Türk Biyokimya Derneği, Member, 2013 - Continues

Biyokimyagerler Derneği, Board Member, 2008 - 2011

Invited Congress and Symposium Activities

27. Ulusal Biyokimya Kongresi, Attendee, Antalya, Turkey, 2015

Comparison of some bone markers between hemoglobinopathy patients and normal individuals, Attendee, İstanbul, Turkey, 2014

A New Biosensor Based on Peroxidase Enzyme Immobilized in Nanopolymeric (PolyHema-Mac) for Hydrogen Peroxide Detection, Attendee, İzmir, Turkey, 2011