

Prof. Mustafa SERTESER

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Publons / Web Of Science ResearcherID: F-9130-2015

ScopusID: 6701785786

Yoksis Researcher ID: 181314



Education Information

Expertise In Medicine, Akdeniz University, Faculty Of Medicine, Temel Tıp Bilimleri Bölümü, Turkey 1994 - 1999

Undergraduate, Marmara University, School Of Medicine, Tıp Pr. (İngilizce), Turkey 1986 - 1993

Dissertations

Expertise In Medicine, Deneysel global serebral iskemi - reperfüzyon hasarında nitrik oksit oluşumu, lipid peroksidasyonu ve protein oksidasyonu: Glutamat salınım inhibisyonunun nötroprotektif etkisi, Akdeniz University, Faculty Of Medicine, Department Of Basic Medical Sciences, 1999

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2013 - Continues

Associate Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2009 - 2013

Associate Professor, Afyon Kocatepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2004 - 2005

Assistant Professor, Afyon Kocatepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1999 - 2004

Expert, Akdeniz University, Faculty Of Medicine, Temel Tıp Bilimleri Bölümü, 1999 - 1999

Research Assistant, Akdeniz University, Faculty Of Medicine, Temel Tıp Bilimleri Bölümü, 1994 - 1999

Academic and Administrative Experience

Afyon Kocatepe University, 2002 - 2003

Courses

Laboratory approach to heart failure and cardiac injury , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Laboratory diagnosis of allergic diseases, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Lipoprotein Metabolism and hyperlipidemias, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Vascular events and atherosclerosis , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Gastric, intestinal and pancreatic function tests, Undergraduate, 2022 - 2023, 2021 - 2022
Laboratory evaluation of CSF, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Biochemical aspects of neurological disease, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Advising Theses

Baykal A. T., Serteser M., RENAL ALLOGRAFT REDDİNDE YENİ POTANSİYEL ADAY BİYOBELİRTEÇLERİN ÇOKLU OMİK YAKLAŞIMLARLA TANIMLANMASI , Doctorate, İ.Yozgat(Student), Continues
Serteser M., Gestasyonel Diyabetli Hastalarda Ağır Metal Düzeyleri, Postgraduate, M.KOLAY(Student), 2019
Serteser M., Gebelik oral glukoz tolerans testinde idrar organik asit profilinin belirlenmesi, Doctorate, U.NAVARRO(Student), 2017
Serteser M., Mesane karsinomunda doku/serum matriks metalloproteinaz-9 (MMP-9) ile nitrik oksit (NO) arasındaki ilişkiye doku matriks metalloproteinaz inhibitörü-1 (TIMP-1)'in etkisi, Expertise In Medicine, S.BODUR(Student), 2005
Serteser M., Etanol verilen ratlarda quercetin eritrosit glukoz -6-fosfat dehidrogenaz (G6PD) enzim aktivitesi üzerine etkisi, Postgraduate, A.VURMAZ(Student), 2005

Jury Memberships

Doctoral Examination, Doctoral Examination, Acıbadem Mehmet Ali Aydınlar Üniversitesi, April, 2024
Committee Of Expert, Committee Of Expert, Acıbadem Mehmet Ali Aydınlar Üniversitesi, March, 2024
Committee Of Expert, Committee Of Expert, Acıbadem Mehmet Ali Aydınlar Üniversitesi, June, 2023
Doctorate, Doctorate, Acıbadem Mehmet Ali Aydınlar Üniversitesi, December, 2022
Committee Of Expert, Committee Of Expert, Acıbadem Mehmet Ali Aydınlar University, December, 2022
Doctorate, Doctorate, Acıbadem Mehmet Ali Aydınlar Üniversitesi, December, 2022

Taught Courses And Trainings

Serdar M. A., Serteser M., Yıldırım Sözman E., Malhatun E., TS EN ISO 15189 Tıbbi Laboratuvarlar - Kalite Ve Yeterlilik İçin Özel Şartlar Eğitim Kursu, 2013 - 2013
Serteser M., Current status and current problems in laboratory medicine, Consistent quality and standards in laboratory medicine, Clinical interpretation of complex biological tests, 2010 - 2010
Serteser M., İnal T., Habif S., Temel Hematolojik Testler Kursu, 2004 - 2004

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Does COVID-19 affect thyroid more than non-COVID-19 infections? A retrospective study**
Ucal Y., Serdar M. A., Karpuzoglu H., Yurttutan Uyar N., Kilercik M., Serteser M., Özpınar A.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, no.2, pp.227-235, 2024 (SCI-Expanded)
- II. **Longitudinal non-targeted metabolomic profiling of urine samples for monitoring of kidney transplantation patients**
Yozgat I., Cakır Ü., Serdar M. A., Sahin S., Sezerman O. U., Nemutlu E., Baykal A. T., Serteser M.
RENAL FAILURE, vol.46, no.1, 2024 (SCI-Expanded)

- III. **Sex-related differences in within-subject biological variation estimates for 22 essential and non-essential amino acids.**
Coskun A., Carobene A., Demirelce O., Mussap M., Braga F., Sezer E., Karine Aarsand A., Sandberg S., Fernández Calle P., Díaz-Garzón J., et al.
Clinica chimica acta; international journal of clinical chemistry, vol.552, no.117632, pp.117632, 2023 (SCI-Expanded)
- IV. **Biological variation estimates for serum neurofilament light chain in healthy subjects.**
Carobene A., Maiese K., Abou-Diwan C., Locatelli M., Serteser M., Coskun A., Unsal I.
Clinica chimica acta; international journal of clinical chemistry, vol.551, no.2023, pp.117608, 2023 (SCI-Expanded)
- V. **A-018 Biological Variation Estimates for N-terminal pro-B-type Natriuretic Peptide from Eight Healthy Turkish Women**
Coşkun A., Abou-Diwan C., Rhea-Mcmanus J., Serteser M., Unsal I., Locatelli M., Carobene A.
CLINICAL CHEMISTRY, vol.69, no.Supplement_1, pp.1, 2023 (SCI-Expanded)
- VI. **Personalized and Population-Based Reference Intervals for 48 Common Clinical Chemistry and Hematology Measurands: A Comparative Study.**
Coskun A., Sandberg S., Unsal I., Cavusoglu C., Serteser M., Kilercik M., Aarsand A. K.
Clinical chemistry, vol.69, no.8, pp.1009-1030, 2023 (SCI-Expanded)
- VII. **Sepsis biomarkers for early diagnosis of bacteremia in emergency department**
Yurttutan Uyar N., Sayar A. K., Kocagöz A. S., Serdar M. A., Zengin R., Sarıkaya Z. T., Kilercik M., Balcı V., Serteser M.
JOURNAL OF INFECTION IN DEVELOPING COUNTRIES, vol.17, no.6, pp.832-839, 2023 (SCI-Expanded)
- VIII. **Rapid detection of serum free light chains by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry.**
Kaya Z. Z., Serdar M. A., Aksungar F., Kilercik M., Serteser M., Baykal A. T.
European journal of mass spectrometry (Chichester, England), vol.29, no.2, pp.132-140, 2023 (SCI-Expanded)
- IX. **Early postnatal metabolic profile in neonates with critical CHDs.**
Guvenc O., Beken S., Abali S., Saral N. Y., Yalcin G., Albayrak E., Bulum B., Demirelce O., Basgoze S., Odemis E., et al.
Cardiology in the young, vol.33, no.3, pp.349-353, 2023 (SCI-Expanded)
- X. **What are the predominant parameters for Down's syndrome risk estimation in first- trimester screening: a data mining study**
Kilercik M., Yozgat I., Serdar M. A., Aksungar F., Gogus S., Solak S., Kaya Z. Z., Yayla A. M., Serteser M.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.47, no.6, pp.704-709, 2022 (SCI-Expanded)
- XI. **Melatonin in preservation solutions prevents ischemic injury in rat kidneys.**
Coskun A., Arbak S., Serteser M., Özpınar A.
PLOS ONE, vol.17, no.8, pp.1-19, 2022 (SCI-Expanded)
- XII. **M233 Patient based real time quality control as a complementary tool to external quality assessment schemes in clinical laboratories**
Çavuşoğlu C., Coşkun A., Matpan E., Serdar M., Kilercik M., Serteser M.
CLINICA CHIMICA ACTA, vol.530, pp.1, 2022 (SCI-Expanded)
- XIII. **Increased maternal leptin levels may be an indicator of subclinical hypothyroidism in a newborn.**
KARPUZOĞLU H., UÇAL Y., Kumru P., Muhcu M., Eroglu M., Serdar M. A., SERTESER M., ÖZPINAR A.
Journal of medical biochemistry, vol.41, no.2, pp.156-161, 2022 (SCI-Expanded)
- XIV. **Within- and between-subject biological variation data for serum zinc, copper and selenium obtained from 68 apparently healthy Turkish subjects**
Coşkun A., Carobene A., Aarsand A. K., Aksungar F., Serteser M., Sandberg S., Díaz-Garzón J., Fernandez-Calle P., Karpuzoğlu F. H., Coskun C., et al.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.60, no.4, pp.533-542, 2022 (SCI-Expanded)
- XV. **Personalized reference intervals - statistical approaches and considerations**
COSKUN A., Sandberg S., Unsal I., Yavuz F. G., Cavusoglu C., SERTESER M., KILERCIK M., Aarsand A. K.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.60, no.4, pp.629-635, 2022 (SCI-Expanded)
- XVI. **Zinc protoporphyrin levels in COVID-19 are indicative of iron deficiency and potential predictor of disease severity**

Kilercik M., Uçal Y., Serdar M. A., Serteser M., Özpınar A., Schweigert F. J.

PLOS ONE, vol.17, no.2, 2022 (SCI-Expanded)

- XVII. **Ex vivo study: is it possible to overcome the blurriness caused by holmium laser fragmentation of kidney stones?**
Eren M., Özveri H., Kolay M., Saral N. Y., Serteser M.
Urolithiasis, vol.50, no.1, pp.95-102, 2022 (SCI-Expanded)
- XVIII. **THE EFFECT OF RETICULOCYTE HEMOGLOBIN CONTENT ON THE DIAGNOSIS OF IRON DEFICIENCY ANEMIA: A META-ANALYSIS STUDY**
Kilic M., ÖZPINAR A., SERTESER M., KILERCİK M., SERDAR M. A.
JOURNAL OF MEDICAL BIOCHEMISTRY, vol.41, no.1, pp.1-13, 2022 (SCI-Expanded)
- XIX. **Personalized reference intervals: from theory to practice**
COSKUN A., Sandberg S., Unsal I., SERTESER M., Aarsand A. K.
CRITICAL REVIEWS IN CLINICAL LABORATORY SCIENCES, vol.59, no.7, pp.501-516, 2022 (SCI-Expanded)
- XX. **Personalized reference intervals: Using estimates of within-subject or within-person biological variation requires different statistical approaches.**
Coskun A., Sandberg S., Unsal I., Cavusoglu C., Serteser M., Kilercik M., Aarsand A. K.
Clinica chimica acta; international journal of clinical chemistry, vol.524, pp.201-202, 2022 (SCI-Expanded)
- XXI. **Kappa/Lambda light-chain typing in Alzheimer's Disease.**
Kaya Z. Z., Tuzuner M. B., Sahin B., Akgun E., Aksungar F., Koca S., Serdar M., Sahin S., Cinar N., Karsidag S., et al.
Current Alzheimer research, vol.19, no.1, pp.84-93, 2022 (SCI-Expanded)
- XXII. **Evaluation and comparison of eighteen SARS-CoV-2 antibody assays from seven different companies to assess its diagnostic role in SARS-CoV-2 infections**
Yurttutan Uyar N., Ahmet A., Serdar M. A., Kocagöz S., Kilercik M., Serteser M.
NEW MICROBIOLOGICA, vol.45, no.4, pp.344-352, 2022 (SCI-Expanded)
- XXIII. **A new haematocytometric index: Predicting severity and mortality risk value in COVID-19 patients.**
Kilercik M., Demirelce Ö., Serdar M. A., Mikailova P., Serteser M.
PloS one, vol.16, no.8, 2021 (SCI-Expanded)
- XXIV. **Early Postnatal Metabolic Profile in Neonates With Different Birth Weight Status: A Pilot Study**
Beken S., Abalı S., Yildirim Saral N., Guner B., Dinc T., Albayrak E., Ersoy M., Kilercik M., Halici M., Bulbul E., et al.
FRONTIERS IN PEDIATRICS, vol.9, 2021 (SCI-Expanded)
- XXV. **Truncation limits of patient-based real-time quality control: a new model derived from between-subject biological variations**
Coşkun A., Çavuşoğlu C., Serteser M., Serdar M. A., Kilercik M., Aksungar F., Ünsal İ.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.59, no.4, 2021 (SCI-Expanded)
- XXVI. **Utilization of biological variation data in the interpretation of laboratory test results - survey about clinicians' opinion and knowledge**
Emre H. O., Karpuzoglu F. H., Coskun C., Sezer E. D., Ozturk O. G., Ucar F., Cubukcu H. C., Arslan F. D., Deniz L., Senes M., et al.
BIOCHEMIA MEDICA, vol.31, no.1, 2021 (SCI-Expanded)
- XXVII. **Personalized Reference Intervals in Laboratory Medicine: A New Model Based on Within-Subject Biological Variation.**
Coşkun A., Sandberg S., Unsal I., Cavusoglu C., Serteser M., Kilercik M., Aarsand A.
Clinical chemistry, vol.67, pp.374-384, 2021 (SCI-Expanded)
- XXVIII. **Proteins associated with neutrophil degranulation are upregulated in nasopharyngeal swabs from SARS-CoV-2 patients**
Akgun E., Tuzuner M., Sahin B., Kilercik M., Kulah C., Cakiroglu H., Serteser M., Unsal I., Baykal A. T.
PLOS ONE, vol.15, no.10, 2020 (SCI-Expanded)
- XXIX. **Institutional experience of newborn screening for inborn metabolism disorders by tandem MS in the Turkish population**
Demirelce Ö., Aksungar F., Saral N., Kilercik M., Serteser M., Unsal I.
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.33, no.6, pp.703-711, 2020 (SCI-Expanded)

- XXX. **An Assessment of HbA1c in Diabetes Mellitus and Pre-diabetes Diagnosis: a Multi-centered Data Mining Study.**
Serdar M. A., Serteser M., Uçal Y., Karpuzoglu H., Aksungar F., Coşkun A., Kilercik M., Ünsal İ., Özpınar A.
Applied biochemistry and biotechnology, vol.190, pp.44-56, 2020 (SCI-Expanded)
- XXXI. **The short story of the long-term Sigma metric: shift cannot be treated as a linear parameter**
COŞKUN A., SERTESER M., Unsal I.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.57, no.9, 2019 (SCI-Expanded)
- XXXII. **European Biological Variation Study (EuBIVAS): Within- and Between-Subject Biological Variation Data for 15 Frequently Measured Proteins**
Carobene A., Aarsand A. K., Guerra E., Bartlett W. A., Coskun A., Diaz-Garzon J., Fernandez-Calle P., Jonker N., Locatelli M., Sandberg S., et al.
CLINICAL CHEMISTRY, vol.65, no.8, pp.1031-1041, 2019 (SCI-Expanded)
- XXXIII. **Sigma metric revisited: True known mistakes**
COŞKUN A., SERTESER M., Unsal I.
BIOCHEMIA MEDICA, vol.29, no.1, 2019 (SCI-Expanded)
- XXXIV. **Cofilin-1 as a potential biomarker to evaluate acute kidney injury**
COŞKUN A., UÇAL Y., BERBER İ., ÇAKIR Ü., SERTESER M., Moldur D. E., Derelioglu E. I., Yozgatli T. K., ÖZPINAR A., Unsal I.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.1, pp.9-15, 2019 (SCI-Expanded)
- XXXV. **Glutaric acidemia type II patient with thalassemia minor and novel electron transfer flavoprotein-A gene mutations: A case report and review of literature**
Sara N. Y., Aksungar F., Aktuglu-Zeybek C., Coskun J., Demirelce O., Serteser M.
WORLD JOURNAL OF CLINICAL CASES, vol.6, no.14, pp.786-790, 2018 (SCI-Expanded)
- XXXVI. **The EuBIVAS: Within- and Between-Subject Biological Variation Data for Electrolytes, Lipids, Urea, Uric Acid, Total Protein, Total Bilirubin, Direct Bilirubin, and Glucose**
Aarsand A. K., Diaz-Garzon J., Fernandez-Calle P., Guerra E., Locatelli M., Bartlett W. A., Sandberg S., Roraas T., Ceriotti F., Solvik U. O., et al.
CLINICAL CHEMISTRY, vol.64, no.9, pp.1380-1393, 2018 (SCI-Expanded)
- XXXVII. **Within-subject and between-subject biological variation estimates of 21 hematological parameters in 30 healthy subjects**
Coskun A., Carobene A., Kilercik M., Serteser M., Sandberg S., Aarsand A. K., Fernandez-Calle P., Jonker N., Bartlett W. A., Diaz-Garzon J., et al.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.56, no.8, pp.1309-1318, 2018 (SCI-Expanded)
- XXXVIII. **Exposure to Perchlorate in Lactating Women and Its Associations With Newborn Thyroid Stimulating Hormone**
Uçal Y., Sahin O. N., Serdar M. A., Blount B., Kumru P., Muhcu M., Eroglu M., Akin-Levi C., Keles Z. Z. Y., Turam C., et al.
FRONTIERS IN ENDOCRINOLOGY, vol.9, 2018 (SCI-Expanded)
- XXXIX. **Vitamin D levels and parathyroid hormone variations of children living in a subtropical climate: a data mining study**
Sahin O. N., Serdar M. A., Serteser M., Unsal I., Özpınar A.
ITALIAN JOURNAL OF PEDIATRICS, vol.44, 2018 (SCI-Expanded)
- XL. **Pregnancy-associated plasma protein-A (PAPP-A) levels in patients with severe allergic asthma are reduced by omalizumab**
Bulut I., Ozseker Z. F., COSKUN A., SERTESER M., Unsal I.
JOURNAL OF ASTHMA, vol.55, no.10, pp.1116-1121, 2018 (SCI-Expanded)
- XLI. **Effects of different aerobic exercise frequencies on streptozotocin-nicotinamide-induced type 2 diabetic rats: Continuous versus short bouts and weekend warrior exercises**
Alaca N., USLU S., Gulec Suyen G., Ince Ü., SERTESER M., KURTEL H.
JOURNAL OF DIABETES, vol.10, no.1, pp.73-84, 2018 (SCI-Expanded)
- XLII. **SUN-P001: Metabolic and Mitochondrial Changes in an Intermittent Fasting Model in Humans**
Pinarbasi A., Aksungar F., Arslan D., Kolay M., Pak M., Serteser M., Unsal I.

CLINICAL NUTRITION, vol.36, pp.1, 2017 (SCI-Expanded)

- XLIII. **The EuBIVAS Project: Within- and Between-Subject Biological Variation Data for Serum Creatinine Using Enzymatic and Alkaline Picrate Methods and Implications for Monitoring**
Carobene A., Marino I., COŞKUN A., SERTESER M., Unsal I., Guerra E., Bartlett W. A., Sandberg S., Aarsand A. K., Sylte M. S., et al.
CLINICAL CHEMISTRY, vol.63, no.9, pp.1527-1536, 2017 (SCI-Expanded)
- XLIV. **The Impact of Iron Overload in Acute Leukemia: Chronic Inflammation, But Not the Presence of Nontransferrin Bound Iron is a Determinant of Oxidative Stress**
Olçay L., SERTESER M., Kolay M., Balci H. F., Yildirim U. M., Tekgunduz S. A., HAZIROLAN T., TERZİ Y. K.
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.39, no.6, pp.425-439, 2017 (SCI-Expanded)
- XLV. **Biological Variation Estimates Obtained from 91 Healthy Study Participants for 9 Enzymes in Serum**
Carobene A., Roraas T., Solvik U. O., Sylte M. S., Sandberg S., Guerra E., Marino I., Jonker N., Barla G., Bartlett W. A., et al.
CLINICAL CHEMISTRY, vol.63, no.6, pp.1141-1150, 2017 (SCI-Expanded)
- XLVI. **Comparison of intermittent fasting versus caloric restriction in obese subjects: A two year follow-up**
Aksungar F., Sarikaya M., Coskun A., Serteser M., Unsal I.
JOURNAL OF NUTRITION HEALTH & AGING, vol.21, no.6, pp.681-685, 2017 (SCI-Expanded)
- XLVII. **Evaluation of the performance of INDEXOR (R) in the archive unit of a clinical laboratory: a step to Lean laboratory**
COŞKUN A., SERTESER M., Altinayak R., Unsal I.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.55, no.3, 2017 (SCI-Expanded)
- XLVIII. **How can we evaluate differences between serial measurements on the same sample? A new approach based on within-subject biological variation.**
COŞKUN A., SERTESER M., Karpuzoglu H., Unsal I.
Clinical chemistry and laboratory medicine, vol.55, no.2, 2017 (SCI-Expanded)
- XLIX. **Analysis of Changes in Parathyroid Hormone and 25 (OH) Vitamin D Levels with Respect to Age, Gender and Season: A Data Mining Study.**
Serdar M. A., Can B. B., Kilercik M., Durer Z. A., Aksungar F., SERTESER M., COŞKUN A., ÖZPINAR A., Unsal I.
Journal of medical biochemistry, vol.36, no.1, pp.73-83, 2017 (SCI-Expanded)
- L. **Cigarette Smoking Increases Pregnancy-associated Plasma Protein-A in Men**
COSKUN A., Bulut I., SERTESER M., Eren A., OZSEKER Z. F., ÇUHADAROĞLU Ç., AKSUNGAR F., ÖZPINAR A., CAN Ö., Yakar H., et al.
WEST INDIAN MEDICAL JOURNAL, vol.66, no.1, pp.150-153, 2017 (SCI-Expanded)
- LI. **A Simple and Easy Process for the Determination of Estimated Plasma Glucose Level in Patients Presenting to Hospital: An Example of Multicentric Data Mining**
Serdar M. A., Koldas M., Serteser M., Akin O., Sonmez C., Gülbahar Ö., Akbiyik F., Unsal I.
JALA, vol.21, no.6, pp.794-798, 2016 (SCI-Expanded)
- LII. **A rare association: celiac disease and multiple myeloma in an asymptomatic young patient**
Ongen B., Aksungar F., Tiftikci A., COŞKUN A., SERTESER M., Unsal I.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, no.5, pp.367-372, 2016 (SCI-Expanded)
- LIII. **Sample collections from healthy volunteers for biological variation estimates' update: a new project undertaken by the Working Group on Biological Variation established by the European Federation of Clinical Chemistry and Laboratory Medicine**
Carobene A., Strollo M., Jonker N., Barla G., Bartlett W. A., Sandberg S., Sylte M. S., Roraas T., Solvik U. O., Fernandez-Calle P., et al.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.54, no.10, pp.1599-1608, 2016 (SCI-Expanded)
- LIV. **Perchlorate Exposure Through Water and Milk in Istanbul**
CAN Ö., Blount B., Valentin-Blasini L., Erdemgil Y., Uzunoglu D., Aksoy M., COŞKUN A., SERTESER M., Unsal I., ÖZPINAR A.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.97, no.3, pp.439-445, 2016 (SCI-Expanded)

- LV. **Sigma metric or defects per million opportunities (DPMO): the performance of clinical laboratories should be evaluated by the Sigma metrics at decimal level with DPMOs**
COŞKUN A., Oosterhuis W. P., SERTESER M., Unsal I.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.54, no.8, 2016 (SCI-Expanded)
- LVI. **Easy method for newborn screening of six lysosomal storage disorders using online solid-phase extraction with mass spectrometry**
Serdar M. A., LAY İ., Coskun J., Aslan B., Aslan H., COSKUN A., SERTESER M., Unsal I., ÖZPINAR A.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, no.4, pp.302-307, 2016 (SCI-Expanded)
- LVII. **Z transformation is the gold standard for computing the sigma metric.**
COŞKUN A., SERTESER M., Serdar M. A., Aksungar F., Kilercik M., Unsal I.
Clinical biochemistry, vol.49, no.9, pp.732-733, 2016 (SCI-Expanded)
- LVIII. **Hepatitis C virus positive patient diagnosed after detection of atypical cryoglobulin**
Ongen B., Aksungar F., Cicek B., Akyar I., Coskun A., Serteser M., Unsal I.
WORLD JOURNAL OF CLINICAL CASES, vol.4, no.3, pp.81-87, 2016 (SCI-Expanded)
- LIX. **Rise of serum troponin levels following uncomplicated elective percutaneous coronary interventions in patients without clinical and procedural signs suggestive of myocardial necrosis**
Buturak A., Degirmencioglu A., Surgit O., Demir A. R., Karakurt H., Erturk M., Yazici S., SERTESER M., Norgaz T., Gorgulu S.
POSTEPY W KARDIOLOGII INTERWENCYJNEJ, vol.12, no.1, pp.41-48, 2016 (SCI-Expanded)
- LX. **Microbiologic, Pharmacokinetic, and Clinical Effects of Corneal Collagen Cross-Linking on Experimentally Induced Pseudomonas Keratitis in Rabbits.**
Cosar C. B., Kucuk M., Celik E., Gonen T., Akyar I., SERTESER M., Tokat F., Ince Ü.
Cornea, vol.34, no.10, pp.1276-80, 2015 (SCI-Expanded)
- LXI. **Effect of Different Exercise Modalities on Type 2 Diabetes in Rat: Continuous Versus Weekend Warrior Exercises**
Alaca N., Uslu S., İNCE Ü., SERTESER M., SÜYEN G.
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13. Ulusal Biyokimya Kongresi (Uluslararası Katılımlı), Antalya, Turkey, 26 - 30 March 1996, pp.312

Supported Projects

Eren M., Serteser M., TUBITAK Project, Endoskopik böbrek taşı ameliyatlarında kalsiyum okzalat taşlarının holmiyum lazer fragmantasyonu(kırılması) sırasında oluşan görüntü bulanıklığının giderilmesi, 2023 - 2023

Serteser M., Baykal A. T., TUBITAK Project, Klinik Testlerde İmmünifikasyon Elektroforez Analizine Alternatif Otomatize Mikropipet Afinite Kromatografi Analiz Yöntemi Geliştirilmesi, 2021 - 2022

Coskun A., Serteser M., Ünsal İ., Aksungar F., Coşkun C., Halıcı C., Yekrek M., Karpuzoğlu H., Uğur E., Yılmaz N., et al., Other International Funding Programs, Biological Variation of Trace Elements, 2019 - 2021

Coskun A., Serteser M., TUBITAK Project, Quality Control and Accreditation in Clinical Laboratories, 2016 - 2019

Serteser M., Project Supported by Higher Education Institutions, Obsesif kompulsif bozukluk ve depresif bozukluklarda serum ghrelin ve leptin düzeylerinin klinikle ilişkileri, 2004 - 2004

Patent

Eren M., Serteser M., PRODUCTION METHOD OF AN IRRIGATION SOLUTION AND AN IRRIGATION SOLUTION OBTAINED BY THIS METHOD, Patent, CHAPTER A Human Needs, The Invention Recourse Number: PCT/TR2021/051549 , Triadic Registration, 2021

Tasks In Event Organizations

Serteser M., İSLAB Laboratuvar Kongresi 2024, Scientific Congress, Antalya, Turkey, Mayıs 2024

Serteser M., 2-ci Azerbaycan Laborator Tibb Kongresi, AZLTK & LAB EXPO 2024, Scientific Congress, Baku, Azerbaijan, Mayıs 2024

Uçal Y., Baykal A. T., Özpınar A., Coskun A., Serdar M. A., Serteser M., Aksungar F., X Annual Congress of the European Proteomics Association, Scientific Congress, İstanbul, Turkey, Haziran 2016

Uçal Y., Serteser M., Özpınar A., Baykal A. T., Coskun A., 1. Ulusal Proteomik Kongresi, Scientific Congress, Antalya, Turkey, Kasım 2014

Metrics

Publication: 298
Citation (WoS): 2152
Citation (Scopus): 2917

H-Index (WoS): 26

H-Index (Scopus): 31

Congress and Symposium Activities

İSLAB Laboratuvar Kongresi 2024, Invited Speaker, Antalya, Turkey, 2024

2-ci Azərbaycan Laborator Tibb Konqresi, AZLTK & LAB EXPO 2024, Invited Speaker, Baku, Azerbaijan, 2024

2-ci Azərbaycan Laborator Tibb Konqresi, AZLTK & LAB EXPO 2024, Session Moderator, Baku, Azerbaijan, 2024

KBUD Kongre & LAB EXPO 2023 Ulusal 11. Laboratuvar Süreçlerinin Yönetimi Sempozyumu, Session Moderator, Antalya, Turkey, 2023

Uluslararası Biyokimya Kongresi 2023, 34. Ulusal Biyokimya Kongresi, Invited Speaker, Muğla, Turkey, 2023

Invited Talks

Özel Sektörde Laboratuvar Hizmeti, Conference, İstanbul Laboratuvar Kongresi (İSLAB) 2024, Turkey, May 2024

NMR SPECTROSCOPY IN CLINICAL LABORATORIES: LIPOPROTEIN PROFILE ANALYSIS, Conference, Uluslararası Biyokimya Kongresi 2023 / 34. Ulusal Biyokimya Kongresi, Turkey, October 2023

Awards

Coskun A., Sandberg S., Ünsal I., Çavuşoğlu C., Serteser M., Kilercik M., Aarsand A., EFLM Award for Excellence in Outcomes Research in Laboratory Medicine - sponsored by Abbott Diagnostics, European Federation Of Clinical Chemistry And Laboratory Medicine, November 2021

Özpinar A., Serteser M., Coşkun A., Serdar M. A., Aksungar F., Baykal A. T., Kilercik M., Uçal Y., Öğretim Üyesi Başına Düşen ve Q1 Kategorisindeki Dergilerde Yapılan Yayınlar, Acıbadem Mehmet Ali Aydınlar Üniversitesi, May 2019

Alaca N., Uslu S., İnce Ü., Serteser M., Süyen G., Kurtel H., 6. Egzersiz Fizyolojisi Sempozyumunda Prof. Dr. Necati Akgün En iyi sözlü sunum ödülü, 6. Egzersiz Fizyolojisi Sempozyumu, May 2017

Serteser M., Distinguished Abstract Award, Carbohydrate-Deficient Transferrin Levels in Non-Alcoholic Psychiatric Patients: Could It Be Used to Discriminate Psychiatric Disorders, Aacc, American Association For Clinical Chemistry, July 2005

Çakar H., Kahraman A., Köken T., Serteser M., Quercetin, kronik alkol verilmesinin indüklediği oksidatif strese karşı koruyor., Türk Biyokimya Derneği, April 2005

Köken T., Serteser M., Kahraman A., Gökçe Ç., Demir S., 'Best Scientific Presentation by Young Author', 39th ERA-EDTA Congress (Copenhagen, Denmark), 2002. Köken, T., Serteser, M., Kahraman, A., Gökçe, Ç., Demir, S., 'Changes in serum markers of oxidative stress with varying periods of hemodialysis, Era-Edta, July 2002

Serteser M., Poster of Excellence, Polat, C., Aktepe, F., Serteser, M., Kahraman, A., Gökçe, Ç., Yılmaz, S., Gökçe, Ö., 'Oxidative stress related to prolonged pneumoperitoneum in a rat model of laparoscopic donor nephrectomy., 39Th Era-Edta Congress, July 2002

Serteser M., Professor K. Miras Award, Best Scientific Presentation', 6th Meeting of BCLF (Plovdiv, Bulgaria), 1998.

Serteser, M., Gümüşlü, S., Özben, T., Balkan, S., Balkan, E., 'Protective role of MK-801, NMDA receptor antagonist, against lipid peroxidation in cortical and cerebellar tissues of Swiss-Albino rats during focal cerebral ischemia, Bclf, September 1998

Representation and Promotion Activities

Institutional Promotion, Business Intelligence Club, Serbia, Belgrade, 2023 - 2023

Institutional Representation, WorldLab - EuroMedLab 2023, Italy, Rome, 2023 - 2023

Institutional Representation, IFCC WORLDLAB EUROMEDLAB ROMA 2023, Italy, Rome, 2023 - 2023

Non Academic Experience

Company, SZA OMİCS BİYOTEKNOLOJİ ARAŞTIRMA VE GELİŞTİRME ANONİM ŞİRKETİ, SZA OMİCS

Company, ACIBADEM LABMED TIBBİ LABORATUVARI, LABORATUVAR

ACIBADEM LABMED KLİNİK LAB.

Acıbadem Labmed Klinik Laboratuvarı

Company, ACIBADEM LABMED TIBBİ LABORATUVARI, LABORATUVAR

Acıbadem Labmed Klinik Laboratuvarları

Acıbadem Labmed Klinik Laboratuvarları

Özel Acıbadem Bursa Hastanesi

Afyon Kocatepe Ü. Tıp Fakültesi Biyokimya ABD

Akdeniz Ü. Tıp Fakültesi Biyokimya ABD

Akdeniz Ü. Tıp Fakültesi Biyokimya ABD

Artvin, Murgul Merkez Sağlık Ocağı