

Asst. Prof. SERKAN BOLAT

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAB-7200-2020

Yoksis Researcher ID: 311390

Education Information

Expertise In Medicine, University Of Health Sciences, Ankara Health Research Center, basic medical sciences, Turkey
2013 - 2017

Undergraduate, Cukurova University, Tıp Fakültesi, Turkey 2006 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Expertise In Medicine, Diyaliz hastalarında trombosit aktive edici faktör asetil hidrolazın kalp kapak kalsifikasyonları ile ilişkisi, University Of Health Sciences, Ankara Health Research Center, basic medical sciences, 2017

Research Areas

Medicine, Fundamental Medical Sciences, Biochemistry

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of lipemia interference created with native lipemic material and intravenous lipid emulsion in emergency laboratory tests**
Çolak Samsun E., Sürer H., BOLAT S., Şeneş M., YÜCEL D.
Biochemia medica, vol.34, no.2, pp.20701, 2024 (SCI-Expanded)
- II. **Dysregulated Leukotriene Metabolism in Patients with COVID-19.**

Doğan H. O., Budak M., Doğan K., Zararsız G. E., Yerlitaş S. İ., Bolat S., Şenol O., Büyüktuna S. A., Pınarbaşı E., Sariismailoğlu R., et al.

Japanese journal of infectious diseases, vol.77, no.3, pp.129-136, 2024 (SCI-Expanded)

- III. **Platelet activating factor acetylhydrolase is associated with cardiac valvular calcification in dialysis patients**
bolat s., FİDANCI V., elcık d., kavraz ö., MURAT S. N., Duranay M., Yucel D.
Türk Biyokimya Dergisi, vol.49, no.2, pp.274-282, 2024 (SCI-Expanded)
- IV. **Evaluation of Serum Adipokine Levels in Girls With Central Precocious Puberty**
Caglayan I. S. C., ÇELİK N., BOLAT S.
Clinical Endocrinology, 2024 (SCI-Expanded)
- V. **Concordance of LDL-C Estimating Equations with Direct Enzymatic Measurement in Diabetic and Prediabetic Subjects**
BOLAT S., ERTÜRK ZARARSIZ G., Doğan K., Kochan N., YERLİTAŞ S. İ., CEPHE A., ZARARSIZ G., Cicero A. F. G.
Journal of Clinical Medicine, vol.12, no.10, 2023 (SCI-Expanded)
- VI. **Validation of low-density lipoprotein cholesterol equations in pediatric population**
Zararsız G. E., BOLAT S., CEPHE A., Kochan N., YERLİTAŞ S. İ., DOĞAN H. O., ZARARSIZ G.
PeerJ, vol.11, 2023 (SCI-Expanded)
- VII. **Leukotriene metabolism and proinflammatory cytokines in Crimean Congo hemorrhagic fever**
Dogan K., Bolat S., Oksuz C., Büyüktuna S. A.
JOURNAL OF MEDICAL VIROLOGY, vol.95, no.1, 2023 (SCI-Expanded)
- VIII. **Validation of Friedewald, Martin-Hopkins and Sampson low-density lipoprotein cholesterol equations.**
Ertürk Zararsız G., Bolat S., Cephe A., Kochan N., Yerlitaş S. İ., Doğan H. O., Zararsız G.
PloS one, vol.17, no.5, 2022 (SCI-Expanded)
- IX. **Elevated Levels of Activin-A, TNF-Alpha and IL-6 in Acromegaly**
Dogan K., Yildiz S. N., SARIAKÇALI B., DUMAN G., BOLAT S.
NEUROCHEMICAL JOURNAL, vol.15, no.3, pp.325-330, 2021 (SCI-Expanded)
- X. **Understanding the pathophysiological changes via untargeted metabolomics in COVID-19 patients**
Doğan H. O., Şenol O., Bolat S., Yıldız Ş., Büyüktuna S. A., Sariismailoğlu R., Doğan K., Hasbek M., Hekim N.
JOURNAL OF MEDICAL VIROLOGY, vol.93, no.4, pp.2340-2349, 2021 (SCI-Expanded)
- XI. **The use of laboratory parameters and computed tomography score to determine intensive care unit requirement in COVID-19**
Doğan H. O., Bolat S., Büyüktuna S. A., Sariismailoglu R., Cetinkaya N., Dogan K., Hasbek M., Caylak H.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.2, pp.157-166, 2021 (SCI-Expanded)
- XII. **The effects of enoxaparin on the liver in experimental pneumoperitoneum model**
Cavusoglu T., Kismet K., Ozcan N., Kucuk B., Barlas A. M., Bozkirli B. O., Celepli P., Senes M., Bolat S., Hucumenoglu S.
ACTA CIRURGICA BRASILEIRA, vol.31, no.11, pp.736-743, 2016 (SCI-Expanded)
- XIII. **Relationship between high sensitivity troponins and estimated glomerular filtration rate**
Guclu T., Bolat S., Senes M., Yucel D.
CLINICAL BIOCHEMISTRY, vol.49, no.6, pp.467-471, 2016 (SCI-Expanded)
- XIV. **Can platelet-rich plasma be used safely in intra-abdominal operations?**
Kaya F., Kismet K., Ozer H., Soylu V. G., Duymus M. E., Akgun Y. A., Demir A., Celepli P., Guclu T., Bolat S., et al.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.117, no.9, pp.525-529, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Assessment of Serum Beta 2-Microglobulin Levels in Crimean-Congo Hemorrhagic Fever Patients: Implications for Immune Activation and Disease Pathogenesis**
BÜYÜKTUNA S. A., BOLAT S., DOĞAN K., ÇAKIR Y., DOĞAN H. O.

CUMHURİYET SCIENCE JOURNAL, vol.45, no.2, pp.338-342, 2024 (Peer-Reviewed Journal)

II. The Effect of Cycle Threshold Value on Predicting Prognosis in CrimeanCongo Hemorrhagic Fever Disease

Büyüktuna S. A., Çubuk F., Hasbek M., Kara S., Çömez Baysal A., Baysal C., Keskin E., Bolat S., Elaldı N., Bakır M.

FLORA İNFEKSİYON HASTALIKLARI VE KLİNİK MİKROBİYOLOJİ DERGİSİ, vol.28, no.4, pp.629-636, 2023 (ESCI)

Books & Book Chapters

I. The Relationship Between Obesity, Metabolic Syndrome, Diabetes and COVID-19

DOĞAN K., BOLAT S., DOĞAN H. O.

in: COVID - 19 Pandemisinde Tıbbi Biyokimyanın Artan Rolü, Doğan Yücel, Editor, TÜRKİYE KLİNİKLERİ, Ankara, pp.63-67, 2021

Supported Projects

Keklikcioğlu Çakmak N., Ataseven H., Sayın K., Gezegen H., Altun A., Doğan H. O., Ergül M., Taş A., Özer H., Koç S., et al., Project Supported by Higher Education Institutions, DENEYSEL MİDE KANSERİ OLUŞTURULAN NUDE FARELERDE VEGFR2 HEDEFLİ YENİ İLAÇ MOLEKÜLLERİNİN ETKİNLİĞİNİN İN SİLİKO, İN VİTRO VE İN VİVO ARAŞTIRILMASI, 2020 - 2023

Doğan H. O., Doğan K., Büyüktuna S. A., Budak M., Pınarbaşı E., Şenol O., Sarısmailoğlu R., Bolat S., Project Supported by Higher Education Institutions, TUBİTAK TARAFINDAN DESTEKLENEN COVID-19 HASTALARINDA LÖKOTRİEN METABOLİZMASININ DEĞERLENDİRİLMESİ İSİMLİ PROJENİN GELİŞTİRİLMESİ, 2021 - 2022

Metrics

Publication: 26

Citation (WoS): 49

Citation (Scopus): 96

H-Index (WoS): 3

H-Index (Scopus): 4