Asst. Prof. HANDE KARPUZOGLU

Personal Information

Email: Hande.Karpuzoglu@acibadem.edu.tr
Other Email: handekarpuzoglu@yahoo.com.tr
Web: https://avesis.acibadem.edu.tr/Hande.Karpuzoglu

Education Information

Postgraduate, Yeditepe University, Faculty Of Pharmacy, Department Of Professıonal Pharmaceutıcal Scıences, Turkey 2011 - 2013
Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, Turkey 2003 - 2008
Doctorate, Istanbul University, Istanbul Medical Faculty, Turkey 1996 - 2002

Foreign Languages

English, C1 Advanced

Dissertations

Expertise In Medicine, Karnozin ve Taurinin Akut Myokard İnfarktüslü Sıçanların Kalp Dokusunda Hücre Hasarı İle Prooksidan-Antioksidan Denge Üzerine Etkilerinin İncelenmesi, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, 2008

Academic Titles / Tasks

Assistant Professor, Acibadem Mehmet Ali Aydinlar University, Vocational School Of Health Services, Medical Laboratory Techniques, 2019 - Continues
Specialization Student, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, 2003 - 2008

Courses

Yaz Stajı, Associate Degree, 2021 - 2022
Biyokimya, Undergraduate, 2021 - 2022
Tıbbi Laboratuvar Klinik Uygulamaları, Associate Degree, 2021 - 2022
Tıbbi Laboratuvar Klinik Uygulamaları, Associate Degree, 2021 - 2022
Temel Biyoloji Uygulamaları, Associate Degree, 2021 - 2022
Temel Biyoloji Uygulamaları, Associate Degree, 2021 - 2022
Yaz Stajı, Associate Degree, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Increased maternal leptin levels may be an indicator of subclinical hypothyroidism in a newborn.**
KARPUZOGLU 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)

II. **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)

III. **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)

IV. **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)

V. **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)

VI. **Effects of carnosine on prooxidant-antioxidant status in heart tissue, plasma and erythrocytes of rats with isoproterenol-induced myocardial infarction**
Evran B., Karpuzoglu H., Develi S., Kalaz E. B., Soluk-Tekkesin M., Olgac V., Dogru-Abbasoglu S., Uysal M.
PHARMACOLOGICAL REPORTS, vol.66, no.1, pp.81-86, 2014 (SCI-Expanded)

VII. **Spectral effect: each population must have its own normal midnight salivary cortisol reference values determined**
Mert M., Tanakol R., Karpuzoglu H., ABBASOĞLU S., YARMAN E. S., Boztepe H., Alagol F.
ARCHIVES OF MEDICAL SCIENCE, vol.9, no.5, pp.872-876, 2013 (SCI-Expanded)

VIII. **The combinations of TNF alpha-308 and IL-6-174 or IL-10-1082 genes polymorphisms suggest an association with susceptibility to sporadic late-onset Alzheimer's disease**
VURAL P., Degirmencioglu S., Parildar-Karpuzoglu H., Dogru-Abbasoglu S., HANAĞASI H. A., KARADAĞ B., Gurvit H., Emre M., UYSAL M.
ACTA NEUROLOGICA SCANDINAVICA, vol.120, no.6, pp.396-401, 2009 (SCI-Expanded)

IX. **I405V and TaqIB polymorphisms of the cholesteryl ester transfer protein and their relation to serum lipid and lipoprotein levels in a Turkish population**
ABBASOĞLU S., Panldar-Karpuzoglu H., Depboylu B., ÇİNE N., Uysal M., KÜÇÜKGERGİN C.
CELL BIOCHEMISTRY AND FUNCTION, vol.27, no.2, pp.76-80, 2009 (SCI-Expanded)

X. **Single nucleotide polymorphisms in base-excision repair genes hOGG1, APE1 and XRCC1 do not alter risk of Alzheimer's disease**
Parildar-Karpuzoglu H., Dogru-Abbasoglu S., HANAĞASI H. A., Karadag B., Gurvit H., Emre M., Uysal M.
NEUROSCIENCE LETTERS, vol.442, no.3, pp.287-291, 2008 (SCI-Expanded)

XI. **Effect of taurine treatment on pro-oxidant-antioxidant balance in livers and brains of old rats**
Parildar-Karpuzoglu H., Mehmetcik G., Ozdemirler-Erata G., Dogru-Abbasoglu S., Kocak-Toker N., Uysal M.
PHARMACOLOGICAL REPORTS, vol.60, no.5, pp.673-678, 2008 (SCI-Expanded)

XII. **Lipid peroxidation potential and antioxidants in the heart tissue of beta-alanine- or taurine-treated old rats**
Parildar H., ABBASOĞLU S., Mehmetcik G., Oziemirler G., TOKER B. N., Uysal M.
JOURNAL OF NUTRITIONAL SCIENCE AND VITAMINOLOGY, vol.54, no.1, pp.61-65, 2008 (SCI-Expanded)

XIII. **Nitrotyrosine formation and heme oxygenase-1 expression in endotoxemic cirrhotic rats.**
Doğru-Abbasoğlu S., Parildar-Karpuzoğlu H., Balkan J., Aykaç-Toker G., Uysal M.

Archives of medical research, vol.38, pp.28-33, 2007 (SCI-Expanded)

XIV. **Decreases in taurine levels induced by beta-alanine treatment did not affect the susceptibility of tissues to lipid peroxidation**
Parildar-Karpuzoglu H., Dogru-Abbasoglu S., Balkan J., AAykac-Toker G., Uysal M.
AMINO ACIDS, vol.32, no.1, pp.115-119, 2007 (SCI-Expanded)

XV. **Polymorphisms in the DNA repair genes XPD (ERCC2) and XPF (ERCC4) are not associated with sporadic late-onset Alzheimer's disease**
Dogru-Abbasoglu S., Inceoglu M., Parildar-Karpuzoglu H., Hanagasi H. A., Karadag B., Gurvit H., Emre M., Aykac-Toker G., Uysal M.
NEUROSCIENCE LETTERS, vol.404, no.3, pp.258-261, 2006 (SCI-Expanded)

XVI. **The effect of taurine or betaine pretreatment on hepatotoxicity and prooxidant status induced by lipopolysaccharide treatment in the liver of rats**
Balkan J., Parildar F., Dogru-Abbasoglu S., Aykac-Toker G., Uysal M.
EUROPEAN JOURNAL OF GASTROENTEROLOGY & HEPATOLOGY, vol.17, no.9, pp.917-921, 2005 (SCI-Expanded)

Books & Book Chapters

I. **Micronutrients: Vitamins & Minerals**
Karpuzoglu H.
in: Harper's Illustrated Biochemistry, Doğan Yücel,Abdurrahman Coşkun, Editor, Güneş Kitabevi, İstanbul, pp.527-540, 2019

II. **Nutrition, Digestion. and Absorption**
Karpuzoglu H.
in: Harper's Illustrated Biochemistry, Doğan Yücel, Editor, Güneş Kitabevi, İstanbul, pp.519-526, 2019

Refereed Congress / Symposium Publications in Proceedings

I. **Hastane verilerinden seruloplazmin, A1AT, transferrin ve SFTR testlerinin pediatrik yaş grubu referans aralıklarının hesaplanması**
Karpuzoglu H., Mıkaılova P., Kilercik M., Serteser M.
31. Ulusal Biyokimya Kongresi, İstanbul, Turkey, 18 - 20 December 2020, vol.45, pp.77

II. **Biological variation in clinical practice: bridge between laboratorians and clinicians**
Karpuzoglu H., Serteser M., Coskun A.
XXVII. BALKAN KLİNİK LABORATUVAR FEDERASYONU KONGRESİ BCLF 2019 XXX. TÜRK BİYOKİMYA DERNEĞİ ULUSAL BİYOKİMYA KONGRESİ TBD 2019 27-31 Ekim 2019, Antalya, Türkiye XXVII. BALKAN CLINICAL LABORATORY FEDERATION MEETING BCLF 2019 XXX. NATIONAL CONGRESS OF THE TURKISH BIOCHEMICAL SOCIETY TBS 2019 27-31 October 2019, Antalya, Turkey, İstanbul, Turkey, 27 - 31 October 2019, vol.44, no.3, pp.54

III. **The uncertainty of HOMA-IR in clinical practice**
Karpuzoglu H., Serteser M., Coskun A.
The 4th Joint EFLM-UEMS Congress “Laboratory Medicine at the Clinical Interface” Warsaw, Poland, 21th–24th September, 2016, Warszawa, Poland, 21 - 24 September 2016, vol.54, no.10, pp.357

Metrics

Publication: 22
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