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Education Information

Doctorate, Aydın Adnan Menderes University, Graduate School Of Educational Sciences, Biyofizik (Tıp), Turkey 2009 - 2014

Postgraduate, Aydın Adnan Menderes University, Graduate School Of Educational Sciences, Biyofizik (Tıp), Turkey 2006 - 2009

Undergraduate, İzmir Institute Of Technology, Faculty Of Science, Fizik, Turkey 2000 - 2006

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, 4th International Summer Research Program (Magnetic Microbubbles), Ludwig-Maximilians-Universitaet München, 2011

Dissertations

Doctorate, Protoporfirin Yüklü Manyetolipozomların Biyofiziksel Karakterizasyonu, Aydın Adnan Menderes University, Sağlık Bilimleri Enstitüsü, Biyofizik (Tıp), 2014

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biophysics

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp, 2019 - Continues

Courses

Biophysics-Medicine, Undergraduate, 2020 - 2021

Biophysics, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Alarin potentiates ongoing epileptiform activity in rat brain slices: an in vitro electrophysiological study**
KALKAN Ö. F., ÖZTÜRK H., ŞAHİN Z., BAŞOĞLU H., Abidin S. A., ABİDİN İ.
Acta Neurobiologiae Experimentalis, vol.84, no.1, pp.35-42, 2024 (SCI-Expanded)
- II. **Title: A Boron-Chelating Piperazine-Tethered Schiff Base Can Modulate Excitability in Brain Slices in a Specific Frequency Range**
BAŞOĞLU H., DEĞİRMENCİOĞLU İ., ÖZTÜRK H., Yorulmaz N., ABİDİN S., ABİDİN İ.
ChemistrySelect, vol.8, no.48, 2023 (SCI-Expanded)
- III. **Microencapsulation of parathyroid cells via electric field and non-surgical transplantation approach.**
Karabiyik Acar Ö., Başoğlu H., Keğin M., Nozhatzadeh G. D., Hacıhasanoğlu E., Tuncer A. A., Şahin F., Torun Köse G., Aysan E.
Journal of endocrinological investigation, vol.46, no.11, pp.2257-2267, 2023 (SCI-Expanded)
- IV. **Fisetin decreases the duration of ictal-like discharges in mouse hippocampal slices**
Ozturk H., Basoglu H., Yorulmaz N., Aydin-Abidin S., Abidin I.
JOURNAL OF BIOLOGICAL PHYSICS, vol.48, no.3, pp.355-368, 2022 (SCI-Expanded)
- V. **Synthesis and photodynamic efficacy of water-soluble protoporphyrin IX homologue with mPEG550**
Başoğlu H., Değirmencioğlu İ., Celep Eyüpoğlu F.
PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY, vol.36, 2021 (SCI-Expanded)
- VI. **Xenotransplantation of Microencapsulated Parathyroid Cells as a Potential Treatment for Autoimmune-Related Hypoparathyroidism.**
Goncu B., Yucesan E., Basoglu H., Gul B., Aysan E., Ersoy Y. E.
Experimental and clinical transplantation : official journal of the Middle East Society for Organ Transplantation, 2021 (SCI-Expanded)
- VII. **Microencapsulated parathyroid allotransplantation in the omental tissue**
YÜCESAN E., Basoglu H., Goncu B., AKBAŞ F., ERSOY Y. E., Aysan E.
ARTIFICIAL ORGANS, vol.43, no.10, pp.1022-1027, 2019 (SCI-Expanded)
- VIII. **Calcium homeostasis in cisplatin resistant epithelial ovarian cancer**
Kucukkaya B., Basoglu H., Erdag D., AKBAŞ F., SÜSGÜN S., Yalcintepe L.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.38, no.4, pp.353-363, 2019 (SCI-Expanded)
- IX. **A New Transport Solution for Parathyroid Allotransplantation: Effects on Cell Viability and Calcium-Sensing Receptors**
Goncu B., YÜCESAN E., Ozdemir B., Basoglu H., Kandas N. O., AKBAŞ F., Aysan E.
BIOPRESERVATION AND BIOBANKING, vol.16, no.4, pp.278-284, 2018 (SCI-Expanded)
- X. **Magnetic nanoparticle-mediated gene therapy to induce Fas apoptosis pathway in breast cancer**
Basoglu H., Goncu B., AKBAŞ F.
CANCER GENE THERAPY, vol.25, pp.141-147, 2018 (SCI-Expanded)
- XI. **Fresh tissue parathyroid allotransplantation with short-term immunosuppression: 1-year follow-up**
YÜCESAN E., Goncu B., Basoglu H., Kandas N. O., ERSOY Y. E., AKBAŞ F., Aysan E.
CLINICAL TRANSPLANTATION, vol.31, no.11, 2017 (SCI-Expanded)
- XII. **NEW TRANSPORT SOLUTION FOR PARATHYROID ALLOTRANSPLANTATION**
GÖNCÜ B. S., Ozdemir B., BAŞOĞLU H., Kandas N. O., AKBAŞ F., Toka C. K., YÜCESAN E., KAZANCIOĞLU R., Aysan E.
TRANSPLANT INTERNATIONAL, vol.30, pp.396-397, 2017 (SCI-Expanded)
- XIII. **Protoporphyrin IX-loaded magnetoliposomes as a potential drug delivery system for photodynamic therapy: Fabrication, characterization and in vitro study**

Basoglu H., Bilgin M. D., Demir M. M.

PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY, vol.13, pp.81-90, 2016 (SCI-Expanded)

XIV. Effects of Cilostazol on Oxidative Stress, Systemic Cytokine Release, and Spinal Cord Injury in a Rat Model of Transient Aortic Occlusion

Kurtoglu T., Basoglu H., Ozkisacik E. A., Cetin N. K., Tataroglu C., Yenisey C., Discigil B.

ANNALS OF VASCULAR SURGERY, vol.28, no.2, pp.479-488, 2014 (SCI-Expanded)

XV. Cuprizone-induced demyelination in Wistar rats; electrophysiological and histological assessment

Basoglu H., Boylu N. T., KÖSE H.

EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.17, no.20, pp.2711-2717, 2013 (SCI-Expanded)

XVI. Assessment of in vivo spinal cord conduction velocity in rats in an experimental model of ischemic spinal cord injury

Basoglu H., Kurtoglu T., Cetin N. K., Bilgin M. D., Kiyioglu N.

SPINAL CORD, vol.51, no.8, pp.616-622, 2013 (SCI-Expanded)

XVII. Analysis of Spinal Nerve Conduction Measurement With Epidural Stimulation in Rats

KÖSE H., Basoglu H.

JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.27, no.2, pp.112-120, 2010 (SCI-Expanded)

Articles Published in Other Journals

I. Investigation of In Silico Properties of [5-Hydroxy-7-(Pentyloxy)-2-Phenyl-4h-Chromen-4-One] molecule and its Effects on In-Vitro Epileptiform Activation in Brain Slices

BAŞOĞLU H., ÖZTÜRK H., YORULMAZ N., ABİDİN S., ABİDİN İ.

Acta Medica Nicomedia, vol.6, 2023 (Peer-Reviewed Journal)

II. Flavonoidlerin Beyin Fonksiyonu Üzerindeki Potansiyellerini Keşfetmek: Üç Fenolik Bileşiğin Beyin Elektriksel Aktivitesi Üzerindeki Etkileri

ÖZTÜRK H., BAŞOĞLU H., ABİDİN S., ABİDİN İ.

Harran Üniversitesi Tıp Fakültesi Dergisi, 2023 (Peer-Reviewed Journal)

III. In silico investigation of Alliin as potential activator for AMPA receptor

ÖZTÜRK H., Yorulmaz N., Durgun M., BAŞOĞLU H.

BIOMEDICAL PHYSICS & ENGINEERING EXPRESS, vol.8, no.1, 2022 (ESCI)

IV. L-Theanine Reduces Epileptiform Activity In Brain Slices

BAŞOĞLU H., ÖZTÜRK H., KESER H., ABİDİN S., ABİDİN İ.

Akdeniz Tıp Dergisi, vol.8, pp.121-127, 2022 (Peer-Reviewed Journal)

V. Mikroenkapsüle edilen paratiroid hücrelerinin in-vitro optimizasyonu

YUCESAN E., BAŞOĞLU H., GONCU B., ÖZTEN KANDAŞ N., ERSOY Y. E., AKBAŞ F., AYŞAN M. E.

Dicle Tıp Dergisi, pp.373-380, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. MIGRATION OF IMMUNE CELLS UNDER ELECTRIC FIELDS BAĞIŞIKLIK HÜCRELERİNİN ELEKTRİK ALAN ALTINDA GÖÇÜ

BAŞOĞLU H., Acar Ö. K., Tuncer A., AYŞAN M. E., KÖSE G.

6. Uluslararası GAP Matematik Mühendislik Fen ve Sağlık Bilimleri Kongresi, Şanlıurfa, Turkey, 26 June 2021, pp.15-17

II. HLA class II protein and mRNA expression profiles in cultured parathyroid tissues

GONCU B., KANDAŞ N., ATASOY S., ÖZDEMİR B., YUCESAN E., BAŞOĞLU H., AKBAŞ F., AYŞAN E.

EUROPEAN JOURNAL OF HUMAN GENETICS, Milan, Italy, 16 - 19 June 2018, vol.27, pp.907-908

III. HLA Typing, Panel Reactive Antibody and Donor Specific Antigen Tests Are Not Necessary for

Successful Parathyroid Allotransplantation.

KANIMDAN E., GÖNCÜ B. S., GELMEZ M. Y., Idiz O., Toka C., Ozdemir B., BAŞOĞLU H., Kandas N. O., YÜCESAN E., ERSOY Y. E., et al.

American Transplant Congress, Washington, United States Of America, 2 - 06 June 2018, vol.18, pp.769

- IV. **Parathyroid Cell Xenotransplantation with Ultrapure Alginate Based Microencapsulation Technique.**
GÖNCÜ B. S., YÜCESAN E., BAŞOĞLU H., Celikten M., Huseyinbas O., Ozdemir B., Kandas N. O., AKBAŞ F., ERSOY Y. E., Aysan E.
American Transplant Congress, Washington, United States Of America, 2 - 06 June 2018, vol.18, pp.766
- V. **Bezmialem Taşıma Solüsyonu®'nun Soğuk İskemi Süresince Verimliliğinin Paratiroid Hücreleri İncelenerek Belirlenmesi**
GONCU B., YUCESAN E., ÖZDEMİR B., KESKİN TOKA C., BAŞOĞLU H., ÖZTEN KANDAŞ N., AKBAŞ F., AYŞAN M. E.
19.Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 03 December 2017
- VI. **Paratiroid Hücrelerinin İn Vitro Mikroenkapsülasyonu**
GONCU B., YUCESAN E., HÜSEYİNBAŞ Ö., BAŞOĞLU H., ÖZTEN KANDAŞ N., AKBAŞ F., AYŞAN M. E.
19.Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 03 December 2017
- VII. **Ameliyat sonrası gelişen peritoneal yapışıklığın önlenmesinde sodyum aljinat ve saf aljinat etkinliğinin enflamasyon açısından incelenmesi**
GONCU B., YIĞMAN S., BAŞOĞLU H., YUCESAN E., ÖZTEN KANDAŞ N., AKBAŞ F., AYŞAN M. E.
XV.Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017
- VIII. **NEW TRANSPORT SOLUTION FOR PARATHYROIDALLOTRANSPLANTATION (FR) (NFR)**
GONCU B., ÖZDEMİR B., BAŞOĞLU H., ÖZTEN KANDAŞ N., AKBAŞ F., KESKİN TOKA C., YUCESAN E., KAZANCIOĞLU R., AYŞAN M. E.
18th Congress of the European Society for Organ Transplantation, Barselona, Spain, 24 - 27 September 2017
- IX. **Magnetic nanoparticle mediated gene transfer to induce apoptosis in cancer cells**
BAŞOĞLU H., Goncu B., AKBAŞ F.
EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS, Edinburgh, Saint Helena, 16 - 20 July 2017, vol.46, pp.313

Scientific Refereeing

Spinal Cord, SCI Journal, January 2022

JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, SCI Journal, November 2021

NATURAL PRODUCT RESEARCH, SCI Journal, April 2020

JOURNAL OF INVESTIGATIVE SURGERY, SCI Journal, April 2018

INTERNATIONAL JOURNAL OF NANOMEDICINE, SCI Journal, August 2017

INTERNATIONAL JOURNAL OF NANOMEDICINE, SCI Journal, February 2017

INTERNATIONAL JOURNAL OF NANOMEDICINE, SCI Journal, January 2017

Metrics

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