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International Researcher IDs

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Education Information

Expertise In Medicine, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2009 - 2013

Undergraduate, Ondokuz Mayıs University, Tıp Fakültesi, Turkey 1990 - 1997

Certificates, Courses and Trainings

Health&Medicine, ÜYTE Laboratuvar Uygulamaları Sertifikası, Ondokuz Mayıs Üniversitesi-Tıp Fakültesi, 2017

Dissertations

Expertise In Medicine, Diklofenak sodyum'xxun akut unilateral subdural hematomlu sıçan hipokampusu üzerine etkilerinin histolojik, stereolojik, biyokimyasal yöntemlerle değerlendirilmesi, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2013

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2014 - Continues

Advising Theses

Türkmen A. P., İntrasitoplazmik sperm enjeksiyonu uygulanan hastalarda oosit denudasyonunun fertilizasyon ve embriyo kalitesi üzerine prognostik değeri, Expertise In Medicine, B.YANGIN(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Possible effects of some agents on the injured nerve in obese rats: A stereological and electron microscopic study**
Önger M. E., Kaplan S., Geuna S., Türkmen A. P., Muratori L., Altun G., Altunkaynak B. Z.
JOURNAL OF CRANIO-MAXILLOFACIAL SURGERY, vol.45, no.8, pp.1258-1267, 2017 (SCI-Expanded)
- II. **Electromagnetic field and brain development**
Kaplan S., Deniz O. G., Önger M. E., Türkmen A. P., Yurt K. K., Aydın I., Altunkaynak B. Z., Davis D.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.75, pp.52-61, 2016 (SCI-Expanded)
- III. **Different methods for evaluating the effects of microwave radiation exposure on the nervous system**
Altunkaynak B. Z., Altun G., Yahyazadeh A., KAPLAN A. A., Deniz O. G., Türkmen A. P., Önger M. E., Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.75, pp.62-69, 2016 (SCI-Expanded)
- IV. **Is parturition-timing machinery related to the number of inhibitor CD94/NKG2A positive uterine natural killer cells?**
Mazi E., Altunkaynak Z., Aydın I., Kocak I., Guven D., Türkmen A. P., Yildiran A.
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.294, no.2, pp.261-265, 2016 (SCI-Expanded)
- V. **Controversies on electromagnetic field exposure and the nervous systems of children**
Warille A. A., Önger M. E., Türkmen A. P., Deniz O. G., Altun G., Yurt K. K., Altunkaynak B. Z., Kaplan S.
HISTOLOGY AND HISTOPATHOLOGY, vol.31, no.5, pp.461-468, 2016 (SCI-Expanded)
- VI. **Effect of mercury vapor inhalation on rat ovary: Stereology and histopathology**
Altunkaynak B. Z., AKGÜL N., Yahyazadeh A., Altunkaynak M. E., Türkmen A. P., AKGÜL H. M., Unal B.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.42, no.4, pp.410-416, 2016 (SCI-Expanded)
- VII. **Effects of diclofenac sodium on the hippocampus of rats with acute subdural hematoma: histological, stereological, and molecular approach**
Türkmen A. P., Kaplan S., Aksoy A., Altunkaynak B. Z., Yurt K. K., Elibol E., Çokluk C., Önger M. E.
FOLIA NEUROPATHOLOGICA, vol.54, no.2, pp.167-179, 2016 (SCI-Expanded)
- VIII. **Effects of prenatal diclofenac sodium exposure on newborn testis: a histomorphometric study**
Arslan H., Aktas A., Elibol E., ESENER O. B. B., Türkmen A. P., Yurt K. K., Önger M. E., Altunkaynak B. Z., Kaplan S.
BIOTECHNIC & HISTOCHEMISTRY, vol.91, no.4, pp.277-282, 2016 (SCI-Expanded)
- IX. **A stereological and histopathological study of the effects of exposure of male rat testes to mercury vapor**
Altunkaynak M. E., Akgul N., Yahyazadeh A., Altunkaynak B. Z., Türkmen A. P., Akgul H. M., Aksak S., Unal B.
BIOTECHNIC & HISTOCHEMISTRY, vol.90, no.7, pp.529-534, 2015 (SCI-Expanded)
- X. **Effects of melatonin on diclofenac sodium treated rat kidney: a stereological and histopathological study**
Khoshvakhti H., Yurt K. K., Altunkaynak B. Z., Türkmen A. P., Elibol E., Aydın I., Kivrak E. G., Önger M. E., Kaplan S.
RENAL FAILURE, vol.37, no.8, pp.1379-1383, 2015 (SCI-Expanded)
- XI. **Effects of prenatal exposure to diclofenac sodium and saline on the optic nerve of 4- and 20-week-old male rats: a stereological and histological study**
Colakoglu S., Aktas A., Raimondo S., Türkmen A. P., Altunkaynak B. Z., Odaci E., Geuna S., Kaplan S.
BIOTECHNIC & HISTOCHEMISTRY, vol.89, no.2, pp.136-144, 2014 (SCI-Expanded)
- XII. **THE EFFECT OF MELATONIN AND PLATELET GEL ON SCIATIC NERVE REPAIR: AN ELECTROPHYSIOLOGICAL AND STEREOLOGICAL STUDY**
Kaplan S., PİŞKİN A., Ayyıldız M., Aktas A., Koksak B., TUNALI M. B., Türkmen A. P., Bakan F., Geuna S.
MICROSURGERY, vol.31, no.4, pp.306-313, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Cost-effectiveness of GnRH antagonist implementation on hCG injection day**
Özdemir A. Z., Ayas B., Güven D., Türkmen A. P., Gulumser C.

- II. **Are Acute Phase Reactants and CA125 Useful for Pregnancy Prediction in Frozen Embryo Transfer?**
Karli P., GÜVEN D., TÜRKMEN A. P., Ozdemir A., GÜLÜMSER Ç.
Advances in Reproductive Sciences, vol.7, no.02, pp.31-38, 2019 (Peer-Reviewed Journal)
- III. **The role of growth factors in nerve regeneration**
Önger M. E., DELİBAŞ B., Türkmen A. P., Erener E., Altunkaynak B. Z., Kaplan S.
Drug Discoveries and Therapeutics, vol.10, no.6, pp.285-291, 2016 (ESCI)

Books & Book Chapters

- I. **Effects of Methylphenidate and Atomoxetine on Development of the Brain**
ALTUNKAYNAK B. Z., ÖNGER M. E., TÜRKMEN A. P., TÜFEKÇİ K. K., ALTUN G., YÜCE M., KAPLAN S.
in: Melatonin, Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato, Editor, Springer, pp.825-845, 2016
- II. **Effects of Methylphenidate and Atomoxetine on Development of the Brain**
ALTUNKAYNAK B. Z., Önger M. E., TÜRKMEN A. P., YURT K. K., ALTUN G., yüce m., KAPLAN S.
in: Melatonin Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato , Editor, Springer, pp.825-845, 2016
- III. **Effects of Methylphenidate and Atomoxetine on Development of the Brain**
ALTUNKAYNAK B. Z., ÖNGER M. E., TÜRKMEN A. P., YURT K. K., ALTUN G., yüce m., KAPLAN S.
in: Melatonin Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato, Editor, Springer India, pp.825-845, 2016
- IV. **Effects of Methylphenidate and Atomoxetine on Development of the Brain.**
ALTUNKAYNAK B. Z., ÖNGER M. E., TÜRKMEN A. P., TÜFEKÇİ K. K., ALTUN G., YÜCE M., KAPLAN S.
in: Melatonin, Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato, Editor, springer, New Delhi, pp.825-845, 2016
- V. **Melatonin and Melatonin Receptors in Neuroprotection**
DENİZ Ö. G., TÜRKMEN A. P., ÖNGER M. E., ALTUNKAYNAK B. Z., KAPLAN S.
in: Melatonin, Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato, Editor, Springer, pp.65-75, 2016
- VI. **Melatonin and Melatonin Receptors in Neuroprotection**
DENİZ Ö. G., TÜRKMEN A. P., Önger M. E., ALTUNKAYNAK B. Z., KAPLAN S.
in: Melatonin Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato , Editor, Springer, pp.66-75, 2016
- VII. **Melatonin and Melatonin Receptors in Neuroprotection**
DENİZ Ö. G., TÜRKMEN A. P., ÖNGER M. E., ALTUNKAYNAK B. Z., KAPLAN S.
in: Melatonin Neuroprotective Agents and Antidepressant Therapy, Francisco López-Muñoz, Venkataramanujam Srinivasan, Domenico de Berardis, Cecilio Álamo, Takahiro A. Kato, Editor, Springer India, pp.65-75, 2016
- VIII. **Development of the Cranial Nerves**
TÜRKMEN A. P., ALTUNKAYNAK B. Z., ÖNGER M. E., ANNAÇ E., DENİZ Ö. G., ALTUNKAYNAK M. E., KAPLAN S.
in: Nerves and Nerve Injuries, R. Shane Tubbs, Elias Rizk, Mohammadali Shoja, Marios Loukas, Robert J. Spinner and Nicholas Barbaro , Editor, Elsevier, pp.41-53, 2015
- IX. **Development of the Cranial Nerves**
TÜRKMEN A. P., ALTUNKAYNAK B. Z., ÖNGER M. E., ELİBOL E., DENİZ Ö. G., ALTUNKAYNAK M. E., KAPLAN S.
in: Nerves and Nerve Injuries, , Editor, Elsevier, pp.41-53, 2015
- X. **Development of Cranial Nerves**
TÜRKMEN A. P., ALTUNKAYNAK B. Z., Önger M. E., ANNAÇ E., DENİZ Ö. G., ALTUNKAYNAK M. E., KAPLAN S.
in: Nerves and Nerve Injuries, R. Shane Tubbs, Elias Rizk, Mohammadali Shoja, Marios Loukas, Nicholas Barbaro, Robert Spinner , Editor, Elsevier, pp.41-53, 2015
- XI. **Embryology of the Peripheral Nerves**

ÖNGER M. E., TÜRKMEN A. P., ANNAÇ E., ALTUN G., DENİZ Ö. G., ALTUNKAYNAK B. Z., KAPLAN S.

in: Nerves and Nerve Injuries, Shane Tubbs, Elias Rizk, Mohammadali Shoja, Marios Loukas, Robert J. Spinner and Nicholas Barbaro , Editor, Elsevier, pp.37-40, 2015

XII. Embryology of the Peripheral Nerves

Önger M. E., TÜRKMEN A. P., ANNAÇ E., DENİZ Ö. G., ALTUNKAYNAK B. Z., KAPLAN S.

in: Nerves and Nerve Injuries, R. Shane Tubbs, Elias Rizk, Mohammadali Shoja, Marios Loukas, Nicholas Barbaro, Robert Spinner , Editor, Elsevier, pp.37-39, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Estimation of particle number on physical and optical sections Physical and optical fractionator**
TÜRKMEN A. P.
2nd Neuroscience Stereology and Scientific Writing Symposium, 15 - 19 March 2016
- II. **Section thickness estimations**
TÜRKMEN A. P.
Intensive Hands on Training Stereology Workshop, 2nd Asian and African Stereology Congress, 7th International Scientific Writing and Stereology Workshop, Dubai, United Arab Emirates, 2 - 06 December 2015
- III. **Do platelet rich plasma *Mimodica Charantia* and Ankaferd blood stopper promote nerve regeneration of static nerve in obese rats**
Önger M. E., Geuna S., TÜRKMEN A. P., Raimondo S., DENİZ Ö. G., ALTUNKAYNAK B. Z., KAPLAN S.
3rd International Symposium on Peripheral Nerve Regeneration, 24 - 25 September 2015
- IV. **Possible effects of some agents on the injured nerve in obese rats A stereological electrophysiological and electron microscopic study**
Önger M. E., KAPLAN S., Geuna S., Yahyazadeh A., TÜRKMEN A. P., Muratori L., ALTUN G., ALTUNKAYNAK B. Z.
3rd International Symposium on Peripheral Nerve Regeneration, 24 - 25 September 2015
- V. **Investigation Of The Effects Of Omega 3 And Melatonin On Adult Rat Brain Exposed To Electromagnetic Field**
ALTUN G., KOCACAN S. E., DENİZ Ö. G., Kıvrak E., TÜRKMEN A. P., Mehmet Emin Ö., ALTUNKAYNAK B. Z., KAPLAN S.
BioEM 2015, California, United States Of America, 14 - 19 June 2015
- VI. **EFFECTS OF BOSWELLIA SACRA AND FOLIC ACID ON HIPPOCAMPUS IN ELECTROMAGNETIC FIELD EXPOSED RATS**
KIVRAK E. G., ALTUNKAYNAK B. Z., DENİZ Ö. G., ALTUN G., TÜRKMEN A. P., ÖNGER M. E., KAPLAN S.
BioEM Joint Meeting, 14 - 19 June 2015
- VII. **THE EFFECTS OF TOPIRAMATE ON THE NEUROPEPTIDE Y LEVEL AND NEURON NUMBER IN THE ARCUATE NUCLEUS OF THE FEMALE OBESE RATS**
aydın I., ALTUNKAYNAK B. Z., ALTUNKAYNAK M. E., önger m. e., TÜRKMEN A. P., KAPLAN S.
MNS MEETING 2015 SANTA MARGHERITA DI PULA, 12-15 JUNE 2015, 12 - 15 June 2015
- VIII. **Effects of Boswellia sacra and folic acid on hippocampus in electromagnetic field exposed rats**
KIVRAK E. G., ALTUNKAYNAK B. Z., DENİZ Ö. G., ALTUN G., TÜRKMEN A. P., ÖNGER M. E., KAPLAN S.
BioEM2015, 14 - 19 June 2015
- IX. **EFFECTS OF DIFFERENT DOSES DICLOFENAC SODIUM ON DEVELOPMENTAL FEATURES OF HIPPOCAMPUS IN RATS A HISTOPATHOLOGICAL AND STEREOLOGICAL ANALYSIS**
ayranç e., KAPLAN S., ALTUNKAYNAK B. Z., önger m. e., TÜRKMEN A. P., YURT K. K.
MNS MEETING 2015 SANTA MARGHERITA DI PULA, 12-15 JUNE 2015, 12 - 15 June 2015
- X. **Effect of different doses of diclofenac sodium on the hippocampus development during the first trimester of pregnancy.**
ANNAÇ E., KAPLAN S., TÜRKMEN A. P., AKSOY A., YURT K. K., ALTUN G., ÖNGER M. E., ALTUNKAYNAK B. Z.
International 3rd Scientific Writing Stereology Workshop, 8 - 12 April 2014, vol.31, pp.136
- XI. **Potential effects of stem cell derived from the peripheral nerve after crush injury in control and obese rats**

KAYHAN KUŞTEPE E., ALTUNKAYNAK B. Z., YILDIRAN A., ALTUNKAYNAK M. E., TÜRKMEN A. P., ÖNGER M. E.,
KAPLAN S.

2nd International Symposium on Peripheral Nerve Regeneration, Italy, 23 - 25 January 2014

Supported Projects

Arslan M. A., Türkmen A. P., TUBITAK Project, İdiyopatik Erkek İnfertilitesinde Beclin-1 Statüsünün Apoptoz, Otofaji ve In Vitro Fertilizasyon Başarısı ile İlişkisinin Araştırılması, 2020 - 2023

Türkmen A. P., Project Supported by Higher Education Institutions, 2nd Neuroscience Stereology and Scientific Writing Symposium, 2016 - 2016

Türkmen A. P., Project Supported by Higher Education Institutions, 2nd Asian and African Stereology Congress and Intensive Hands on Training Stereology Workshop and 7th International Scientific Writing Workshop, 2015 - 2016