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Education Information

Doctorate, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (Dr), Turkey 1985 - 1991

Postgraduate, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (YI) (Tezli), Turkey 1985 - 1987

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1977 - 1982

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, 4 ve 20 haftalık erkek ve dişi sıçanların hipokampusunda nöronal asimetri, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (Dr), 1990

Postgraduate, İnsan göbek bağında hücre dağılımı, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (YI) (Tezli), 1987

Research Areas

Fundamental Medical Sciences, Histology and Embryology

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1984 - Continues

Academic and Administrative Experience

Ondokuz Mayıs University, 2008 - Continues

Ondokuz Mayıs University, 2015 - 2016

Ondokuz Mayıs University, 2014 - 2015

Courses

HİSTOLOJİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

STEREOLOJİ, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Advising Theses

Süleyman K., Nonsteroidal antiinflatuar ilaca prenatal maruz kalmanın periferik sinir gelişimi üzerindeki olumsuz etkilerine karşı melatoninin nöroprotektif etkinliğinin değerlendirilmesi, Doctorate, İ.KESKİN(Student), 2011

Süleyman K., Otopsi olgularında glomus caroticum ve sinus caroticus anatomisi, histolojisi ve varyasyonları, Doctorate, TACAR(Student), 2010

Süleyman K., Geçici serebral iske mi sonrası civciv hippokampusunda meydana gelen nöron sayısı değişimlerinin optik fraksiyonlama yöntemi ile araştırılması, Postgraduate, S.CANAN(Student), 1998

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The histomorphological and stereological assessment of rat dorsal root ganglion tissues after various types of sciatic nerve injury**
DELİBAŞ B., Kaplan S.
HISTOCHEMISTRY AND CELL BIOLOGY, vol.161, no.2, pp.145-163, 2024 (SCI-Expanded)
- II. **Momordica charantia enhances tendon healing in rats: An experimental study**
Erdogan F., KAPLAN A. A., Coşkun H. S., Altun G., Altunkaynak B. Z., Kelsaka E., Kaplan S., PİŞKİN A.
CELLS TISSUES ORGANS, 2023 (SCI-Expanded)
- III. **An investigation of the potential effects of amitriptyline on polycystic ovary syndrome induced by estradiol valerate**
Alkan I., Kaplan S.
HISTOCHEMISTRY AND CELL BIOLOGY, vol.160, no.1, pp.27-37, 2023 (SCI-Expanded)
- IV. **The effects of curcumin and blueberry on axonal regeneration after peripheral nerve injury**
KAPLAN A. A., Önger M. E., Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.130, 2023 (SCI-Expanded)
- V. **Beneficial effects of curcumin in the diabetic rat ovary: a stereological and biochemical study**
Tufekci K. K., Kaplan S.
HISTOCHEMISTRY AND CELL BIOLOGY, vol.159, no.5, pp.401-430, 2023 (SCI-Expanded)
- VI. **Special issue editorial: In vivo experimental studies of prenatal and neonatal exposures to EMF provide grounds for epidemiological surveillance and precaution**
Kaplan S., Davis D. L., Steinbusch H. W. M.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.129, 2023 (SCI-Expanded)
- VII. **Stereological Evidence of Non-Selective Hippocampal Neurodegeneration, IGF-1 Depletion, and Behavioral Deficit following Short Term Bilateral Adrenalectomy in Wistar Rats**
Hamadi N., Deniz O. G., Issa A. S. A., Islam A. U. S., Amir N., Minhas S. T., Madjid N., Khelifi-Touhami F., Kaplan S., Adem A.
BIOMOLECULES, vol.13, no.1, 2023 (SCI-Expanded)
- VIII. **The potential protective effects of melatonin and omega-3 on the male rat optic nerve exposed to 900?MHz electromagnetic radiation during the prenatal period**
Tufekci K. K., KAPLAN A. A., Kaya A., Alrafiah A., Altun G., AKTAŞ A., Kaplan S.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.133, pp.1424-1436, 2023 (SCI-Expanded)

- IX. **The effect of dietary sesame oil and ginger oil as antioxidants in the adult rat dorsal root ganglia after peripheral nerve crush injury**
Delibas B., KAPLAN A. A., Marangoz A. H., Eltahir M. I., Altun G., Kaplan S.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, 2022 (SCI-Expanded)
- X. **The effects of Gum Arabic, curcumin (*Curcuma longa*) and *Garcinia kola* on the rat hippocampus after electromagnetic field exposure: A stereological and histological study**
Elamin A. A. E., Deniz O. G., Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.120, 2022 (SCI-Expanded)
- XI. **The effects of different herbals on the rat hippocampus exposed to electromagnetic field for one hour during the prenatal period**
Deniz O. G., Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.119, 2022 (SCI-Expanded)
- XII. **The protective effect of curcumin on the diabetic rat kidney: A stereological, electron microscopic and immunohistochemical study**
Ulubay M., Alkan I., Yurt K. K., Kaplan S.
ACTA HISTOCHEMICA, vol.122, no.2, 2020 (SCI-Expanded)
- XIII. **The effects of different doses of diclofenac sodium on newborn rat hippocampus exposed during the third trimester**
Elibol E., Kaplan S., Altun G., Aksoy A., ALTUNKAYNAK B. Z.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.44, no.2, pp.404-417, 2020 (SCI-Expanded)
- XIV. **Biochemical, immunohistochemical and morphometrical investigation of the effect of thymoquinone on the rat testis following exposure to a 900-MHz electromagnetic field**
Yahyazadeh A., ALTUNKAYNAK B. Z., Kaplan S.
ACTA HISTOCHEMICA, vol.122, no.1, 2020 (SCI-Expanded)
- XV. **Is melatonin, leptin or their combination more effective on oxidative stress and folliculogenesis in the obese rats?**
Kirikci G., ALTUNKAYNAK B. Z., Kaplan S.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY, vol.40, no.1, pp.116-127, 2019 (SCI-Expanded)
- XVI. **A Study on the Toxic Effect of Different Doses of Diclofenac Sodium on the Development of the Kidney in the Postnatal Period**
Mustafa H. N., Alkan I., Dentz O. G., Altunkaynak B. Z., ANNAÇ E., Kaplan S.
INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.37, no.3, pp.877-884, 2019 (SCI-Expanded)
- XVII. **Neuroprotective Effects of Melatonin and Omega-3 on the Central Nervous System Exposed to Electromagnetic Fields in the Pre- and Postnatal Periods**
Yurt K. K., Kivrak E. G., Altun G., AKTAŞ A., KAPLAN A. A., Kaplan S.
OMEGA FATTY ACIDS IN BRAIN AND NEUROLOGICAL HEALTH, 2ND EDITION, pp.161-191, 2019 (SCI-Expanded)
- XVIII. **A concise review of optical, physical and isotropic fractionator techniques in neuroscience studies, including recent developments**
Deniz O. G., Altun G., KAPLAN A. A., Yurt K. K., von Bartheld C. S., Kaplan S.
JOURNAL OF NEUROSCIENCE METHODS, vol.310, pp.45-53, 2018 (SCI-Expanded)
- XIX. **Effects of mobile phone exposure on metabolomics in the male and female reproductive systems**
Altun G., Deniz O. G., Yurt K. K., Davis D., Kaplan S.
ENVIRONMENTAL RESEARCH, vol.167, pp.700-707, 2018 (SCI-Expanded)
- XX. **A brief update on physical and optical disector applications and sectioning-staining methods in neuroscience**
Yurt K. K., Kivrak E. G., Altun G., Mohamed H., Ali F., Gasmalla H. E., Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.93, pp.16-29, 2018 (SCI-Expanded)
- XXI. **Effects of spermine and the passive avoidance learning (PAL) following cerebral ischemia in chicks: Association with neuroprotection of pyramidal cells**
Kaplan S., Önger M. E., Altunkaynak B. Z., Elibol E., Deniz O. G., Karayigit M. O., Yarım M., MARANGOZ C., Ragbetli M. C.

JOURNAL OF CHEMICAL NEUROANATOMY, vol.88, pp.41-45, 2018 (SCI-Expanded)

- XXII. **As a painkiller: a review of pre- and postnatal non-steroidal anti-inflammatory drug exposure effects on the nervous systems**
Yurt K. K., Kaplan S.
INFLAMMOPHARMACOLOGY, vol.26, no.1, pp.15-28, 2018 (SCI-Expanded)
- XXIII. **The neuroprotective effect of melatonin on the hippocampus exposed to diclofenac sodium during the prenatal period**
Yurt K. K., Kaplan S., Kivrak E. G.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.87, pp.37-48, 2018 (SCI-Expanded)
- XXIV. **The use of non-steroidal anti-inflammatory drugs diseases**
Terzi M., Altun G., Şen S., Kocaman A., KAPLAN A. A., Yurt K. K., Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.87, pp.12-24, 2018 (SCI-Expanded)
- XXV. **Non-steroidal anti-inflammatory drugs and nervous system development**
Kaplan S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.87, pp.1, 2018 (SCI-Expanded)
- XXVI. **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)
- XXVII. **Postlaminectomy Bone and Scar Formations in Presence of Ankaferd Blood Stopper and Bitter Melon (Momordica Charantia): An Experimental Study**
Kuruoglu E., Önger M. E., Marangoz A. H., Kocacan S. E., Çokluk C., Kaplan S.
TURKISH NEUROSURGERY, vol.27, no.3, pp.441-446, 2017 (SCI-Expanded)
- XXVIII. **Possible promoting effects of melatonin, leptin and alcar on regeneration of the sciatic nerve**
Önger M. E., Kaplan S., Deniz O. G., Altun G., Altunkaynak B. Z., Balci K., Raimondo S., Geuna S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.81, pp.34-41, 2017 (SCI-Expanded)
- XXIX. **Comments on 'Neuroprotective effects of melatonin and omega-3 on hippocampal cells prenatally exposed to 900 MHz electromagnetic fields' Response**
Kaplan S.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.93, no.7, pp.663-664, 2017 (SCI-Expanded)
- XXX. **The histopathological and stereological assessment of the effect of topically administered leptin on cerebral vasospasm in an experimental subarachnoid hemorrhage model**
Demirel C., Çokluk C., Aksoy A., Aydin K., Önger M. E., Kuruoglu E., Marangoz A. H., Deniz O. G., Kaplan S.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.5, pp.1602-1609, 2017 (SCI-Expanded)
- XXXI. **Garcinia kola aqueous suspension prevents cerebellar neurodegeneration in long-term diabetic rat a type 1 diabetes mellitus model**
Farahna M., Etet P. F. S., Osman S. Y., Yurt K. K., Amir N., Vecchio L., Aydin I., Aldebasi Y. H., Sheikh A., Chijuka J. C., et al.
JOURNAL OF ETHNOPHARMACOLOGY, vol.195, pp.159-165, 2017 (SCI-Expanded)
- XXXII. **N-acetylcysteine eradicates Pseudomonas aeruginosa biofilms in bone cement**
Önger M. E., Gocer H., Emir D., Kaplan S.
SCANNING, vol.38, no.6, pp.766-770, 2016 (SCI-Expanded)
- XXXIII. **Effects of Methylphenidate and Atomoxetine Treatment on Purkinje Cell Number in Juvenile Rats**
Acar T., Altunkaynak B. Z., Yurt K. K., Yuce M., Khoshvaghti H., Kivrak E. G., Elibol E., Onger M. E., Kaplan S.
ANALYTICAL AND QUANTITATIVE CYTOPATHOLOGY AND HISTOPATHOLOGY, vol.38, no.6, pp.343-349, 2016 (SCI-Expanded)
- XXXIV. **Neuroprotective effects of melatonin and omega-3 on hippocampal cells prenatally exposed to 900 MHz electromagnetic fields**
Koc G. E., Kaplan S., Altun G., Gumus H., Deniz O. G., Aydin I., Önger M. E., Altunkaynak Z.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.92, no.10, pp.590-595, 2016 (SCI-Expanded)
- XXXV. **Seizures with Pentylenetetrazoll indling Cause a Decrease in the Number of Pyramidal Neurons in**

the Rat Hippocampus

Kocacan S. E., Sefil F., Elibol E., Altunkaynak B. Z., Acar M. D., Bagirici F., Marangoz C., Kaplan S.

ANALYTICAL AND QUANTITATIVE CYTOPATHOLOGY AND HISTOPATHOLOGY, vol.38, no.5, pp.295-300, 2016 (SCI-Expanded)

XXXVI. The role of electromagnetic fields in neurological disorders

Terzi M., Ozberk B., Deniz O. G., Kaplan S.

JOURNAL OF CHEMICAL NEUROANATOMY, vol.75, pp.77-84, 2016 (SCI-Expanded)

XXXVII. Electromagnetic field and brain development

Kaplan S., Deniz O. G., Önger M. E., Türkmen A. P., Yurt K. K., Aydin I., Altunkaynak B. Z., Davis D.

JOURNAL OF CHEMICAL NEUROANATOMY, vol.75, pp.52-61, 2016 (SCI-Expanded)

XXXVIII. 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)

XXXIX. Effect of Electromagnetic Wave on Bone Healing in Fixed and Unfixed Conditions

Önger M. E., Gocer H., Cirakli A., Büyükcerañ İ., Kilic M., Kaplan S.

JOURNAL OF CRANIOFACIAL SURGERY, vol.27, no.6, pp.1606-1608, 2016 (SCI-Expanded)

XL. Effect of Prenatal Exposure to Diclofenac Sodium on the Development of Arteries in the Female Rat A Stereological and Histopathological Evaluation

ÇOLAKOĞLU S., Altunkaynak M. E., Zengin H., Elibol E., Altunkaynak B. Z., Kesim Y., Kaplan S.

ANALYTICAL AND QUANTITATIVE CYTOPATHOLOGY AND HISTOPATHOLOGY, vol.38, no.4, pp.212-220, 2016 (SCI-Expanded)

XLI. 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)

XLII. A histomorphometric study regarding controversial effects of antidepressants on bone mineral density in menopause

Ozdes E. K., Altunkaynak B. Z., İlkaya F., Canbaz Tosun F., Kivrak E. G., Önger M. E., Guzel H., Kokcu A., Kaplan S.

INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.9, no.8, pp.16034-16042, 2016 (SCI-Expanded)

XLIII. 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)

XLIV. 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)

XLV. Generation of Skin Tissue Using Adipose Tissue-Derived Stem Cells

Ozpur M. A., Guneren E., Canter H. I., Karaaltin M. V., Ovali E., Yogun F. N., Baygol E. G., Kaplan S.

PLASTIC AND RECONSTRUCTIVE SURGERY, vol.137, no.1, pp.134-143, 2016 (SCI-Expanded)

XLVI. Role of vascular endothelial growth factor and placental growth factor expression on placenta structure in pre-eclamptic pregnancy

Kurtoglu E., Altunkaynak B. Z., Aydin I., Ozdemir A. Z., Altun G., Kokcu A., Kaplan S.

Journal of Obstetrics and Gynaecology Research, vol.41, no.10, pp.1533-1540, 2015 (SCI-Expanded)

XLVII. Assesment of Superior Colliculus with a Stereological Method in Audiogenic Epilepsy-Prone Wistar Rats

KELOĞLAN S., Tasci N., Kaplan S., Marangoz C.

ACTA PHYSIOLOGICA, vol.215, pp.46-47, 2015 (SCI-Expanded)

XLVIII. Effects of thymoquinone on testicular structure and sperm production in male obese rats

Tufek N. H., Altunkaynak M. E., Altunkaynak B. Z., Kaplan S.

SYSTEMS BIOLOGY IN REPRODUCTIVE MEDICINE, vol.61, no.4, pp.194-204, 2015 (SCI-Expanded)

XLIX. Evaluation of neuroprotection by melatonin against adverse effects of prenatal exposure to a

nonsteroidal anti-inflammatory drug during peripheral nerve development

KESKİN İ., Kaplan S., Kalkan S., Sutcu M., TUNALI M. B., ESENER O. B. B.

INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE, vol.41, pp.1-7, 2015 (SCI-Expanded)

- L. **Effects of prenatal 900 MHz electromagnetic field exposures on the histology of rat kidney**
Ulubay M., Yahyazadeh A., Deniz O. G., Kivrak E. G., Altunkaynak B. Z., Erdem G., Kaplan S.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.91, no.1, pp.35-41, 2015 (SCI-Expanded)
- LI. **Does Melatonin Have a Protective Role against Side Effects of Nonsteroidal Anti-Inflammatory Drugs?**
Elibol E., Altunkaynak B. Z., Deniz O. G., Önger M. E., Kaplan S.
MELATONIN: THERAPEUTIC VALUE AND NEUROPROTECTION, pp.469-483, 2015 (SCI-Expanded)
- LII. **Melatonin Use in Peripheral Nerve Injury**
Önger M. E., Kaplan S., Elibol E., Deniz O. G., Altunkaynak B. Z.
MELATONIN: THERAPEUTIC VALUE AND NEUROPROTECTION, pp.457-462, 2015 (SCI-Expanded)
- LIIL. **Effects of Melatonin on Osteoblastic and Osteoclastic Activities of Bone Tissue**
GUNDAG M., SEYİTHANOĞLU M. H., TURGUT M., Kaplan S., Tuzgen S.
MELATONIN: THERAPEUTIC VALUE AND NEUROPROTECTION, pp.505-513, 2015 (SCI-Expanded)
- LIV. **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)
- LV. **Antiepileptic Effects of Melatonin**
SEYİTHANOĞLU M. H., TURGUT M., GUNDAG M., Ayyıldız M., Kaplan S., Tuzgen S.
MELATONIN: THERAPEUTIC VALUE AND NEUROPROTECTION, pp.421-429, 2015 (SCI-Expanded)
- LVI. **Platelet-Rich Plasma and Autogenous Bone Graft Combined with Guided Tissue Regeneration in Periodontal Fenestration Defects in Dogs**
Keskiner I., Alkan A., Acikgoz G., Arpak N., Kaplan S., Arslan H.
INTERNATIONAL JOURNAL OF PERIODONTICS & RESTORATIVE DENTISTRY, vol.34, no.6, pp.787-788, 2014 (SCI-Expanded)
- LVII. **Efficacy of Ankaferd Blood Stopper on bone healing in diabetic rats: a stereological and histopathological study**
Bulut E., Baş Akkor B., Altunkaynak B. Z., Bekcioglu B., KOÇ G. E., Gonulol E., Onger M. E., Kaplan S.
BIOTECHNIC & HISTOCHEMISTRY, vol.89, no.7, pp.535-543, 2014 (SCI-Expanded)
- LVIII. **Effects of high fat diet induced obesity on peripheral nerve regeneration and levels of GAP 43 and TGF-beta in rats**
Bekar E., Altunkaynak B. Z., Balci K., Aslan G., Ayyildiz M., Kaplan S.
BIOTECHNIC & HISTOCHEMISTRY, vol.89, no.6, pp.446-456, 2014 (SCI-Expanded)
- LIX. **The beneficial effects of Momordica charantia (bitter gourd) on wound healing of rabbit skin**
PİŞKİN A., Altunkaynak B. Z., TÜMENTEMUR G., Kaplan S., Yazici O. B., Hokelek M.
JOURNAL OF DERMATOLOGICAL TREATMENT, vol.25, no.4, pp.350-357, 2014 (SCI-Expanded)
- LX. **Comparison between Flexible Collagen and Vein Conduits Used for Size-Discrepant Nerve Repair: An Experimental Study in Rats**
Demir A., Şimşek T., Acar M., Aktas A., Vlamings R., Ayyıldız M., Yildirim M., Temel Y., Kaplan S.
JOURNAL OF RECONSTRUCTIVE MICROSURGERY, vol.30, no.5, pp.329-334, 2014 (SCI-Expanded)
- LXI. **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)
- LXII. **Immediate versus delayed primary nerve repair in the rabbit sciatic nerve**
PİŞKİN A., Altunkaynak B. Z., Citlak A., Sezgin H., Yazici O., Kaplan S.
NEURAL REGENERATION RESEARCH, vol.8, no.36, pp.3410-3415, 2013 (SCI-Expanded)
- LXIII. **The effect of prenatal exposure of a non-steroidal anti-inflammatory drug on the optic nerve of**

female rats: a stereological, histological, and electron microscopic study

Kaplan S., EŞREFOĞLU M., Aktas A., Gul M., Önger M. E., Altunkaynak M. E., TUNALI M. B., Ragbetli M. C.

JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.26, no.18, pp.1860-1864, 2013 (SCI-Expanded)

- LXIV. **The Effects of Zoledronic Acid on Mandibular Fracture Healing in an Osteoporotic Model: A Stereological Study**
Sener I., Bereket C., Kosker H., TÜRER A., Tek M., Kaplan S.
JOURNAL OF CRANIOFACIAL SURGERY, vol.24, no.4, pp.1221-1224, 2013 (SCI-Expanded)
- LXV. **Stereological and histopathological evaluation of ovary and uterine horns of female rats prenatally exposed to diclofenac sodium**
Guven D., Altunkaynak B. Z., Ayranci E., Kaplan S., Bildircin F. D., Kesim Y., Ekici P.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY, vol.33, no.3, pp.258-263, 2013 (SCI-Expanded)
- LXVI. **Effect of prenatal exposure to diclofenac sodium on the male rat arteries: a stereological and histopathological study**
Zengin H., Kaplan S., TÜMKAYA L., Altunkaynak B. Z., Ragbetli M. C., Altunkaynak M. E., Yılmaz Ö.
DRUG AND CHEMICAL TOXICOLOGY, vol.36, no.1, pp.67-78, 2013 (SCI-Expanded)
- LXVII. **Stereological Evaluation of the Kidneys of Anencephalic and Normal Fetuses**
Kalaycioglu A., ÜÇÜNCÜ Y., Altunkaynak B. Z., Altunkaynak M. E., Gundogdu C., KELEŞ O. N., Unal B., Kaplan S.
RENAL FAILURE, vol.35, no.1, pp.110-117, 2013 (SCI-Expanded)
- LXVIII. **Prenatal exposure of diclofenac sodium affects morphology but not axon number of the median nerve of rats**
Ayranci E., Altunkaynak B. Z., Aktas A., Ekici P., Kaplan S.
FOLIA NEUROPATHOLOGICA, vol.51, no.1, pp.76-86, 2013 (SCI-Expanded)
- LXIX. **Toxicity of non-steroidal anti-inflammatory drugs: a review of melatonin and diclofenac sodium association**
AYGÜN D., Kaplan S., Odaci E., Önger M. E., Altunkaynak M. E.
HISTOLOGY AND HISTOPATHOLOGY, vol.27, no.4, pp.417-436, 2012 (SCI-Expanded)
- LXX. **An Unbiased Way to Estimate Total Quantities: The Fractionator Technique**
Kaplan S., Canan S., Altunkaynak M. E., Odaci E., Aslan H., Unal B.
NEUROQUANTOLOGY, vol.10, no.1, pp.54-65, 2012 (SCI-Expanded)
- LXXI. **Surface Area Estimation: A Brief Review**
Guney M., Önger M. E., Marangoz A., Kaplan S.
NEUROQUANTOLOGY, vol.10, no.4, pp.761-764, 2012 (SCI-Expanded)
- LXXII. **The Disector Counting Technique**
Kaplan S., Odaci E., Canan S., Önger M. E., Aslan H., Unal B.
NEUROQUANTOLOGY, vol.10, no.1, pp.44-53, 2012 (SCI-Expanded)
- LXXIII. **Length Estimation from the Past to the Future: A Brief Review**
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II. Introduction to stereology and sampling strategies in stereology

KAPLAN S.

Intensive Hands on Training Stereology Workshop, 2nd Asian and African Stereology Congress, 7th International Scientific Writing Workshop and Stereology Workshop, Dubai, United Arab Emirates, 2 - 05 December 2015

III. Introduction to Stereology

KAPLAN S.

Stereology Workshop in New Dehli, India, 2 - 05 December 2015

IV. The influence of the omega 3 fatty acids on the liver exposed to 900 MHz electromagnetic field in rats a stereological Study

YAHYAZADEH A., AYDIN I., KOCAMAN A., ALTUN G., ALTUNKAYNAK M. E., ÖNGER M. E., ALTUNKAYNAK B. Z., KAPLAN S.

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V. Estimation of particle number on physical and optical sections Physical and optical dissector

KAPLAN S.

Intensive Hands on Training Stereology Workshop, 2nd Asian and African Stereology Congress, 7th International Scientific Writing Workshop and Stereology Workshop, Dubai, United Arab Emirates, 2 - 05 December 2015

VI. Assesment of Superior Colliculus with a Stereological Method in Audiogenic Epilepsy Prone Wistar Rats

KELOĞLAN S., TAŞCI N., KAPLAN S., MARANGOZ C.

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25. Ulusal Türk ortopedi ve Travmatoloji Kongresi, Turkey, 27 October - 01 November 2015

VIII. Erken ve gecikmiş sinir onarımının histomorfolojik stereolojik ve biyomekanik karşılaştırılması

PİŞKİN A., ALTUNKAYNAK B. Z., ÇITLAK A., SEZGİN H., yazıcı ö., KAPLAN S.

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KAPLAN S., SELÇUK M. B., TERZİ M., ALTUNKAYNAK B. Z., DENİZ A., ASLAN K., ALTUN G., pınar a., Önger m. e., İNCESU L., et al.

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X. Ondokuz Mayıs Üniversitesi Tıp Fakültesi Seçmeli Derslerin Yapılandırılması Üçüncü Sınıf Örneği

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- XI. **Do platelet rich plasma *Momordica Charantia* and Ankaferd blood stopper promote nerve regeneration of static nerve in obese rats**
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3rd International Symposium on Peripheral Nerve Regeneration, 24 - 25 September 2015
- XII. **Possible effects of some agents on the injured nerve in obese rats A stereological electrophysiological and electron microscopic study**
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KAPLAN S.
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- XIV. **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.
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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
- XVI. **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
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KIVRAK E. G., ALTUNKAYNAK B. Z., DENİZ Ö. G., ALTUN G., TÜRKMEN A. P., ÖNGER M. E., KAPLAN S.
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- XVIII. **EFFECTS OF DIFFERENT DOSES DICLOFENAC SODIUM ON DEVELOPMENTAL FEATURES OF HIPPOCAMPUS IN RATS A HISTOPATHOLOGICAL AND STEREOLOGICAL ANALYSIS**
ayrancı 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
- XIX. **How should it respond to reviewers views**
KAPLAN S.
5rd Scientific Writing Workshop, 28 - 30 April 2015
- XX. **Which points are important for editors and reviewers**
KAPLAN S.
6th International Scientific Writing Workshop, Zanzibar, Tanzania, 26 - 27 March 2015
- XXI. **Requirements for success in scientific publication**
KAPLAN S.
6th International Scientific Writing Workshop, 26 - 27 March 2015
- XXII. **Effects of long term of electromagnetic field exposure on the human hippocampus.**
DENİZ Ö. G., KAPLAN S., SELÇUK M. B., TERZİ M., ALTUN G., TÜFEKÇİ K. K., ASLAN K., DAVIS D.
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- XXVIII. **Deneyisel Subaraknoid Kanama Modelinde Topikal Leptin Uygulamasının Serebral Vazospazma Etkisinin Histopatolojik ve Stereolojik Değerlendirilmesi**
Demirel c., ÇOKLUK C., AKSOY A., AYDIN K., ÖNGER M. E., KURUOĞLU E., MARANGOZ A. H., KAPLAN S.
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