

Prof. GÖKHAN AKKOYUNLU

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International Researcher IDs

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Publons / Web Of Science ResearcherID: C-4113-2016

Yoksis Researcher ID: 115621

Education Information

Doctorate, Akdeniz University, Institute of Health Sciences , Histoloji Ve Embriyoloji, Turkey 1998 - 2004

Postgraduate, Akdeniz University, Institute of Health Sciences , Histoloji Ve Embriyoloji, Turkey 1994 - 1997

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Biyoloji, Turkey 1989 - 1994

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Deney Modelinde Zona Pellucida ve Embriyonik Örtü Proteinlerinin Modifikasyonunda Transglutaminaz Aktivitesinin Rolü., Akdeniz University, Institute of Health Sciences , Histoloji Ve Embriyoloji, 2004

Postgraduate, Gebelik ve gebelik-öncesi dönemlerdeki sıçan ovaryumunda transforme edici gelişim faktörü-alfa (TGF-a), desmin, kollajen tip IV, fibronektin ve laminin dağılımı: İmmünohistokimyasal ve ışık mikroskopik bir çalışma., Akdeniz University, Institute of Health Sciences , Histoloji Ve Embriyoloji, 1997

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Histology and Embryology, Life Sciences, Animal Biology, Animal Cytology and Histology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Medicine, Histoloji Ve Embriyoloji, 2008 - Continues

Academic and Administrative Experience

Courses

Sindirim Sistemi Histolojisi ve Embriyolojisi, Postgraduate, 2013 - 2014
Deneyisel Embriyoloji, Postgraduate, 2013 - 2014
Dokuların yapısı ve histokimyasal özellikleri, Postgraduate, 2013 - 2014

Advising Theses

AKKOYUNLU G., Süperovulasyon uygulamasının DNA metiltransferaz genlerinin ekspresyonu üzerine etkisinin araştırılması, Postgraduate, F.Uysal(Student), 2015
AKKOYUNLU G., Fare ovaryumunda protein kinaz C izotiplerinin dağılımı ve folikülogenezle ilişkisi. 2009.02.0122.010., Postgraduate, F.Tepeköy(Student), 2011
AKKOYUNLU G., Fare ovaryumunda protein kinaz C izotiplerinin dağılımı ve folikülogenezle ilişkisi, Postgraduate, F.Tepeköy(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effects of MEK and PKA inhibition on Spire proteins during oocyte maturation.**
Tepekoy F., Akkoyunlu G.
Cellular and molecular biology (Noisy-le-Grand, France), vol.69, no.13, pp.45-52, 2023 (SCI-Expanded)
- II. **Interactions of Ingested Polystyrene Microplastics with Heavy Metals (Cadmium or Silver) as Environmental Pollutants: A Comprehensive In Vivo Study Using *Drosophila melanogaster***
Demir F. T., AKKOYUNLU G., Demir E.
BIOLOGY-BASEL, no.10, 2022 (SCI-Expanded)
- III. **Hazard Assessment of the Effects of Acute and Chronic Exposure to Permethrin, Copper Hydroxide, Acephate, and Validamycin Nanopesticides on the Physiology of Drosophila: Novel Insights into the Cellular Internalization and Biological Effects**
Demir E., Kansız S., Doğan M., Topel Ö., Akkoyunlu G., Kandur M. Y., Turna Demir F.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.23, no.16, pp.1-46, 2022 (SCI-Expanded)
- IV. **Pubertal high-fat diet interferes with the ovarian kisspeptin ligand and receptor expressions regulating female fertility**
DOĞAN M., KILINÇ L., SİNEN O., BÜLBÜL M., AKKOYUNLU G.
HUMAN REPRODUCTION, vol.36, pp.428-429, 2021 (SCI-Expanded)
- V. **Enteric apelin enhances the stress-induced stimulation of colonic motor functions**
BÜLBÜL M., SİNEN O., BAYRAMOĞLU O., AKKOYUNLU G.
STRESS-THE INTERNATIONAL JOURNAL ON THE BIOLOGY OF STRESS, vol.23, no.2, pp.201-212, 2020 (SCI-Expanded)
- VI. **The interaction of Wnt signaling members with growth factors in cultured granulosa cells**
Tepekoy F., AKKOYUNLU G.
ANIMAL REPRODUCTION, vol.17, no.2, 2020 (SCI-Expanded)
- VII. **The effect of GnRH antagonist cetrorelix on Wnt signaling members in pubertal and adult mouse ovaries**
Tepekoy F., Uysal F., Acar N., Üstünel İ., Akkoyunlu G.
HISTOCHEMISTRY AND CELL BIOLOGY, vol.152, no.6, pp.423-437, 2019 (SCI-Expanded)
- VIII. **Acute restraint stress induces cholecystokinin release via enteric apelin.**
Bulbua M., Sinen O., BAYRAMOĞLU O., AKKOYUNLU G.
Neuropeptides, vol.73, pp.71-77, 2019 (SCI-Expanded)
- IX. **Decreased expression of DNA methyltransferases in the testes of patients with non-obstructive azoospermia leads to changes in global DNA methylation levels**
UYSAL F., AKKOYUNLU G., ÖZTÜRK S.
REPRODUCTION FERTILITY AND DEVELOPMENT, vol.31, no.8, pp.1386-1394, 2019 (SCI-Expanded)

- X. **The Role of Enteric Neuronal Apelin in Stress-induced Gastrointestinal Dysmotility**
BÜLBÜL M., SİNEN O., ABUEİD L., AKKOYUNLU G.
ACTA PHYSIOLOGICA, vol.225, pp.47, 2018 (SCI-Expanded)
- XI. **Stress-induced Alterations in Colonic Neuronal Apelin and CRF**
AKKOYUNLU G., BÜLBÜL M., SİNEN O., ABUEİD L.
ACTA PHYSIOLOGICA, vol.225, pp.63, 2018 (SCI-Expanded)
- XII. **Central apelin administration and restraint stress induce hypothalamic cholecystokinin release via the APJ receptor**
BÜLBÜL M., SİNEN O., ABUEID L., AKKOYUNLU G., ÖZSOY Ö.
JOURNAL OF NEUROENDOCRINOLOGY, vol.30, no.9, 2018 (SCI-Expanded)
- XIII. **Apelin-APJ system is responsible for stress-induced increase in atrial natriuretic peptide expression in rat heart**
Izgit-Uysal V. N., Acar N., Birsen I., Ozcan F., Ozbey O., Soylu H., Avci S., Tepekoy F., Akkoyunlu G., Yucel G., et al.
TISSUE & CELL, vol.51, pp.91-96, 2018 (SCI-Expanded)
- XIV. **Superovulation alters DNA methyltransferase protein expression in mouse oocytes and early embryos**
Uysal F., ÖZTÜRK S., AKKOYUNLU G.
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.35, no.3, pp.503-513, 2018 (SCI-Expanded)
- XV. **DNMT1, DNMT3A and DNMT3B proteins are differently expressed in mouse oocytes and early embryos**
Uysal F., ÖZTÜRK S., AKKOYUNLU G.
JOURNAL OF MOLECULAR HISTOLOGY, vol.48, no.5-6, pp.417-426, 2017 (SCI-Expanded)
- XVI. **Apelin Contributes to Stress-induced Changes in Large Bowel Motor Functions Through CRF-independent Neuronal Paracrine Pathway**
BÜLBÜL M., Gök M., AKKOYUNLU G.
ACTA PHYSIOLOGICA, vol.221, pp.87, 2017 (SCI-Expanded)
- XVII. **DNA methyltransferases exhibit dynamic expression during spermatogenesis**
UYSAL F., AKKOYUNLU G., ÖZTÜRK S.
REPRODUCTIVE BIOMEDICINE ONLINE, vol.33, no.6, pp.690-702, 2016 (SCI-Expanded)
- XVIII. **The Protective Effect of Central Exogenous Neuropeptide-S on Parkinson's Disease**
BÜLBÜL M., SİNEN O., UYSAL V. N., ÖZSOY Ö., AKKOYUNLU G., PARLAK H., Ozkan A., BIRSEN I., Agar A.
ACTA PHYSIOLOGICA, vol.218, pp.71, 2016 (SCI-Expanded)
- XIX. **The Effect of Apelin on the Expression of Atrial Natriuretic Peptide in Cardiac Tissue**
Uysal V. N., Acar N., Birsen I., Ozcan F., Özbey Ünlü Ö., Soylu H., Avci S., Tepekoy F., Akkoyunlu G., Yucel G., et al.
ACTA PHYSIOLOGICA, vol.218, pp.26, 2016 (SCI-Expanded)
- XX. **Central Apelin Inhibits Gastric Motility via APJ Receptor-mediated Vagal Efferent Pathway**
BIRSEN I., BÜLBÜL M., SİNEN O., ÖZSOY Ö., AKKOYUNLU G., Uysal V. N. I.
ACTA PHYSIOLOGICA, vol.218, pp.24, 2016 (SCI-Expanded)
- XXI. **2100-MHz electromagnetic fields have different effects on visual evoked potentials and oxidant/antioxidant status depending on exposure duration**
Hidisoglu E., GOK D., ER H., Akpınar D., UYSAL F., AKKOYUNLU G., ÖZEN Ş., Agar A., YARGIÇOĞLU P.
Brain Research, vol.1635, pp.1-11, 2016 (SCI-Expanded)
- XXII. **The effect of FSH and activin A on Akt and MAPK1/3 phosphorylation in cultured bovine ovarian cortical strips**
TEPEKOY F., AKKOYUNLU G.
JOURNAL OF OVARIAN RESEARCH, vol.9, 2016 (SCI-Expanded)
- XXIII. **The poly(A)-binding protein genes, EPAB, PABPC1, and PABPC3 are differentially expressed in infertile men with non-obstructive azoospermia**
ÖZTÜRK S., Sozen B., UYSAL F., Bassorgun I. C., USTA M. F., AKKOYUNLU G., DEMİR N.
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.33, no.3, pp.335-348, 2016 (SCI-Expanded)
- XXIV. **Constantin von Economo (1876-1931) and his legacy to neuroscience**

- Kaya Y., UYSAL H., AKKOYUNLU G., SARIKCIOĞLU L.
 CHILDS NERVOUS SYSTEM, vol.32, no.2, pp.217-220, 2016 (SCI-Expanded)
- XXV. **Immunohistochemistry of Paraffin Sections from Mouse Ovaries.**
 Akkoyunlu G., Tepekoy F.
 Methods in molecular biology (Clifton, N.J.), vol.1457, pp.269-74, 2016 (SCI-Expanded)
- XXVI. **CD90 and CD105 expression in the mouse ovary and testis at different stages of postnatal development**
 TEPEKOY F., ÖZTÜRK S., SOZEN B., OZAY R. S., AKKOYUNLU G., DEMİR N.
 REPRODUCTIVE BIOLOGY, vol.15, no.4, pp.195-204, 2015 (SCI-Expanded)
- XXVII. **Edward Flatau (1868-1932) and his eponym**
 Kaya Y., AKKOYUNLU G., SARIKCIOĞLU L.
 CHILDS NERVOUS SYSTEM, vol.31, no.11, pp.1995-1997, 2015 (SCI-Expanded)
- XXVIII. **Dynamic expression of DNA methyltransferases (DNMTs) in oocytes and early embryos**
 UYSAL F., AKKOYUNLU G., ÖZTÜRK S.
 BIOCHIMIE, vol.116, pp.103-113, 2015 (SCI-Expanded)
- XXIX. **The role of Wnt signaling members in the uterus and embryo during pre-implantation and implantation**
 Tepekoy F., AKKOYUNLU G., Demir R.
 JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.32, no.3, pp.337-346, 2015 (SCI-Expanded)
- XXX. **Protein kinase C isoforms alpha, delta and epsilon are differentially expressed in mouse ovaries at different stages of postnatal development**
 Tepekoy F., ÜSTÜNEL İ., AKKOYUNLU G.
 JOURNAL OF OVARIAN RESEARCH, vol.7, 2014 (SCI-Expanded)
- XXXI. **Expression of nuclear factor erythroid 2-related factor 2 (Nrf2) and peroxiredoxin 6 (Prdx6) proteins in healthy and pathologic placentas of human and rat.**
 Acar N., Soylu H., Edizer I., Ozbey Ö., Er H., Akkoyunlu G., Gemici B., Üstünel İ.
 Acta histochemica, vol.116, no.8, pp.1289-300, 2014 (SCI-Expanded)
- XXXII. **Bilateral total ovarian hypoplasia in a Holstein Friesian heifer**
 AKKOYUNLU G., Tepekoy F., Bebis A., Uysal F.
 ACTA HISTOCHEMICA, vol.116, no.8, pp.1519-1521, 2014 (SCI-Expanded)
- XXXIII. **Expression of vascular endothelial growth factor and transforming growth factor alpha in rat testis during chronic renal failure**
 Seval-Celik Y., AKKOYUNLU G., Kocamaz E., KÖKSAL İ. T., Ozer S., Baykara M., Demir R.
 FOLIA HISTOCHEMICA ET CYTOBIOLOGICA, vol.52, no.4, pp.308-316, 2014 (SCI-Expanded)
- XXXIV. **The effects of docosahexaenoic acid on glial derived neurotrophic factor and neurturin in bilateral rat model of Parkinson's disease**
 TANRIÖVER G., Seval-Celik Y., Ozsoy O., AKKOYUNLU G., Savcioglu F., Hacıoglu G., DEMİR N., Agar A.
 FOLIA HISTOCHEMICA ET CYTOBIOLOGICA, vol.48, no.3, pp.434-441, 2010 (SCI-Expanded)
- XXXV. **OVARIAN FOLLICLE CULTURE SYSTEMS FOR MAMMALS**
 Albertini D. F., AKKOYUNLU G.
 GUIDE TO TECHNIQUES IN MOUSE DEVELOPMENT, PT A: MICE, EMBRYOS, AND CELLS, 2ND EDITION, vol.476, pp.107-121, 2010 (SCI-Expanded)
- XXXVI. **Report of a new case with loose anagen hair syndrome and scanning electron microscopy findings**
 Dicle O., Velipasaoglu S., Ozenci C. C., Akkoyunlu G., Demir N.
 INTERNATIONAL JOURNAL OF DERMATOLOGY, vol.47, no.9, pp.936-938, 2008 (SCI-Expanded)
- XXXVII. **The distribution of transglutaminase in the rat oocytes and embryos**
 Akkoyunlu G., Uestuenel I., Demir R.
 THERIOGENOLOGY, vol.68, no.6, pp.834-841, 2007 (SCI-Expanded)
- XXXVIII. **Immunolocalization of glial cell-derived neurotrophic factor (GDNF) and its receptor GFR-alpha 1 in varicocele-induced rat testis**
 Akkoyunlu G., ERDOĞRU T., SEVAL Y., Ustunel I., Koksall T., Usta M. F., Baykara M., Demir R.

ACTA HISTOCHEMICA, vol.109, no.2, pp.130-137, 2007 (SCI-Expanded)

XXXIX. Origin of leukocytes and their profile in follicular aspirates

AKKOYUNLU G.

HUMAN REPRODUCTION, vol.21, no.9, pp.2455, 2006 (SCI-Expanded)

XL. Increased expression of interleukin-1alpha and interleukin-1beta is associated with experimental varicocele

Şahin Z., ÜSTÜNEL İ., ÇELİK ÖZENCİ Ç., AKKOYUNLU G., KORGUN E. T., ACAR N., ERDOĞRU T., DEMİR R.

Fertil Steril, vol.85, pp.1265-1275, 2006 (SCI-Expanded)

XLI. The Fas system may have a role in male reproduction

Celik-Ozenci C., ŞAHİN Z., Ustunel I., Akkoyunlu G., ERDOĞRU T., Korgun E. T., Baykara M., Demir R.

FERTILITY AND STERILITY, vol.85, pp.1168-1178, 2006 (SCI-Expanded)

XLII. The Fas system may have a role in male reproduction

ÇELİK ÖZENCİ Ç., ŞAHİN Z., ÜSTÜNEL İ., AKKOYUNLU G., ERDOĞRU T., KORGUN E. T., BAYKARA M., DEMİR R.

Fertil Steril, vol.85, pp.1168-1178, 2006 (SCI-Expanded)

XLIII. Increased expression of interieukin-1 alpha and interleukin-1 beta is associated with experimental varicocele

Şahin Z., Celik-Ozenci C., Akkoyunlu G., Korgun E. T., Acar N., Erdoğru T., Demir R., Ustunel I.

FERTILITY AND STERILITY, vol.85, pp.1265-1275, 2006 (SCI-Expanded)

XLIV. Localization of NGF and nNOS in varicocele-induced rat testis

Celik-Ozenci C., BAYRAM Z., Akkoyunlu G., Korgun E. T., ERDOĞRU T., SEVAL Y., Ustunel I., Baykara M., Demir R.

ACTA HISTOCHEMICA, vol.107, no.6, pp.435-442, 2006 (SCI-Expanded)

XLV. Effect of experimental varicocele on the expressions of notch 1, 2, and 3 in rat testes: an immunohistochemical study

Sahin Z., Bayram Z., Celik-Ozenci C., Akkoyunlu G., Seval Y., Erdogru T., Ustunel I., Baykara M., Demir R.

FERTILITY AND STERILITY, vol.83, no.1, pp.86-94, 2005 (SCI-Expanded)

XLVI. Expression of integrin alpha 5 and integrin beta 4 and their extracellular ligands fibronectin and laminin in human decidua during early pregnancy and its sex steroid-mediated regulation

Kayisli U., Korgun E. T., Akkoyunlu G., Arici A. G., Demir R.

ACTA HISTOCHEMICA, vol.107, no.3, pp.173-185, 2005 (SCI-Expanded)

XLVII. Immunocytochemical detection of synaptophysin in enteric neurones during prenatal development in the rat stomach

Asar M., Bayram Z., Korgun E. T., Tertemiz F., Akkoyunlu G., Demir R.

ANATOMIA HISTOLOGIA EMBRYOLOGIA-JOURNAL OF VETERINARY MEDICINE SERIES C, vol.33, no.3, pp.135-140, 2004 (SCI-Expanded)

XLVIII. Expressions of VEGF and its receptors in rat corpus luteum during interferon alpha administration in early and pseudopregnancy

Celik-Ozenci C., Akkoyunlu G., Korgun E. T., Savas B., Demir R.

MOLECULAR REPRODUCTION AND DEVELOPMENT, vol.67, no.4, pp.414-423, 2004 (SCI-Expanded)

XLIX. Immunohistochemical and ultrastructural changes in the renal cortex of cadmium-treated rats

Asar M., Kayisli Ü. A., Izgut-Uysal V. N., Akkoyunlu G.

BIOLOGICAL TRACE ELEMENT RESEARCH, vol.97, no.3, pp.249-263, 2004 (SCI-Expanded)

L. Distribution patterns of matrix metalloproteinase (MMP)-2 and-9 and their inhibitors (TIMP-1 and TIMP-2) in the human decidua during early pregnancy

Seval Y., AKKOYUNLU G., Demir R., Asar M.

ACTA HISTOCHEMICA, vol.106, no.5, pp.353-362, 2004 (SCI-Expanded)

LI. The zonal distributions of alkaline phosphatase, adenosine triphosphatase, laminin, fibronectin and chondroitin 4-sulphate in growing rat humerus proximal epiphyseal cartilage: a histochemical and an immunohistochemical study

Ustunel I., ŞAHİN Z., Akkoyunlu G., Demir R.

ANATOMIA HISTOLOGIA EMBRYOLOGIA, vol.32, no.6, pp.356-361, 2003 (SCI-Expanded)

LII. Localization of vascular endothelial growth factor in the zona pellucida of developing ovarian

follicles in the rat: a possible role in destiny of follicles

Celik-Ozenci C., Akkoyunlu G., Kayışlı U. A., Arıcı A., Demir R.

HISTOCHEMISTRY AND CELL BIOLOGY, vol.120, no.5, pp.383-390, 2003 (SCI-Expanded)

LIII. The potential role of advanced glycation end product and iNOS in chronic renal failure-related testicular dysfunction - An experimental study

Koksal I., Usta M. F., Akkoyunlu G., TOPTAS B., Gulkesen K. H., Erdogru T., TUNCER M., Baykal A., ERSOY F. F., Demir R., et al.

AMERICAN JOURNAL OF NEPHROLOGY, vol.23, no.5, pp.361-368, 2003 (SCI-Expanded)

LIV. The effect of testosterone on gastrocnemius muscle fibres in growing and adult male and female rats: A histochemical, morphometric and ultrastructural study

Ustunel I., Akkoyunlu G., Demir R.

ANATOMIA HISTOLOGIA EMBRYOLOGIA, vol.32, no.2, pp.70-79, 2003 (SCI-Expanded)

LV. Fiber structure of optic nerve in cadmium-exposed diabetic rats: An ultrastructural study

Demir N., Akkoyunlu G., Yargicoglu P., Agar A., Tanrioer G., Demir R.

INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.113, no.3, pp.323-337, 2003 (SCI-Expanded)

LVI. Distribution patterns of leucocyte subpopulations expressing different cell markers in the cumulus-oocyte complexes of pregnant and pseudopregnant mice

Akkoyunlu G., Korgun E. T., Celik-Ozenci C., Seval Y., Demir R., Ustunel I.

REPRODUCTION FERTILITY AND DEVELOPMENT, vol.15, no.7, pp.389-395, 2003 (SCI-Expanded)

LVII. Distribution patterns of TGF-alpha, laminin and fibronectin and their relationship with folliculogenesis in rat ovary

Akkoyunlu G., Demir R., Ustunel I.

ACTA HISTOCHEMICA, vol.105, no.4, pp.295-301, 2003 (SCI-Expanded)

LVIII. Effect of cadmium on sciatic nerve in diabetic rats: An ultrastructural study

Demir N., Akkoyunlu G., Agar A., Yargicoglu P., Tanrioer G., Demir R.

INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.112, no.7, pp.779-796, 2002 (SCI-Expanded)

LIX. Comparing the effects of fixed-dose, step-down, and low dose step-up regimens of rFSH on endometrial receptivity in PCOS patients

Taskin O., AKKOYUNLU G., Demir R., Sadik S., Onoglu A., Wheeler J.

FERTILITY AND STERILITY, vol.76, no.3, 2001 (SCI-Expanded)

LX. Comparing the effects of tibolone and hormone replacement therapy on endometrial estrogen receptor (ER) isoforms, ER-alpha and ER-beta: placebo controlled randomized study

Taskin O., AKKOYUNLU G., Demir R., Sadik S., Onoglu A., Wheeler J.

FERTILITY AND STERILITY, vol.76, no.3, 2001 (SCI-Expanded)

Articles Published in Other Journals

I. Dnmt3a and Dnmt3b expressions decrease after cryopreservation and re-transplantation of ovarian tissue

Uysal F., ÇELİK S., ÇELİKKAN F. T., ÇELİK ÖZENCİ Ç., ÖZKAVUKÇU S., Can A., Akkoyunlu G.

Akdeniz Tıp Dergisi, vol.9, no.1, pp.82-89, 2023 (Peer-Reviewed Journal)

II. Sıçan fetüslerinde Humerus primer ossifikasyon bölgesi gelişimi : Histolojik ve histokimyasal bir çalışma

ÜSTÜNEL İ., AKKOYUNLU G., KOCAMAZ E., DEMİR R.

TURKISH JOURNAL OF BIOLOGY, no.24, pp.1-10, 2000 (Peer-Reviewed Journal)

III. Sıçan fetüslerinde Humerus primer ossifikasyon bölgesi gelişimi : Histolojik ve histokimyasal bir çalışma

ÜSTÜNEL İ., AKKOYUNLU G., DEMİR R.

Turk J Biol, no.24, pp.1-10, 2000 (Peer-Reviewed Journal)

IV. Sıçan ovaryumunda Transforme - Edici Gelişim Faktörü Alfa laminin, Fibronektin ve Desmin'in

immünohistokimyasal Dağılımı.

AKKOYUNLU G., ÜSTÜNEL İ., DEMİR R.

Turkish Journal of Biology, vol.24, no.3, pp.467-481, 2000 (Peer-Reviewed Journal)

- V. **Sıçan ovaryumunda Transforme - Edici Gelişim Faktörü Alfa laminin, Fibronektin ve Desmin'in immünohistokimyasal Dağılımı.**

ÜSTÜNEL İ., DEMİR R., AKKOYUNLU G.

Tr. J. of Biology, vol.24, no.3, pp.467-481, 2000 (Peer-Reviewed Journal)

- VI. **Effect of cadmium (Cd++) induced lipid peroxidation on peripheral nerve of diabetics rats: an ultrastructural study**

DEMİR N., Edremitlioğlu M., AĞAR A., YARGIÇOĞLU AKKİRAZ P., AKKOYUNLU G., Polat S., DEMİR R.

Tr. J. Med. Sci., vol.1, pp.95, 1995 (Peer-Reviewed Journal)

- VII. **Effect of cadmium (Cd++) on neurons of visual cortex in developing rats.**

DEMİR N., YARGIÇOĞLU AKKİRAZ P., AĞAR A., AKKOYUNLU G., Polat S., Demir R.

Tr. J. Med. Sci., vol.1, pp.96, 1995 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Molecular and cellular integrity of cultured follicles**

Albertini D. F., AKKOYUNLU G., Kim S. S.

in: Principles and Practice of Fertility Preservation, Jacques Donnez, S. Samuel Kim, Editor, Cambridge University Press, Cambridge (MA), USA , New York, pp.389-396, 2011

- II. **Spermatogenez**

ÇELİK ÖZENCİ Ç., Akkoyunlu G.

in: Histoloji ve Hücre Biyolojisi-Patolojiye Giriş,, Demir R, Editor, Palme Yayınevi, Ankara, pp.529-550, 2006

- III. **İmmünohistokimya Uygulamaları ve Örnek Protokolleri**

DEMİR R., ÜSTÜNEL İ., DEMİR N., AKKOYUNLU G., Yilmazer S., Ozturk M., KORGUN E. T.

in: Histolojik Boyama Teknikleri, Demir R., Editor, Palme Yayıncılık, Ankara, pp.285-307, 2001

Refereed Congress / Symposium Publications in Proceedings

- I. **Pubertal high-fat diet interferes with the ovarian kisspeptin ligand and receptor expressions regulating female fertility**

DOĞAN M., KILINÇ L., SİNEN O., BÜLBÜL M., AKKOYUNLU G.

37th Virtual Annual Meeting of the European Society of Human Reproduction and Embryology, Online, United Kingdom, 26 June - 01 July 2021, pp.428-429

- II. **A Comprehensive in Vivo Study Using Drosophila melanogaster: New Insights into Mechanisms and Biological Effects of Permethrin N anopesticides**

DEMİR E., KANSIZ S., DOĞAN M., TOPEL Ö., AKKOYUNLU G., KANDUR M. Y.

NANOTECH I BIOTECH FRANCE 2021 AND JOINT VIRTUAL CONFERENCES, France, 23 June 2021, pp.154

- III. **Kolonik Nöronal Apelin ve CRF'de Strese Bağlı Değişimler**

BÜLBÜL M., AKKOYUNLU G., SİNEN O., ABUEİD L.

44. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2018, pp.100

- IV. **The Role of Enteric Neuronal Apelin in Stress-induced Gastrointestinal Dysmotility**

Bülbül M., Sinen O., Abueid L., Akkoyunlu G.

44. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2018, vol.225, pp.47

- V. **Strese Bağlı Oluşan Gastrointestinal Dismotilitede Enterik Nöronal Apelinin Rolü**

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Metrics

Publication: 133
Citation (WoS): 622
Citation (Scopus): 754
H-Index (WoS): 15
H-Index (Scopus): 16