

Prof. İsmail Hakkı ULUS

Personal Information

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Education Information

Under Graduate, Ankara University, Ankara Faculty Of Medicine, Turkey 1963 - 1969

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, Eczacılık Fakültesi, Pharmaceutical Profession Sciences, 2009 - Continues

Courses

Pharmacology 3 , Under Graduate, 2019 - 2020

Farmakoloji (Podoloji için özel), Associate Degree, 2019 - 2020

Nörotransmitter Sistemleri, Doctorate, 2019 - 2020

Makro-mikro ve moleküler nöroanatomi, Doctorate, 2019 - 2020

Nörodejeneratif ve Nadir Hastalıklar, Doctorate, 2019 - 2020

Pharmacotherapy, Under Graduate, 2019 - 2020

Substance addiction and abuse, Under Graduate, 2019 - 2020

Pharmacology 2 , Under Graduate, 2019 - 2020

Diyaliz Teknikerliği Özel Farmakoloji, Associate Degree, 2019 - 2020

Pharmacology I, Under Graduate, 2019 - 2020

Ameliyathane Teknikerliği özel farmakoloji, Associate Degree, 2019 - 2020

Acil ve İlk yardım Farmakolojisi, Associate Degree, 2019 - 2020

Acil ve İlk yardım Farmakoloji, Associate Degree, 2019 - 2020

Jury Memberships

Award, Türkiye Bilimler Akademisi Asli Üye öneri jüri üyeliği, Acibadem Mehmet Ali Aydınlar University, August, 2020

Appointment Academic Staff, Appointment Academic Staff, Acibadem Mehmet Ali Aydınlar Üniversitesi, May, 2020

Award, TÜBİTAK Teşvik Ödülü aday değerlendirmesi, Acibadem Mehmet Ali Aydınlar University, April, 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Serum choline and butyrylcholinesterase changes in response to endotoxin in calves receiving intravenous choline administration**
Eralp Inan O., Tvarijonaviciute A., Kocaturk M., Rubio C., Kasap S., Cansev M., Ceron J., Yilmaz Z., ULUS İ. H.
Research in Veterinary Science, vol.125, pp.290-297, 2019 (Journal Indexed in SCI)
- II. **Proteomics Analysis of CA1 Region of the Hippocampus in Pre-, Progression and Pathological Stages in a Mouse Model of the Alzheimer's Disease**
Gurel B., Cansev M., Koc C., Ocalan B., Cakir A., Aydin S., Kahveci N., Ulus İ. H. , Sahin B., Basar M. K. , et al.
CURRENT ALZHEIMER RESEARCH, vol.16, pp.613-621, 2019 (Journal Indexed in SCI)
- III. **Early stage alterations in CA1 extracellular region proteins indicate dysregulation of IL6 and iron homeostasis in the 5XFAD Alzheimer's disease mouse model**
Gurel B., Cansev M., Sevinc C., Kelestemur S., Ocalan B., Cakir A., Aydin S., Kahveci N., Ozansoy M., Taskapilioglu O., et al.
Journal of Alzheimer's Disease, vol.61, pp.1399-1410, 2018 (Journal Indexed in SCI)
- IV. **Changes in serum proteins after endotoxin administration in healthy and choline-treated calves**
Yilmaz Z., İNAN O. E. , Kocaturk M., Baykal A. T. , Hacariz O., Hatipoglu I., Tvarijonaviciute A., Cansev M., Ceron J., Ulus İ. H.
BMC VETERINARY RESEARCH, vol.12, 2016 (Journal Indexed in SCI)
- V. **Evidence for the existence of pyrimidinergic transmission in rat brain**
CANSEV M., Orhan F., Yaylagul E. O. , Isik E., Turkyilmaz M., Aydin S., Gumus A., Sevinc C., Coskun N., ULUS İ. H. , et al.
NEUROPHARMACOLOGY, vol.91, pp.77-86, 2015 (Journal Indexed in SCI)
- VI. **Breast Milk Choline Contents Are Associated with Inflammatory Status of Breastfeeding Women**
ÖZARDA Y., CANSEV M., ULUS İ. H.
JOURNAL OF HUMAN LACTATION, vol.30, no.2, pp.161-166, 2014 (Journal Indexed in SCI)
- VII. **Relations of Human Breastmilk Choline Content with Maternal Hormonal Status**
ÖZARDA Y., CANSEV M., ULUS İ. H.
BREASTFEEDING MEDICINE, vol.9, no.1, pp.39-41, 2014 (Journal Indexed in SCI)
- VIII. **Plasma Concentrations of Isoniazid and Rifampin Are Decreased in Adult Pulmonary Tuberculosis Patients with Diabetes Mellitus**
Babalik A., ULUS İ. H. , Bakirci N., Kuyucu T., Arpag H., Dagyildizi L., Capaner E.
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.57, no.11, pp.5740-5742, 2013 (Journal Indexed in SCI)
- IX. **Pharmacokinetics and serum concentrations of antimycobacterial drugs in adult Turkish patients**
Babalik A., Ulus İ. H. , Bakirci N., Kuyucu T., Arpag H., Dagyildizi L., Carpaner E.
INTERNATIONAL JOURNAL OF TUBERCULOSIS AND LUNG DISEASE, vol.17, no.11, pp.1442-1447, 2013 (Journal Indexed in SCI)
- X. **Prevention of Epidural Fibrosis in Rats by Local or Systemic Administration of Citicoline**
Savran M., BEKAR A., CANSEV M., Tolunay S., ULUS İ. H. , Taskapilioglu M. O.
TURKISH NEUROSURGERY, vol.22, no.5, pp.634-640, 2012 (Journal Indexed in SCI)
- XI. **Intraperitoneal administration of CDP-choline or a combination of cytidine plus choline improves nerve regeneration and functional recovery in a rat model of sciatic nerve injury**
Caner B., Kafa M. I. , BEKAR A., Kurt M. A. , Karli N., CANSEV M., ULUS İ. H.
NEUROLOGICAL RESEARCH, vol.34, no.3, pp.238-245, 2012 (Journal Indexed in SCI)
- XII. **Preliminary Notes for Ethical Conduct of Animal Experimentation with Special Reference to Studies in Turkey**
Ulman Y. I. , ULUS İ. H. , ÖZPINAR A., GENÇ S. V.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.17, no.6, pp.1051-1056, 2011 (Journal Indexed in SCI)
- XIII. **CDP-choline and its endogenous metabolites, cytidine and choline, promote the nerve regeneration and improve the functional recovery of injured rat sciatic nerves**
Aslan E., KOCAELİ H., BEKAR A., TOLUNAY Ş., ULUS İ. H.
NEUROLOGICAL RESEARCH, vol.33, no.7, pp.766-773, 2011 (Journal Indexed in SCI)
- XIV. **Choline or CDP-choline attenuates coagulation abnormalities and prevents the development of acute**

disseminated intravascular coagulation in dogs during endotoxemia

YILMAZ Z., ÖZARDA Y., CANSEV M., Eralp O., KOCATÜRK ÖCAL M., ULUS İ. H.

BLOOD COAGULATION & FIBRINOLYSIS, vol.21, no.4, pp.339-348, 2010 (Journal Indexed in SCI)

- XV. **Choline or CDP-choline alters serum lipid responses to endotoxin in dogs and rats: Involvement of the peripheral nicotinic acetylcholine receptors**
Ilcol Y. O. , Yilmaz Z., Cansev M., Ulus İ. H.
Shock, vol.32, no.3, pp.286-294, 2009 (Journal Indexed in SCI)
- XVI. **Administration of docosahexaenoic acid, uridine and choline increases levels of synaptic membranes and dendritic spines in rodent brain**
Wurtman R. J. , Cansev M., Sakamoto T., Ulus İ. H.
World Review of Nutrition and Dietetics, vol.99, pp.71-96, 2009 (Journal Indexed in SCI Expanded)
- XVII. **Use of phosphatide precursors to promote synaptogenesis**
Wurtman R. J. , Cansev M., Sakamoto T., Ulus İ. H.
Annual Review of Nutrition, vol.29, pp.59-87, 2009 (Journal Indexed in SCI)
- XVIII. **Giving uridine and/or docosahexaenoic acid orally to rat dams during gestation and nursing increases synaptic elements in brains of weanling pups**
Cansev M., Marzloff G., Sakamoto T., Ulus İ. H. , Wurtman R. J.
Developmental Neuroscience, vol.31, no.3, pp.181-192, 2009 (Journal Indexed in SCI)
- XIX. **Synapse formation is enhanced by oral administration of uridine and DHA, the circulating precursors of brain phosphatides**
Wurtman R. J. , Cansev M., Ulus İ. H.
Journal of Nutrition, Health and Aging, vol.13, no.3, pp.189-197, 2009 (Journal Indexed in SCI)
- XX. **Restorative effects of uridine plus docosahexaenoic acid in a rat model of Parkinson's disease**
Cansev M., Ulus İ. H. , Wang L., Maher T. J. , Wurtman R. J.
Neuroscience Research, vol.62, no.3, pp.206-209, 2008 (Journal Indexed in SCI)
- XXI. **Central choline suppresses plasma renin response to graded haemorrhage in rats**
Isbil-Buyukcoskun N., Ilcol Y. O. , Cansev M., Hamurtekin E., Ozluk K., Ulus İ. H.
Clinical and Experimental Pharmacology and Physiology, vol.35, no.9, pp.1023-1031, 2008 (Journal Indexed in SCI)
- XXII. **Choline, CDP-choline or phosphocholine increases plasma glucagon in rats: Involvement of the peripheral autonomic nervous system**
Cansev M., Ilcol Y. O. , Yilmaz M. S. , Hamurtekin E., Ulus İ. H.
European Journal of Pharmacology, vol.589, pp.315-322, 2008 (Journal Indexed in SCI)
- XXIII. **Endotoxin increases plasma leptin and ghrelin levels in dogs**
Yilmaz Z., Ilcol Y. O. , Ulus İ. H.
Critical Care Medicine, vol.36, no.3, pp.828-833, 2008 (Journal Indexed in SCI)
- XXIV. **Peripheral administration of CDP-choline and its cholinergic metabolites increases serum insulin: Muscarinic and nicotinic acetylcholine receptors are both involved in their actions**
Ilcol Y. O. , Cansev M., Yilmaz M. S. , Hamurtekin E., Ulus İ. H.
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- XXV. **Oral administration of circulating precursors for membrane phosphatides can promote the synthesis of new brain synapses**
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Alzheimer's and Dementia, vol.4, 2008 (Journal Indexed in SCI)
- XXVI. **Cardiovascular effects of CDP-choline and its metabolites: Involvement of peripheral autonomic nervous system**
Cansev M., Yilmaz M. S. , Ilcol Y. O. , Hamurtekin E., Ulus İ. H.
European Journal of Pharmacology, vol.577, pp.129-142, 2007 (Journal Indexed in SCI)
- XXVII. **Citicoline improves functional recovery, promotes nerve regeneration, and reduces postoperative scarring after peripheral nerve surgery in rats**
Özay R., Bekar A., Kocaeli H., Karli N., Filiz G., Ulus İ. H.
Surgical Neurology, vol.68, no.6, pp.615-622, 2007 (Journal Indexed in SCI)

- XXVIII. **Intraperitoneal administration of CDP-choline and its cholinergic and pyrimidinerbic metabolites induce hyperglycemia in rats: Involvement of the sympathoadrenal system**
Ilcol Y., Cansev M., Yilmaz M., Hamurtekin E., Ulus İ. H.
Archives of Physiology and Biochemistry, vol.113, pp.186-201, 2007 (Journal Indexed in SCI Expanded)
- XXIX. **Frequency of mutated allele CYP2D6*4 in the Turkish population**
Koseler A., Ilcol Y. O., Ulus İ. H.
Pharmacology, vol.79, no.4, pp.203-206, 2007 (Journal Indexed in SCI)
- XXX. **Cytidine and uridine increase striatal CDP-choline levels without decreasing acetylcholine synthesis or release**
Ulus İ. H., Watkins C. J., Cansev M., Wurtman R. J.
Cellular and Molecular Neurobiology, vol.26, pp.563-577, 2006 (Journal Indexed in SCI)
- XXXI. **Synaptic proteins and phospholipids are increased in gerbil brain by administering uridine plus docosahexaenoic acid orally**
Wurtman R. J., Ulus İ. H., Cansev M., Watkins C. J., Wang L., Marzloff G.
Brain Research, vol.1088, no.1, pp.83-92, 2006 (Journal Indexed in SCI)
- XXXII. **Elevation of serum cerebral injury markers correlates with serum choline decline after coronary artery bypass grafting surgery**
Ilcol Y. O., Basagan-Mogol E., Cengiz M., Ulus İ. H.
Clinical Chemistry and Laboratory Medicine, vol.44, no.4, pp.471-478, 2006 (Journal Indexed in SCI)
- XXXIII. **Intravenous administration of choline or CDP-choline improves platelet count and platelet closure times in endotoxin-treated dogs**
Yilmaz Z., Ilcol Y. O., Torun S., Ulus İ. H.
Shock, vol.25, no.1, pp.73-79, 2006 (Journal Indexed in SCI)
- XXXIV. **Endotoxin alters serum-free choline and phospholipid-bound choline concentrations, and choline administration attenuates endotoxin-induced organ injury in dogs**
Ilcol Y. O., Yilmaz Z., Ulus İ. H.
Shock, vol.24, no.3, pp.288-293, 2005 (Journal Indexed in SCI)
- XXXV. **Choline status in newborns, infants, children, breast-feeding women, breast-fed infants and human breast milk**
Ilcol Y. O., Ozbek R., Hamurtekin E., Ulus İ. H.
Journal of Nutritional Biochemistry, vol.16, no.8, pp.489-499, 2005 (Journal Indexed in SCI)
- XXXVI. **Investigation of diagnostic importance of platelet closure times measured by Platelet Function Analyzer - PFA 100 in dogs with endotoxemia**
Yilmaz Z., Ilcol Y. O., Ulus İ. H.
Berliner und Munchener Tierarztliche Wochenschrift, vol.118, pp.341-348, 2005 (Journal Indexed in SCI)
- XXXVII. **Vitamin A deficiency in patients with common variable immunodeficiency**
Kilic S. S., Kezer E. Y., Ilcol Y. O., Yakut T., Aydin S., Ulus İ. H.
Journal of Clinical Immunology, vol.25, no.3, pp.275-280, 2005 (Journal Indexed in SCI)
- XXXVIII. **Declines in serum free and bound choline concentrations in humans after three different types of major surgery**
Ilcol Y. O., Uncu G., Goren S., Sayan E., Ulus İ. H.
Clinical Chemistry and Laboratory Medicine, vol.42, no.12, pp.1390-1395, 2004 (Journal Indexed in SCI)
- XXXIX. **Centrally injected CDP-choline increases plasma vasopressin levels by central cholinergic activation**
Cavun S., Savci V., Ulus İ. H.
Fundamental and Clinical Pharmacology, vol.18, no.1, pp.71-77, 2004 (Journal Indexed in SCI)
- XL. **Choline potentiates the pressor response evoked by glycyl-glutamine or naloxone in haemorrhaged rats**
Gürün M. S., Millington W. R., Ulus İ. H.
Clinical and Experimental Pharmacology and Physiology, vol.30, no.9, pp.640-642, 2003 (Journal Indexed in SCI)
- XLI. **Intravenously injected CDP-choline increases blood pressure and reverses hypotension in haemorrhagic shock: Effect is mediated by central cholinergic activation**

- Savci V., Goktalay G., Cansev M., Cavun S., Yilmaz M. S., Ulus İ. H.
European Journal of Pharmacology, vol.468, no.2, pp.129-139, 2003 (Journal Indexed in SCI)
- XLII. **Stimulation of CDP-choline synthesis by uridine or cytidine in PC12 rat pheochromocytoma cells**
Richardson U. I., Watkins C. J., Pierre C., Ulus İ. H., Wurtman R. J.
Brain Research, vol.971, no.2, pp.161-167, 2003 (Journal Indexed in SCI)
- XLIII. **Serum free and phospholipid-bound choline decrease after surgery and methylprednisolone administration in dogs**
Ilcol Y. O., Yilmaz Z., Ulus İ. H.
Neuroscience Letters, vol.339, no.3, pp.195-198, 2003 (Journal Indexed in SCI)
- XLIV. **Choline increases serum insulin in rat when injected intraperitoneally and augments basal and stimulated acetylcholine release from the rat minced pancreas in vitro**
Ilcol Y. O., Gurun M. S., Taga Y., Ulus İ. H.
European Journal of Biochemistry, vol.270, no.5, pp.991-999, 2003 (Journal Indexed in SCI)
- XLV. **Free and phospholipid-bound choline concentrations in serum during pregnancy, after delivery and in newborns**
Ozarda Ilcol Y., Uncu G., Ulus İ. H.
Archives of Physiology and Biochemistry, vol.110, no.5, pp.393-399, 2002 (Journal Indexed in SCI Expanded)
- XLVI. **Free choline and phospholipid-bound choline concentrations in serum and dialysate during peritoneal dialysis in children and adults**
Ilcol Y. O., Dönmez O., Yavuz M., Dilek K., Yurtkuran M., Ulus İ. H.
Clinical Biochemistry, vol.35, no.4, pp.307-313, 2002 (Journal Indexed in SCI)
- XLVII. **Intraperitoneal administration of choline increases serum glucose in rat: Involvement of the sympathoadrenal system**
Ilcol Y., Gurun M., Taga Y., Ulus İ. H.
Hormone and Metabolic Research, vol.34, no.6, pp.341-347, 2002 (Journal Indexed in SCI)
- XLVIII. **Intracerebroventricular choline increases plasma vasopressin and augments plasma vasopressin response to osmotic stimulation and hemorrhage**
Savci V., Goktalay G., Ulus İ. H.
Brain Research, vol.942, pp.58-70, 2002 (Journal Indexed in SCI)
- XLIX. **Changes of plasma free choline and choline-containing compounds' concentrations and choline loss during hemodialysis in ESRD patients**
Ilcol Y. O., Dilek K., Yurtkuran M., Ulus İ. H.
Clinical Biochemistry, vol.35, no.3, pp.233-239, 2002 (Journal Indexed in SCI)
- L. **Cardiovascular effects of intracerebroventricularly injected CDP-choline in normotensive and hypotensive animals: The involvement of cholinergic system**
Savci V., Cavun S., Goktalay G., Ulus İ. H.
Naunyn-Schmiedeberg's Archives of Pharmacology, vol.365, no.5, pp.388-398, 2002 (Journal Indexed in SCI)
- LI. **The decline in serum choline concentration in humans during and after surgery is associated with the elevation of cortisol, adrenocorticotrophic hormone, prolactin and beta-endorphin concentrations**
Ilcol Y., Ozyurt G., Kilicurgay S., Uncu G., Ulus İ. H.
NEUROSCIENCE LETTERS, vol.324, no.1, pp.41-44, 2002 (Journal Indexed in SCI)
- LII. **The decline in serum choline concentration in humans during and after surgery is associated with the elevation of cortisol, adrenocorticotrophic hormone, prolactin and β -endorphin concentrations**
Ozarda İçöl Y., Özyurt G., Klcturgay S., Uncu G., Ulus İ. H.
Neuroscience Letters, vol.324, no.1, pp.41-44, 2002 (Journal Indexed in SCI Expanded)
- LIII. **Hyperglycemia induced by intracerebroventricular choline: Involvement of the sympatho-adrenal system**
Gürün M., Ilcol Y. O., Taga Y., Ulus İ. H.
European Journal of Pharmacology, vol.438, no.3, pp.197-205, 2002 (Journal Indexed in SCI)
- LIV. **Central injection of captopril inhibits the blood pressure response to intracerebroventricular choline.**

Isbil-Buyukcoskun N., Gulec G., Ozluk K., Ulus İ. H.

Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas, vol.34, pp.815-20, 2001 (Journal Indexed in SCI)

- LV. Reversal of haemorrhagic shock in rats by tetrahydroaminoacridine**
Savci V., Çavun S., Gürün M. S. , Ulus İ. H.
Pharmacology, vol.62, no.1, pp.36-44, 2001 (Journal Indexed in SCI)
- LVI. Effect of oral CDP-choline on plasma choline and uridine levels in humans**
Wurtman R. J. , Regan M., Ulus İ. H. , Yu L.
Biochemical Pharmacology, vol.60, no.7, pp.989-992, 2000 (Journal Indexed in SCI)
- LVII. Evaluation of urine specific gravity assay on IRIS 500.**
Icol Y., Ulus İ. H.
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- LVIII. Comparison of digoxin assays on Vitros and Cobas.**
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CLINICAL CHEMISTRY, vol.46, no.6, 2000 (Journal Indexed in SCI)
- LIX. Characterization of phentermine and related compounds as monoamine oxidase (mao) inhibitors**
Ulus İ. H. , Maher T. J. , Wurtman R. J.
Biochemical Pharmacology, vol.59, no.12, pp.1611-1621, 2000 (Journal Indexed in SCI)
- LX. Evaluation of carbamazepin assay on Vitros 950.**
Icol Y., Ulus İ. H.
CLINICAL CHEMISTRY, vol.46, no.6, 2000 (Journal Indexed in SCI)
- LXI. Effects of fetal septal grafts on memory and learning performance with hippocampal acetylcholine and choline metabolism in fimbria transected rats**
Ipekoğlu S., Büyükuysal L., Ulus İ. H. , Korfali E.
Journal of Neural Transmission, vol.107, no.2, pp.191-202, 2000 (Journal Indexed in SCI)
- LXII. Does phentermine inhibit monoamine oxidase? (multiple letters) [4]**
Rothman R., Maher T., Ulus İ. H. , Wurtman R.
Lancet, vol.353, no.9161, pp.1362-1363, 1999 (Journal Indexed in SCI Expanded)
- LXIII. Does phentermine inhibit monoamine oxidase? Reply**
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- LXIV. Phentermine and other monoamine-oxidase inhibitors may increase plasma serotonin when given with fenfluramines**
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Lancet, vol.353, no.9146, pp.38, 1999 (Journal Indexed in SCI)
- LXV. The effects of choline on body temperature in conscious rats**
Unal C. B. , Demiral Y., Ulus İ. H.
European Journal of Pharmacology, vol.363, pp.121-126, 1998 (Journal Indexed in SCI)
- LXVI. Age-related alterations in pre-synaptic and receptor-mediated cholinergic functions in rat brain**
Büyükuysal R. L. , Ulus İ. H. , Kiran B. K.
Neurochemical Research, vol.23, no.5, pp.719-726, 1998 (Journal Indexed in SCI)
- LXVII. Choline administration reverses hypotension in spinal cord transected rats: The involvement of vasopressin**
Savci V., Ulus İ. H.
Neurochemical Research, vol.23, no.5, pp.733-741, 1998 (Journal Indexed in SCI)
- LXVIII. Decreased serum choline concentrations in humans after surgery, childbirth, and traumatic head injury**
Ulus İ. H. , Özyurt G., Korfali E.
Neurochemical Research, vol.23, no.5, pp.727-732, 1998 (Journal Indexed in SCI)
- LXIX. Cardiovascular effects of centrally injected tetrahydroaminoacridine in conscious normotensive rats**
Savci V., Gürün M. S. , Çavun S., Ulus İ. H.

- European Journal of Pharmacology, vol.346, no.1, pp.35-41, 1998 (Journal Indexed in SCI)
- LXX. **Cardiovascular effects of central choline during endotoxin shock in the rat**
Savci V., Ulus İ. H.
Journal of Cardiovascular Pharmacology, vol.30, no.5, pp.667-675, 1997 (Journal Indexed in SCI)
- LXXI. **Centrally administered choline increases plasma prolactin levels in conscious rats**
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Neuroscience Letters, vol.232, no.2, pp.79-82, 1997 (Journal Indexed in SCI)
- LXXII. **Metabotropic glutamate receptor agonists increase release of soluble amyloid precursor protein derivatives from rat brain cortical and hippocampal slices**
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Journal of Pharmacology and Experimental Therapeutics, vol.281, no.1, pp.149-154, 1997 (Journal Indexed in SCI)
- LXXIII. **Intracerebroventricular choline reverses hypotension induced by acute chemical sympathectomy**
Gürün M., Savci V., Ulus İ. H.
Journal of Autonomic Pharmacology, vol.17, no.3, pp.155-163, 1997 (Journal Indexed in SCI)
- LXXIV. **Central choline reverses hypotension caused by α -adrenoceptor or ganglion blockade in rats: The role of vasopressin**
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European Journal of Pharmacology, vol.311, pp.153-161, 1996 (Journal Indexed in SCI)
- LXXV. **Effect of intracerebroventricularly injected choline on plasma ACTH and β -endorphin levels in conscious rats**
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- LXXVI. **Intracerebroventricular injection of choline increases plasma oxytocin levels in conscious rats**
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- LXXVII. **RESTORATION OF BLOOD-PRESSURE BY CHOLINE TREATMENT IN RATS MADE HYPOTENSIVE BY HEMORRHAGE**
ULUS İ. H. , ARSLAN B., SAVCI V., KIRAN B.
BRITISH JOURNAL OF PHARMACOLOGY, vol.116, no.2, pp.1911-1917, 1995 (Journal Indexed in SCI)
- LXXVIII. **3,4-Diaminopyridine and choline increase in vivo acetylcholine release in rat striatum**
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- LXXIX. **Effect of choline on the changes related to blood pressure induced by intermittent hemorrhage in rats**
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- LXXX. **The effect of balneotherapy on the plasma- β -endorphine (BE) level in patients with osteoarthritis**
Yurtkuran M., Ulus İ. H. , Irdesel F.
Physikalische Medizin Rehabilitationsmedizin Kurortmedizin, vol.3, no.5, pp.130-132, 1993 (Journal Indexed in SCI Expanded)
- LXXXI. **N-methyl-D-aspartate increases acetylcholine release from rat striatum and cortex: Its effect is augmented by choline**
Ulus İ. H. , Buyukuysal R., Wurtman R.
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- LXXXII. **Caffeine potentiates the enhancement by choline of striatal acetylcholine release**
Johnson D. A. , Ulus İ. H. , Wurtman R. J.
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- LXXXIII. **Release of vasopressin, cortisol and β - endorphin in tetraplegic subjects in response to head-up tilt**
Özcan O., Ulus İ. H. , Yurtkuran M., Karakaya M.
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- LXXXIV. **Effects of intracerebroventricular injected choline on cardiovascular functions and sympathoadrenal activity**
Yener Arslan B., Ulus İ. H. , Savci V., Kiran B. K.
Journal of Cardiovascular Pharmacology, vol.17, no.5, pp.814-821, 1991 (Journal Indexed in SCI)
- LXXXV. **Choline increases acetylcholine release and protects against the stimulation-induced decrease in phosphatide levels within membranes of rat corpus striatum**
Ulus İ. H. , Wurtman R. J. , Mauron C., Blusztajn J. K.
Brain Research, vol.484, pp.217-227, 1989 (Journal Indexed in SCI)
- LXXXVI. **Fetal substantia nigra grafts. Effect on dopamine receptors in the rat corpus striatum**
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