

# Prof. KADİR BATÇIOĞLU

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 7517

## Education Information

Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YL) Tezli, Turkey 2017 - 2019

Undergraduate, Firat University, Faculty Of Veterinary Medicine, Turkey 2014 - 2019

Associate Degree, Anadolu University, Forensic Vocational School, Department Of Law, Turkey 2015 - 2017

Doctorate, Inonu University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya (Dr), Turkey 1999 - 2002

Postgraduate, Firat University, Institute Of Science, Biyokimya (YL) (Tezli), Turkey 1997 - 1999

Undergraduate, Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1989 - 1995

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry, Pharmacology and Therapeutics, Basic Pharmaceutics Sciences, Biochemistry

## Academic Titles / Tasks

Professor, Inonu University, Eczacılık Fakültesi, 2011 - Continues

Associate Professor, Inonu University, Eczacılık Fakültesi, 2006 - 2011

Assistant Professor, Inonu University, Eczacılık Fakültesi, 2002 - 2006

## Academic and Administrative Experience

Dean, Inonu University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2021 - Continues

Inonu University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2003 - Continues

Head of Department, Inonu University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2006 - 2018

Inonu University, Eczacılık Fakültesi, 2013 - 2016

## Courses

BİYOKİMYA I-II, Undergraduate Minor, 2019-2020  
KARBONHİDRATLAR VE METABOLİZMASI, Undergraduate Double Major, 2019-2020  
SERBEST RADİKALLER VE ANTİOKSİDANLAR, Undergraduate, 2019-2020  
NÜKLEİK ASİTLER VE METABOLİZMASI, Undergraduate Double Major, 2019-2020  
KLİNİK BİYOKİMYA, Undergraduate, 2019-2020  
LİPİDLER VE METABOLİZMASI, Undergraduate Double Major, 2019-2020  
BİYOKİMYA LABORATUVARI, Undergraduate, 2019-2020  
BİYOKİMYA I-II, Undergraduate, 2019-2020  
PROTEİNLER VE METABOLİZMASI, Undergraduate Double Major, 2019-2020  
KLİNİK BİYOKİMYA, Undergraduate Minor, 2019-2020  
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Biyokimya I-II, Undergraduate Minor, 2015-2016  
NÜKLEİK ASİTLER VE METABOLİZMASI, Undergraduate Double Major, 2015-2016  
Klinik Biyokimya, Undergraduate, 2015-2016  
Serbest Radikaller ve Antioksidanlar, Undergraduate Double Major, 2015-2016  
LİPİDLER VE METABOLİZMASI, Undergraduate Double Major, 2015-2016  
Hormonlar, Undergraduate Double Major, 2015-2016  
BİYOKİMYA I-II, Undergraduate, 2015-2016  
SERBEST RADİKALLER VE ANTİOKSİDANLAR, Undergraduate, 2015-2016  
Proteinler ve Metabolizması, Undergraduate Double Major, 2015-2016  
KLİNİK BİYOKİMYA, Undergraduate, 2015-2016  
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BİYOKİMYA LABORATUVARI, Undergraduate, 2015-2016  
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KLİNİK BİYOKİMYA, Undergraduate, 2003-2004  
BİYOKİMYA I-II, Undergraduate, 2003-2004

## Advising Theses

BATÇIOĞLU K., Ratlarda cerulein ile indüklenen akut pankreatit üzerine verapamil, dantrolen ve 2-aminoetoksidifenil borat'ın etkilerinin incelenmesi, Doctorate, A.BURÇİN(Student), 2011

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Protective effect of Lycium barbarum on renal injury induced by acute pancreatitis in rats**  
Dogan T., BATÇIOĞLU K., Kustepe E. K., UYUMLU A. B., YILMAZTEKİN Y.  
PHARMACOGNOSY MAGAZINE, vol.18, no.77, pp.152-159, 2022 (SCI-Expanded)
- II. **Comparison of the protective effects of selective endothelin-a receptor antagonist, ambrisentan, and dual endothelin-A/B receptor antagonist, bosentan, in experimental renal ischemia reperfusion injury**  
Kazimoglu H., Uysal E., Dokur M., Gurer A. O., BATÇIOĞLU K., Uyumlu B. A., Petekkaya E., Karadag M.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.121, no.8, pp.547-553, 2020 (SCI-Expanded)
- III. **Neuroprotective effects of the new Na channel blocker rs100642 in global ischemic brain injury**  
KAMIŞLI S., BASARAN C., BATÇIOĞLU K., ÖZTANIR M. N., GÜL M., SATILMIŞ B., UYUMLU A. B., KAYHAN B., GENÇ M.  
ARCHIVES OF MEDICAL SCIENCE, vol.15, no.2, pp.467-474, 2019 (SCI-Expanded)
- IV. **Effects of Calcium Channel Blockers on Trypsinogen Activation and Severity of Cerulein-induced Acute Pancreatitis in Rats**  
UYUMLU A. B., SATILMIŞ B., BATÇIOĞLU K., KARADAG N., GENÇ M. F.  
INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.80, no.3, pp.496-502, 2018 (SCI-Expanded)
- V. **Investigation of the Effect of Milrinone on Renal Damage in an Experimental Non-Heart Beating Donor Model**  
Uysal E., Dokur M., Altinay S., Saygili E. I., BATÇIOĞLU K., Ceylan M. S., Kazimoglu H., Uyumlu B. A., Karadag M.  
JOURNAL OF INVESTIGATIVE SURGERY, vol.31, no.5, pp.402-411, 2018 (SCI-Expanded)
- VI. **Hepatic Arginase - Nitric oxide imbalance: Impact of carcinogenesis and therapeutic effect of sodium channel blockage in an in vivo rat model**  
BATÇIOĞLU K., Yildirim B., SATILMIŞ B., UYUMLU A. B., GENÇ M. F., BENTLİ R., Djamgoz M. B. A.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKİMYA DERGISI, vol.41, no.4, pp.275-279, 2016 (SCI-Expanded)
- VII. **Testosterone levels of children with a diagnosis of developmental stuttering**  
SELÇUK E. B., Erbay L. G., OZCAN O. O., KARTALCI Ş., BATÇIOĞLU K.  
THERAPEUTICS AND CLINICAL RISK MANAGEMENT, vol.11, pp.793-798, 2015 (SCI-Expanded)
- VIII. **Antioxidant and antimicrobial activities and phenolic compounds of selected Inula species from Turkey**  
GÖKBULUT A., ÖZHAN O., SATILMIŞ B., BATÇIOĞLU K., GÜNAL S., ŞARER E.

NATURAL PRODUCT COMMUNICATIONS, vol.8, no.4, pp.475-478, 2013 (SCI-Expanded)

- IX. **Antioxidant and Antimicrobial Activities, and Phenolic Compounds of Selected Inula species from Turkey**  
GÖKBULUT A., Ozhan O., SATILMIŞ B., BATÇIOĞLU K., GÜNAL S., ŞARER E.  
NATURAL PRODUCT COMMUNICATIONS, vol.8, no.4, pp.475-478, 2013 (SCI-Expanded)
- X. **Evaluation of the Effects of Novel Nafimidone Derivatives on Thermal Hypoalgesia in Mice with Diabetic Neuropathy**  
KAMIŞLI S., KARAKURT A., UYUMLU A. B., SATILMIŞ B., Alagoz A., GENÇ M. F., BATÇIOĞLU K.  
BALKAN MEDICAL JOURNAL, vol.30, no.1, pp.94-98, 2013 (SCI-Expanded)
- XI. **Oxidative Stress in the in vivo DMBA Rat Model of Breast Cancer: Suppression by a Voltage-gated Sodium Channel Inhibitor (RS100642)**  
BATÇIOĞLU K., UYUMLU A. B., SATILMIŞ B., Yildirim B., YÜCEL N., Demirtas H., Onkal R., Guzel R. M., Djamgoz M. B. A.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.111, no.2, pp.137-141, 2012 (SCI-Expanded)
- XII. **Investigation of in vivo radioprotective and in vitro antioxidant and antimicrobial activity of garlic (Allium Sativum)**  
BATÇIOĞLU K., YILMAZ Z., SATILMIŞ B., UYUMLU A. B., ERKAL H. S., YÜCEL N., GÜNAL S., SERIN M., DEMIRTAS H.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.16, pp.47-57, 2012 (SCI-Expanded)
- XIII. **Antioxidant activity and luteolin content of Marchantia polymorpha L**  
GÖKBULUT A., SATILMIŞ B., BATÇIOĞLU K., Cetin B., ŞARER E.  
TURKISH JOURNAL OF BIOLOGY, vol.36, no.4, pp.381-385, 2012 (SCI-Expanded)
- XIV. **Investigation of a weak magnetic field effect on the in vitro catalytic activity of adenosine deaminase and xanthine oxidase**  
BATÇIOĞLU K., Dogan M., UYUMLU A. B., SATILMIŞ B., BAYRİ N., ATALAY S., Demirtas H.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.30, no.4, pp.410-414, 2011 (SCI-Expanded)
- XV. **The Skin and Plasma Antioxidant Enzyme Activities in Patients With Vitiligo**  
BATÇIOĞLU K., Hazneci E., Ozturk C., Karabulut A. B., Karadag N.  
TRAKYA UNIVERSITESI TIP FAKULTESI DERGISI, vol.27, no.4, pp.354-357, 2010 (SCI-Expanded)
- XVI. **Hypovolemia-related gastric tissue damage in the setting of upper gastrointestinal bleeding.**  
KARINCAOĞLU M., Seckin Y., Ates F., Harputluoglu M. M. M., BATÇIOĞLU K., Yigit I. P., Oner R. I., Hilmioğlu F.  
The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology, vol.21, no.1, pp.17-22, 2010 (SCI-Expanded)
- XVII. **Evaluation of protective effects of verapamil against lens epithelial tissue injury induced by irradiation in rats Ratlarda Radyasyonla indüklenen Lens Epitel Doku Hasarına Karşı Verapamil'in Koruyucu Etkilerinin Değerlendirilmesi**  
BATÇIOĞLU K., ERKAL H. S., SERIN M., UYUMLU A. B., YÜCEL N., YILDIRIM B., SATILMIŞ B.  
Turkish Journal of Pharmaceutical Sciences, vol.7, no.3, pp.267-272, 2010 (SCI-Expanded)
- XVIII. **Liver lipid peroxidation and antioxidant capacity in cerulein-induced acute pancreatitis**  
BATÇIOĞLU K., GÜL M., UYUMLU A. B., ESREFOĞLU M.  
BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH, vol.42, no.9, pp.776-782, 2009 (SCI-Expanded)
- XIX. **Evaluation of Oxidant Injury Induced by Irradiation in Brain Tissues of Rats of Different Ages**  
UYUMLU A. B., ERKAL H. S., BATÇIOĞLU K., SERIN M., YÜCEL N.  
TRAKYA UNIVERSITESI TIP FAKULTESI DERGISI, vol.26, no.3, pp.237-243, 2009 (SCI-Expanded)
- XX. **Gastric tissue oxidative changes in portal hypertension and cirrhosis.**  
Seckin Y., HARPUTLUOĞLU M. M. M., Batcioglu K., Karincaoglu M., YILDIRIM B., ONER R. I., Uyumlu B., AYDOĞDU N., HILMIOĞLU F.  
Digestive diseases and sciences, vol.52, no.5, pp.1154-8, 2007 (SCI-Expanded)
- XXI. **The effects of granulocyte colony-stimulating factor on the healing of tracheal anastomosis following radiation therapy in rats**  
Kuzucu A., Erkal H. S., Kirimlioglu H., Batcioglu K., Yucel N., Serin M.  
EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, vol.30, no.6, pp.840-845, 2006 (SCI-Expanded)

- XXII. **The evaluation of the oxidant injury as a function of time following brain irradiation in a rat model**  
ERKAL H. S., Batcioglu K., SERIN M., Uyumlu B., Yucel N.  
NEUROCHEMICAL RESEARCH, vol.31, no.10, pp.1271-1277, 2006 (SCI-Expanded)
- XXIII. **The effect of melatonin on 7,12-dimethyl-benz[a]anthracene injury in comparison with vitamin E plus selenium in mouse kidneys**  
OZTURK F., OZTURK I. C., Batcioglu K., Vardi N.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.20, no.4, pp.359-364, 2006 (SCI-Expanded)
- XXIV. **Serum substance P and calcitonin gene-related peptide levels in Behcet's disease and their association with disease activity**  
Aki T., Karıncaoglu Y., Seyhan M., Batcioglu K.  
CLINICAL AND EXPERIMENTAL DERMATOLOGY, vol.31, no.4, pp.583-587, 2006 (SCI-Expanded)
- XXV. **Antioxidative effect of melatonin, ascorbic acid and N-acetylcysteine on caerulein-induced pancreatitis and associated liver injury in rats**  
Esrefoglu M., Gul M., Ates B., Batcioglu K., Selimoglu M. A.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.12, no.2, pp.259-264, 2006 (SCI-Expanded)
- XXVI. **Lipid peroxidation and antioxidant status in stomach cancer**  
BATCIOGLU K., MEHMET N., OZTURK I., YILMAZ M., AYDOGDU N., ERGUVAN R., Uyumlu B., GENÇ M., KARAGOZLER A.  
CANCER INVESTIGATION, vol.24, no.1, pp.18-21, 2006 (SCI-Expanded)
- XXVII. **Potent therapeutic effect of melatonin on aging skin in pinealectomized rats**  
ESREFOGLU M., SEYHAN M., GUL M., PARLAKPINAR H., BATCIOGLU K., Uyumlu B.  
JOURNAL OF PINEAL RESEARCH, vol.39, no.3, pp.231-237, 2005 (SCI-Expanded)
- XXVIII. **A comparative study of superoxide dismutase, catalase, and glutathione peroxidase activities and nitrate levels in vitiligo patients**  
Hazneci E., Karabulut A., Ozturk C., Batcioglu K., Dogan G., Karaca S., Esrefoglu M.  
INTERNATIONAL JOURNAL OF DERMATOLOGY, vol.44, no.8, pp.636-640, 2005 (SCI-Expanded)
- XXIX. **The levels of plasma and salivary antioxidants in the patient with recurrent aphthous stomatitis**  
Karıncaoglu Y., Batcioglu K., Erdem T., Esrefoglu M., Genc M.  
JOURNAL OF ORAL PATHOLOGY & MEDICINE, vol.34, no.1, pp.7-12, 2005 (SCI-Expanded)
- XXX. **Effect of combined treatment with melatonin and methylprednisolone on neurological recovery after experimental spinal cord injury**  
Cayli S., Kocak A., Yilmaz U., Tekiner A., Erbil M., Ozturk C., Batcioglu K., Yologlu S.  
EUROPEAN SPINE JOURNAL, vol.13, no.8, pp.724-732, 2004 (SCI-Expanded)
- XXXI. **Effects of caffeic acid phenethyl ester on glycerol-induced acute renal failure in rats**  
Aydogdu N., ATMACA G., YALCIN O., BATCIOGLU K., KAYMAK K.  
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.31, no.9, pp.575-579, 2004 (SCI-Expanded)
- XXXII. **The possible substrate inhibition of epidermal phenylalanine hydroxylase in vitiligo: a new pathogenetic approach**  
Batcioglu K., Hazneci E.  
MEDICAL HYPOTHESES, vol.63, no.5, pp.918-919, 2004 (SCI-Expanded)
- XXXIII. **Effects of exogenous melatonin on myoglobinuric acute renal failure in the rats**  
Aydogdu N., ATMACA G., YALCIN O., BATCIOGLU K., KAYMAK K.  
RENAL FAILURE, vol.26, no.5, pp.479-486, 2004 (SCI-Expanded)
- XXXIV. **Comparison of chemopreventive effects of Vitamin E plus selenium versus melatonin in 7,12-dimethylbenz(a) anthracene-induced mouse brain damage**  
BATCIOGLU K., KARAGOZLER A., OZTURK I., GENÇ M., BAY A., OZTURK F., Aydogdu N.  
CANCER DETECTION AND PREVENTION, vol.29, no.1, pp.54-58, 2004 (SCI-Expanded)
- XXXV. **Carbon tetrachloride-induced nephrotoxicity and protective effect of betaine in Sprague-Dawley rats**  
Ozturk F., Ucar M., Ozturk I., Vardi N., Batcioglu K.  
UROLOGY, vol.62, no.2, pp.353-356, 2003 (SCI-Expanded)

- XXXVI. **Effects of long-term solvent exposure on blood cytokine levels and antioxidant enzyme activities in house painters**  
Karagozler A., Mehmet N., Batcioglu K.  
JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH-PART A, vol.65, no.17, pp.1237-1246, 2002 (SCI-Expanded)
- XXXVII. **Comparison of the selenium level with GSH-Px activity in the liver of mice treated with 7,12 DMBA**  
Batcioglu K., Ozturk C., Karagozler A., Karatas F.  
CELL BIOCHEMISTRY AND FUNCTION, vol.20, no.2, pp.115-118, 2002 (SCI-Expanded)
- XXXVIII. **Comparison of the chemopreventive potentials of melatonin and vitamin E plus selenium on 7,12-dimethylbenz[a]anthracene-induced inhibition of mouse liver antioxidant enzymes**  
Batcioglu K., Karagozler A., Genc M., Celik S.  
EUROPEAN JOURNAL OF CANCER PREVENTION, vol.11, no.1, pp.57-61, 2002 (SCI-Expanded)
- XXXIX. **Investigation of the relationship between nitric oxide metabolites' levels and adenosine deaminase activity in 7,12-dimethylbenz[a]anthracene induced mouse liver**  
Ozturk I., Batcioglu K.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.16, no.5, pp.260-262, 2002 (SCI-Expanded)

### Articles Published in Other Journals

- I. **The investigation of the effect of NAD, H<sub>2</sub>O<sub>2</sub> and weak magnetic field on the antibacterial mechanism of isoniazid (INH) that first line antibiotic against M. tuberculosis agent**  
GÜNAL S., BATÇIOĞLU K., ERDOĞAN E.  
Medicine Science, vol.9, no.1, pp.207-211, 2020 (Peer-Reviewed Journal)
- II. **Comparison of in vivo chemoprotective and in vitro antimicrobial activity of different garlic (Allium sativum) preparations**  
BATÇIOĞLU K., Kargin F. Ö., SATILMIŞ B., GÜL M., UYUMLU A. B., BÜYÜKTUNCEL E., Yiğitcan B., GÜNAL S., GENÇ M. F.  
JOURNAL OF MEDICINAL PLANTS RESEARCH, vol.6, no.14, pp.2885-2894, 2012 (Peer-Reviewed Journal)
- III. **Evaluation of protective effects of verapamil against lens epithelial tissue injury induced by irradiation in rats**  
BATÇIOĞLU K., ERKAL H. S., SERIN M., UYUMLU A. B., YÜCEL N., YILDIRIM B., SATILMIŞ B.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.7, no.3, pp.267-272, 2010 (Scopus)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Anticonvulsant activity of some new Nafimidone derivatives: Effects on GABA metabolism**  
Uyumlu A. B., Satilmis B., Batcioglu K., Alagoz M. A., Karakurt A., Genc M. F.  
40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.182
- II. **Testosterone level of children with the diagnosis of developmental stuttering**  
SELÇUK E. B., GÖNENİR ERBAY L., ÖZCAN Ö., KARTALCI Ş., BATÇIOĞLU K.  
7th International Congress on Psychopharmacology & 3rd International Symposium on Child and Adolescent Psychopharmacology (7th ICP - 3rd ISCAP), Antalya, Turkey, 15 - 19 April 2015, pp.120-121
- III. **Simultaneous determination of some phenolic compounds and antioxidant activity of Inula viscosa (L.) Aiton**  
Gokbulut A., Sarer E., Satilmis B., Batcioglu K.  
59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1414



## Supported Projects

AYDOĐDU N., TEKİN S., AKATLI A. N., BATÇIOĐLU K., Project Supported by Higher Education Institutions, Deneysel Hipertansiyon Modelinde MeteorinLike Ve Myonektinin Rolünün Arařtırılması, 2021 - 2024

BATÇIOĐLU K., NARİNÇ E., TECELLİOĐLU M., Project Supported by Higher Education Institutions, Disfajili yoĐun bakım hastalarında kullanılmak üzere programlanabilir kaf üstü aspirasyon yapabilen trakeostomi kanülü prototipi tasarımı ve geliştirilmesi, 2020 - 2021

BATÇIOĐLU K., Project Supported by Higher Education Institutions, İNÖNÜ ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ MOLEKÜLER ARAřTIRMALAR LABORATUVARI VE ÖĐRENCİ LABORATUVARLARI ALTYAPI GÜÇLENDİRME PROJESİ, 2015 - 2019

BATÇIOĐLU K., Project Supported by Higher Education Institutions, İNÖNÜ ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ MOLEKÜLER ARAřTIRMALAR LABORATUVARI VE ÖĐRENCİ LABORATUVARLARI ALTYAPI GÜÇLENDİRME PROJESİ, 2014 - 2019

USLU H., KAMIŐLI S., BATÇIOĐLU K., Industrial Thesis Project, Yeni platelet inhibitörü tuzların ilaç etken maddesi olarak geliştirilmesi ve aktivitelerinin arařtırılması, 2013 - 2015

## Metrics

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