

ÖZGEÇMİŞ

1. GENEL

ÜNİVERSİTE ADI SOYADI	: Prof. Dr. Tülay Çoban
YAZIŞMA ADRESİ	: Ankara Üniversitesi Eczacılık Fakültesi, Farmasötik Toksikoloji ABD,Tandoğan- ANKARA
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2. EĞİTİM (Son aldığımız dereceden / diplomadan başlayarak yazınız)

ÖĞRENİM DÖNEMİ	DERECE (*)	ÜNİVERSİTE	ÖĞRENİM ALANI
2006-	Profesör	Ankara Üniversitesi	Farmasötik Toksikoloji
1999	Doçent	Ankara Üniversitesi	Farmasötik Toksikoloji
1994	Doktora	Ankara Üniversitesi	Farmasötik Toksikoloji
1988	Yüksek Lisans	Ankara Üniversitesi	Farmasötik Toksikoloji
1985	Lisans	Hacettepe Üniversitesi	Eczacılık

(*) Diploma Türü (Lisans, Y.Lisans, vb.)

3. AKADEMİK ve MESLEKİ DENEYİM

GÖREV DÖNEMİ	ÜNİVERSİTE	ÜNİVERSİTE	BÖLÜM
2006-	Prof. Dr.	Ankara Üniversitesi Eczacılık Fakültesi	Eczacılık Meslek Bilimleri
1999-2006	Doç. Dr.	Ankara Üniversitesi Eczacılık Fakültesi	Eczacılık Meslek Bilimleri
1995-1996	Doktora Sonrası 1.5 yıllık araştırma bursu	Rochester Üniversitesi Tıp ve Dişçilik Okulu	Biyofizik Bölümü
1987-1999	Araştırma görevlisi	Ankara Üniversitesi Eczacılık Fakültesi	Eczacılık Meslek Bilimleri

4. EĞİTİM-ARAŞTIRMA FAALİYETLERİ

4.1. Lisans ve Lisansüstü Dersler

Farmasötik Toksikoloji (Teorik)
Farmasötik Toksikoloji (Pratik)
Besin Analizleri (Teorik)
Besin Analizleri (Pratik)
Araştırma ve Kaynak Taraması
İlaç Bağımlılığı ve Narkotikler (Teorik)
İlaç Bağımlılığı ve Narkotikler (Pratik)
Akut Zehirlenmeler ve İlk yardım
Serbest Radikaller ve Toksikolojideki Önemi

4.2. Tamamlamış Olduğu Yüksek Lisans Tezleri

Gülsüm Gençaslan
Türkiye'de Tıbbi Amaçlı Kullanılan Bazı Bitkilerin Antioksidan Etkilerinin Taranması
Farmasötik Toksikoloji Anabilim Dalı , Yüksek Lisans Tezi, 2007-Ankara

Ayşe Ordu
Bitkisel Ürünler, Yan Etkileri Ve İlaç Etkileşimleri, 2008 - Ankara
Farmasötik Toksikoloji Anabilim Dalı , Tezsiz Yüksek Lisans Dönem Projesi

Fatma Şener
Akciğer Karsinomalarında Oksidatif Stres Biyogöstergelerinin Araştırılması 2009,
Ankara
Farmasötik Toksikoloji Anabilim Dalı , Tezli Yüksek Lisans Projesi

5. TAMAMLANMIŞ PROJELER

1. Proje No. 87-30-00-01
Konu: Nikelin fare karaciğeri mikrozomal karışık fonksiyonlu oksidaz enzim sistemine etkisinin araştırılması.
2. Proje No: 88-03-00-02
Konu: A vitamini ile bazı metallerin etkilerinin deney hayvanlarında ksenobiyotik metabolize eden enzim sistemi düzeyinde araştırılması
3. Proje No. 90-03-00-03
Konu: Kadmiyum ve nikelin birlikte sıçan ve kobay karaciğer monoooksijenazları ve glutatyon konjugasyon enzimleri üzerine etkisinin araştırılması.
- 4- Proje No: 97-03-00-03
Konu: Retinoidal bileşiklerin sentezleri ve serbest radikaller ve lipid peroksidasyon üzerine etkiler
5. Proje No: 98-03-00-04
Konu: Meme kanserinde rol oynayan CYP 1A1 CYP1B1'in normal ve neoplastik insan meme dokusu hücrelerinde ekspresyonları ve lokalizasyonlarının araştırılması
6. Proje No. TAG-1015
Konu. Meme dokusu karsinomalarında antioksidan enzimler:
7. Proje No: SBAG-AYD-44
Konu: Serbest radikaller ve lipid peroksidasyon üzerine retinoidal aktiviteye sahip benzimidazol bileşiklerinin etkisi

6. DİĞER AKADEMİK DEĞERLER

6.1. Ödüller

Ulusal Bilim Ödülü (1993-Sedat Simavi Sağlık Bilimleri Ödülü)

6.2. Uluslararası Burslar

Şubat1995-Ağustos1996 Rochester Üniversitesi Tıp Okulu, Biyofizik Bölümü, Rochester, NY, ABD

7. DİĞER HİZMETLER

2000-2003: Ankara Üniversitesi, Eczacılık Fakültesi Fakülte Kurulu Üyeliği

2002-2003 : Sağlık Bakanlığı Prospektüs Standardizasyonu Alt Komisyonu Üyeliği

2002-2003 : Ankara Üniversitesi Eczacılık Fakültesi Farmasötik Toksikoloji

Anabilim Dalı Doktora Yeterlilik Komitesi Üyeliği

2009- Araştırma Projesi Değerlendirme Komisyonu Üyeliği

2012- Ankara Üniversitesi Denklik komisyonu Üyeliği

10. DİĞER FAALİYETLER

Üye Olunan Dernek ve Kuruluşlar

-Türk Eczacıları Birliği

-FABAD Farmasötik Bilimler Ankara Derneği

-Türk Toksikoloji Derneği

-Ankara Eczacı Odası

-International Society for the Study of Xenobiotics (ISSX)

-Society for Free Radical Research International (SFRR)

-European Registered Toxicologist

PROF. DR. TÜLAY ÇOBAN

YAYIN LİSTESİ

Science Citation Index (SCI ve SCI-Expanded) Kapsamında Yer Alan Dergilerdeki Özgün Yayınlar

1.İşcan M., **Çoban T.**, İşcan M. : Combined effect of cadmium and nickel on rat hepatic monooxygenases: possible stimulation of certain cytochrome P-450 isosymes. *Toxicol. Lett.* 62, 191-199, 1992.

2. İşcan M., **Çoban T.**, Eke B.C. : Responses of hepatic xenobiotic metabolizing enzymes of mouse, rat and guinea pig to nickel. *Pharmacol. Toxicol.* 71, 434-442, 1992.

3. İşcan M., Eke B.C., **Çoban T.** : Combined effects of cadmium and nickel on hepatic glutathione S-transferases in rats. *Comp. Biochem.Physiol.* 104C; 453-456, 1993.

4. İşcan M., **Çoban T.**, Eke B.C., İşcan M. : The responses of hepatic monooxygenases of guinea-pig to combination of cadmium and nickel. *Biol. Trace Elem. Res.* 38, 129-137,1993.

5. İşcan M., **Çoban T.**, Eke B.C. : Differential combined effect of cadmium and nickel on hepatic and renal glutathione S-transferases of the guinea-pig . *Environm. Health .Perspect.* 102 (Suppl 9): 69-72, 1994.
6. İşcan M., **Çoban T.**, Eke B.C., İşcan M.: Differential responses of hepatic monooxygenases and glutathione S-transferases in mice to a combination of cadmium and nickel. *Comp.Biochem. Physiol.* 111C, 61-68, 1995.
7. **Çoban T.**, Bedük Y., İşcan M.: In vitro effects of cadmium and nickel on glutathione, lipid peroxidation and glutathione S-transferase in human kidney. *Toxicol. In Vitro* 10, 241-245, 1996.
8. Eke B.C., **Çoban T.**, Vural N., İşcan M.: Gender dependent effects of cigarette smoke on hepatic and pulmonary xenobiotic metabolizing enzymes in rats. *Environm. Toxicol and Pharmacol.* 5, 29-34, 1998.
9. Maines M.D., Polevoda B., **Coban T.**, Johnson K., Stoliar S., Huangh T.J., Panahian N., Cory-Slechta D.A., Mc Coubrey W.K., Neuronal overexpression of heme oxygenase-1 correlate with an attenuated exploratory behavior and causes an increase in neuronal NADPH diophorase staining. *J. Neurochem.* 70, 5, 2057-2069, 1998.
10. **Çoban T.**, Mabsout A, Eke B.C, Bülbül D, Berberoğlu U, İşcan M.: Glutathione and lipid peroxidation levels in human breast tumors. *Neoplasma*, 45, 3, 151-156, 1998.
11. M. İşcan, **T. Çoban**, D. Bülbül, B.C. Eke, S. Aygörmez, U. Berberoğlu Xenobiotic metabolizing and antioxidant enzymes in normal and neoplastic human breast tissue. *Eur. J. Drug Metab. and Pharm.* 23 (4): 497-500, 1998.
12. İşcan M., Eke BC., Aygörmez S., **Çoban T.**, Bülbül D., 7-Ethoxyresorufin O-deethylase (EROD) activity is not capable of reflecting the overall malignant potential of breast cancer tissue. *Neoplasma*, 46,6, 1999.
13. İşcan, M., Klaubuniemi, T., **Çoban, T.**, Kapucuoğlu, N., Pelkonen, O., and Raunio, H., The expression of cytochrome P450 enzymes in human breast tumours and normal breast tissue, *Breast Cancer Research and Treatment*, 70: 47-54, 2001.
14. İşcan, M., **Çoban, T.**, Çok İ., Bülbül, D., Can Eke, B., and Burgaz S., The organochlorine pesticide residues and antioxidant enzyme activities in human breast tumors: is there any association?, *Breast Cancer Research and Treatment*, 72:173-182, 2002.
15. Dündar, B., Bozdağ-Dündar, O., Can-Eke, B., **Coban, T.**, İşcan, M., and Büyükbingöl, E., Synthesis and antioxidative properties of novel thiazolinendione compounds as retinoids. *Die Pharmazie* 57 (7): 438-441 , 2002.
16. Ölgen, S, **Coban T**, Synthesis and antioxidative properties of novel N-substituted indole-3-acetamide derivatives. *Arch. Pharm Pharm. Med. Chem.* 7, 331-338, 2002.
17. İşcan M, Ada A.O., **Coban T.**, Kapucuoğlu N., Aydın A., Işimer A., Combined effects of cadmium and nickel on testicular xenobiotics metabolizing enzymes in rats. *Biol. Trace Elem. Res.* 57(2):177-190(14), 2002.
18. Ölgen, S, **Coban T**, Antioxidant evaluations of novel N-h and N-substituted indole esters. *Biol Pharm Bull.* 26(5):736-8, 2003.

19. Kapucuoglu N, **Coban T**, Raunio H, Pelkonen O, Edwards RJ, Boobis AR, Iscan M., Immunohistochemical demonstration of the expression of CYP2E1 in human breast tumour and non-tumour tissues. *Cancer Lett.* 196 (2) :153-159, 2003.
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21. **Çoban T**, Saltan Çitoğlu G, Sever B and İşcan M. Antioxidant Activities Of Plants Used In Traditional Medicine In Turkey. *Pharm. Biol.* 41(8), 608-613, 2003.
22. Ates-Alagöz Z, Can-Eke B, **Coban T**, Iscan M, Buyukbingol E, Antioxidant Properties of Novel Benzimidazole retinoids. *Arch. Pharm Pharm. Med. Chem.*,337-1, 2004.
23. Saltan Çitoğlu G, **Çoban T**, Sever B and İşcan M. Antioxidant properties of *Ballota* species growing in Turkey. *Journal of Ethnopharmacology* . 92(2-3):275-80, 2004.
24. Ayhan-Kilcigil G, Kus C., **Coban T.**, Can-Eke B., İşcan M., Synthesis and antioxidant Properties of Novel Benzimidazole Derivatives. *J Enzyme Inhib Med Chem*, 19 (2),129–135, 2004.
25. Tuncbilek M., Can-Eke B., Ayhan-Kilcigil G., **Coban T.**, İşcan M., Evaluation of the Antioxidant Effects of Some Flavonylthiazolidinediones by Determining Their Effects on Lipid Peroxidation, Superoxide Anion Formation, and 2,2-Diphenyl-1-picrylhydrazyl Stable Free Radical. *Biol Pharm Bull.* 27(6), 2004.
26. Ayhan-Kilcigil G, **Coban T**, Tuncbilek M, Can-Eke B, Bozdag-Dundar O, Ertan R, Iscan M. Antioxidant properties of flavone-6(4')-carboxaldehyde oxime ether derivatives. *Arch Pharm Res*, 27(6):610-4, 2004.
27. **Coban T**, Konuklugil B., Free radical scavening activity of *Linum arboreum* L. *Pharm.Biol.*43(3), 370-372, 2005.
28. Ates-Alagöz Z, **Coban T**, Suzen S, A Comperative Study: Evaluation Of Antioxidant Activity of Melatonin And Some Indole Derivatives. *Medicinal Chem. Res.* 14(3):169-179, 2005.
29. Ates-Alagöz Z, Kuş C, **Coban T**, Synthesis And Antioxidant Properties Of Novel Benzimidazoles Containing Substituted İndole Or 1,1,4,4-Tetramethyl 1,2,3,4Tetrahydro-Naphthalene Fragments. *Journal of Enzyme Inhibition* 20(4):325-31, 2005.
30. Ayhan-Kilcigil G, Kus C., **Coban T.**, Can-Eke B., Özbey S., İşcan M., Synthesis, antioxidant and radical scavenging activities of novel benzimidazoles. *J Enzyme Inhib Med Chem.*, 20(5):503-14., 2005 .
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32. Geylan-Su Y.S., Isgör B, **Coban T**, Kapucuoglu N., Aydıntug S., Iscan M. , Iscan M. , T. Güray Comparison of NAT1, NAT2 & GSTT2-2 activities in normal and neoplastic human breast tissues. *Neoplasma*;53(1):73-8, 2006.
33. Ates-Alagöz Z., **Coban T.**, Buyukbingol E., Synthesis and Antioxidant Activity of New Tetrahydro-Naphthalene-Indole Derivatives as Retinoid and Melatonin Analogs. *Arch.Pharm.-Chem. Life Sci.* 339, 193-200, 2006.

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37. Olgen S, Kiliç Z, Ada AO, **Coban T**, Synthesis and antioxidant properties of novel N-H and N-substituted propanamide derivatives. *Arch Pharm (Weinheim).*;340(3):140-6, 2007 .
38. Bozkaya P, Olgen S, **Coban T**, Nebioglu D. Synthesis of N-substituted indole-2-carboxamides and investigation of their biochemical responses against free radicals. *J Enzyme Inhib Med Chem.*,22(3):319-25, 2007.
39. Olgen S, Kiliç Z, Ada AO, **Coban T**. Synthesis and evaluation of novel N-H and N-substituted indole-2- and 3-carboxamide derivatives as antioxidants agents. *J Enzyme Inhib Med Chem*, 22(4):457-62, 2007.
40. Altun ML, Citoğlu GS, Yilmaz BS, **Coban T** Antioxidant properties of Viburnum opulus and Viburnum lantana growing in Turkey, *Int J Food Sci Nutr.*;5:1-6, 2007.
41. Olgen S, Işgör YG, **Coban T**. Synthesis and Activity of Novel 5-Substituted Pyrrolo[2,3-d]pyrimidine Analogues as pp60(c-Src) Tyrosine Kinase Inhibitors. *Arch Pharm (Weinheim)*. 2008 Feb;341(2):113-20
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43. Kuş C, Ayhan-Kılıçgil G, Ozbey S, Kaynak FB, Kaya M, **Coban T**, Can-Eke B. Synthesis and antioxidant properties of novel N-methyl-1,3,4-thiadiazol-2-amine and 4-methyl-2H-1,2,4-triazole-3(4H)-thione derivatives of benzimidazole class. *Bioorg Med Chem*. 2008.
44. Olgen S, Varol P, **Coban T**, Nebioğlu D. Synthesis and evaluation of N-substituted indole-3-carboxamide derivatives as inhibitors of lipid peroxidation and superoxide anion formation.. *J Enzyme Inhib Med Chem*. 2008 Jun;23(3):334-40.
45. Gürkök G, **Coban T**, Suzen S. Melatonin analogue new indole hydrazide/hydrazone derivatives with antioxidant behavior: Synthesis and structure-activity relationships. *J Enzyme Inhib Med Chem.* ;24(2):506-15, 2009.
46. Ferreira PM, Monteiro LS, **Coban T**, Suzen S. Comparative effect of N-substituted dehydroamino acids and alpha-tocopherol on rat liver lipid peroxidation activities. *J Enzyme Inhib Med Chem*. 24(4):967-71, 2009.
47. Kus C, Ayhan-Kılıçgil G, Tuncbilek M, Altanlar N, **Coban T**, Can-Eke B, Iscan M Synthesis, Antimicrobial and Antioxidant Activities of Some Benzimidazole Derivatives. *Letters In Drug Design & Discovery* 6 (5):374-379, 2009.

48. Kiliç Z, Sener F, Işgör YG, **Coban T**, Olgen S. N-substituted indole-3-imine derivatives and their amine congeners: antioxidant and Src kinase inhibitory effects. *Z Naturforsch C*. 65(5-6):347-54, 2010.

49. Olgen S, Kılıç-Kurt Z, Sener F, Işgör YG, **Coban T**, Evaluation of Novel Aminomethyl Indole Derivatives as Src Kinase Inhibitors and Antioxidant Agents. *Chemotherapy*. 3;57(1):1-6, 2010.

50. Kuş C, Sözüdönmez F, Can-Eke B, **Coban T**. Antioxidant and antifungal properties of benzimidazole derivatives. *Z Naturforsch C*. ;65(9-10):537-42, 2010.

51. 8. Oguztuzun S, Abu-Hijleh A, **Coban T**, Bulbul D, Kilic M, Iscan M, Iscan M. *GST isoenzymes in matched normal and neoplastic breast tissue*. *Neoplasma*. 2011;58(4):304-10.

52. Yılmaz AD, **Coban T**, Suzen S. *Synthesis and antioxidant activity evaluations of melatonin-based analogue indole-hydrazide/hydrazone derivatives*. *J Enzyme Inhib Med Chem*. 2012 Jun;27(3):428-36. doi: 10.3109/14756366.2011.594048. Epub 2011 Jul 8.

53 Karaaslan C, Kadri H, **Coban T**, Suzen S, Westwell AD. *Synthesis and antioxidant properties of substituted 2-phenyl-1H-indoles*. *Bioorg Med Chem Lett*. 2013 May 1;23(9):2671-4. doi: 10.1016/j.bmcl.2013.02.090. Epub 2013 Mar 1.