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Eğitim

- Doktora: University of Swansea, Chemistry Department, UK (1997)
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Akademik Gelişim

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Editoriyal Board/Komisyon Üyeliği

Enzyme Inhibition and Medicinal Chemistry” (2009-)
Journal of Pharmaceutics (2011-2017)
Avrupa Farmakopesi (EDQM) 10D (Organik Kimya – Sentetik ve Yarı Sentetik Ürünler) Uzmanlar Grubu Üyesi (2011-)
Current Enzyme Inhibition (2015-)

Uluslararası Makaleler (SCI/ SCI expanded)

Suzen, S. Recent Studies and Biological Aspects of Substantial Indole Derivatives with Anticancer Activity. *Curr Org Chem.* 2017, Baskıda

Gurer-Orhan H, Ince E, Konyar D, Saso L, **Suzen S.** The Role of Oxidative Stress Modulators In Breast Cancer. *Curr Med Chem.* 2017, Baskıda

Suzen S, Gurer-Orhan H, Saso L. Detection of Reactive Oxygen and Nitrogen Species by Electron Paramagnetic Resonance (EPR) Technique. *Molecules.* 22(1), pii: E181, 2017

Shirinzadeh H, Ince E, Westwell AD, Gurer-Orhan H, **Suzen S.** Novel indole-based melatonin analogues substituted with triazole, thiadiazole and carbothioamides: studies on their antioxidant, chemopreventive and cytotoxic activities. *J Enzyme Inhib Med Chem.* 31(6),1312-21, 2016

Gurer-Orhan H, Karaaslan C, Ozcan S, Firuzi O, Tavakkoli M, Saso L, **Suzen S.** Novel indole-based melatonin analogues: Evaluation of antioxidant activity and protective effect against amyloid β -induced damage. *Bioorg Med Chem.* 24(8):1658-64, 2016.

El-Sayed Mt, Zoraghi R, Reiner N, **Suzen S,** Ohlsen K, Altanlar N, Hilgeroth A. Novel inhibitors of the MRSA-pyruvate kinase. *J Enzyme Inh Med Chem.*, 07/2015, In Press, Accepted Manuscript.

El-Sayed Mt, **Suzen S,** Altanlar N, Ohlsen K, Hilgeroth A. Discovery of Bisindolyl-Substituted Cycloalkane-Anellated Indoles as Novel Class of Antibacterial Agents against *S. aureus* and MRSA. *Bioorg Med Chem Lett.* Available online 29 October 2015. In Press, Accepted Manuscript doi:10.1016/j.bmcl.2015.10.085

Püsküllü, M.O., Shirinzadeh, H., Nenni, M., Gurer-Orhan, H., **Suzen, S.** Synthesis and evaluation of antioxidant activity of new quinoline-2-carbaldehyde hydrazone derivatives: Bioisosteric Melatonin Analogues. (2016) *J Enzyme Inh Med Chem,* 31(1):121-5.

Gurer-Orhan H, **Suzen S.** Melatonin, its metabolites and its synthetic analogs as multi-faceted compounds: antioxidant, prooxidant and inhibitor of bioactivation reactions. (2015) *Curr Med Chem.* 22(4), 490-9.

Karaaslan C, **Suzen S.** Antioxidant properties of melatonin and its potential action in diseases. (2015) *Curr Top Med Chem.* 15(9), 894-903.

Suzen S, Saso L. Antioxidant heterocyclic compounds in drug discovery and medicinal chemistry. *Mini Rev Med. Chem,* 13(3), 317, 2013.

Tekiner-Gulbas, B., Westwell, A.D., **Suzen, S.** Oxidative stress in carcinogenesis: New synthetic compounds with dual effects upon free radicals and cancer. (2013) *Current Medicinal Chemistry,* 20 (36), pp. 4451-4459.

Suzen, S., Tekiner-Gulbas, B., Shirinzadeh, H., Uslu, D., Gurer-Orhan, H., Gumustas, M., Ozkan, S.A. Antioxidant activity of indole-based melatonin analogues in erythrocytes and their voltammetric characterization (2013) *Journal of Enzyme Inhibition and Medicinal Chemistry,* 28 (6), pp. 1143-1155.

Püsküllü, M.O., Tekiner, B., **Suzen, S.** Recent studies of antioxidant quinoline derivatives (2013) *Mini-Reviews in Medicinal Chemistry,* 13 (3), pp. 365-372.

Karaaslan, C., Kadri, H., Coban, T., **Suzen, S.,** Westwell, A.D. Synthesis and antioxidant properties of substituted 2-phenyl-1H-indoles (2013) *Bioorganic and Medicinal Chemistry Letters,* 23 (9), pp. 2671-2674.

- Suzen, S.** Melatonin and synthetic analogs as antioxidants. (2013) *Current Drug Delivery*, 10 (1), pp. 71-75.
- Yilmaz, A.D., Coban, T., **Suzen, S.** Synthesis and antioxidant activity evaluations of melatonin-based analogue indole-hydrazone/hydrazone derivatives (2012) *Journal of Enzyme Inhibition and Medicinal Chemistry*, 27 (3), pp. 428-436.
- Suzen, S.**, Cihaner, S.S., Coban, T. Synthesis and comparison of antioxidant properties of indole-based melatonin analogue indole amino acid derivatives (2012) *Chemical Biology and Drug Design*, 79 (1), pp. 76-83.
- Shirinzadeh, H., Altanlar, N., Yucel, N., Ozden, S., **Suzen, S.** Antimicrobial evaluation of indole-containing hydrazone derivatives (2011) *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, 66 C (7-8), pp. 340-344.
- Das-Evcimen, N., Sarikaya, M., Gurkok, G., **Suzen, S.** Evaluation of rat kidney aldose reductase inhibitory activity of some N-acetyl dehydroalanine derivatives (2011) *Medicinal Chemistry Research*, 20 (4), pp. 453-460.
- Yuksel, N., Baykara, M., Shirinzade, H., **Suzen, S.** Investigation of triacetin effect on indomethacin release from poly(methyl methacrylate) microspheres: Evaluation of interactions using FT-IR and NMR spectroscopies (2011) *International Journal of Pharmaceutics*, 404 (1-2), pp. 102-109.
- Suzen, S.**, Ozkan, S.A. Combination of electrochemical, spectrometric and other analytical techniques for high throughput screening of pharmaceutically active compounds (2010) *Combinatorial Chemistry and High Throughput Screening*, 13 (7), pp. 658-664.
- Shirinzadeh, H., Yilmaz, A.D., Gumustas, M., **Suzen, S.**, Ozden, S., Ozkan, S.A. Electrochemical behavior of indole-3-carboxaldehyde izonicotinoyl hydrazones: Discussion on possible biological behavior (2010) *Combinatorial Chemistry and High Throughput Screening*, 13 (7), pp. 619-627.
- Shirinzadeh, H., Eren, B., Gurer-Orhan, H., **Suzen, S.**, Özden, S. Novel indole-based analogs of melatonin: Synthesis and in vitro antioxidant activity studies (2010) *Molecules*, 15 (4), pp. 2187-2202.
- Daş-Evcimen, N., Yildirim, O., **Suzen, S.** Relationship between aldose reductase and superoxide dismutase inhibition capacities of indole-based analogs of melatonin derivatives (2009) *Archives of Biological Sciences*, 61 (4), pp. 675-681.
- Ferreira, P.M., Monteiro, L.S., Coban, T., **Suzen, S.** Comparative effect of N-substituted dehydroamino acids and alpha-tocopherol on rat liver lipid peroxidation activities. (2009) *Journal of enzyme inhibition and medicinal chemistry*, 24 (4), pp. 967-971.
- Gürkök, G., Coban, T., **Suzen, S.** Melatonin analogue new indole hydrazone/hydrazone derivatives with antioxidant behavior: Synthesis and structureactivity relationships (2009) *Journal of Enzyme Inhibition and Medicinal Chemistry*, 24 (2), pp. 506-515.
- Gurkok, G., Altanlar, N., **Suzen, S.** Investigation of antimicrobial activities of indole-3-aldehyde hydrazone/hydrazone derivatives (2009) *Chemotherapy*, 55 (1), pp. 15-19.
- Çalışkan-Ergün, B., Şüküroğlu, M., Coban, T., Banoğlu, E., **Suzen, S.** Screening and evaluation of antioxidant activity of some pyridazine derivatives (2008) *Journal of Enzyme Inhibition and Medicinal Chemistry*, 23 (2), pp. 225-229.
- Suzen, S.**, Das-Evcimen, N., Varol, P., Sarikaya, M. Preliminary evaluation of rat kidney aldose reductase inhibitory activity of 2-phenylindole derivatives: Affiliation to antioxidant activity (2007) *Medicinal Chemistry Research*, 16 (3), pp. 112-118.
- Şüküroğlu, M., Çalışkan-Ergün, B., Das-Evcimen, N., Sarikaya, M., Banoğlu, E., **Suzen, S.** Screening and evaluation of rat kidney aldose reductase inhibitory activity of some pyridazine derivatives (2007) *Medicinal Chemistry Research*, 15 (7-8), pp. 443-451.
- Suzen, S.**, Bozkaya, P., Coban, T., Nebioğlu, D. Investigation of the in vitro antioxidant behaviour of some 2-phenylindole derivatives: Discussion on possible antioxidant mechanisms and comparison with melatonin (2006) *Journal of Enzyme Inhibition and Medicinal Chemistry*, 21 (4), pp. 405-411.

- Suzen, S.** Recent developments of melatonin related antioxidant compounds (2006) *Combinatorial Chemistry and High Throughput Screening*, 9 (6), pp. 409-419.
- Suzen, S.,** Gurkok, G., Coban, T. Novel N-acyl dehydroalanine derivatives as antioxidants: Studies on rat liver lipid peroxidation levels and DPPH free radical scavenging activity (2006) *Journal of Enzyme Inhibition and Medicinal Chemistry*, 21 (2), pp. 179-185.
- Gurer-Orhan, H., Orhan, H., **Suzen, S.,** Püsküllü, M.O., Buyukbingol, E. Synthesis and evaluation of in vitro antioxidant capacities of some benzimidazole derivatives (2006) *Journal of Enzyme Inhibition and Medicinal Chemistry*, 21 (2), pp. 241-247.
- Ateş-Alagöz, Z., Coban, T., **Suzen, S.** A comparative study: Evaluation of antioxidant activity of melatonin and some indole derivatives (2005) *Medicinal Chemistry Research*, 14 (3), pp. 169-179.
- Kaymakçioğlu, B.K., Aktan, Y., **Süzen, S.,** Gökhan, N., Koyunoğlu, S., Erol, K., Yeşilada, A., Rollas, S. In vivo metabolism of 2-[1'-phenyl-3'-(3-chlorophenyl)- 2'-propenylyden]hydrazino-3-methyl-4(3H)-quinazolinone in rats (2005) *European Journal of Drug Metabolism and Pharmacokinetics*, 30 (4), pp. 255-260.
- Dogan, B., Uslu, B., **Suzen, S.,** Ozkan, S.A. Electrochemical evaluation of nucleoside analogue lamivudine in pharmaceutical dosage forms and human serum (2005) *Electroanalysis*, 17 (20), pp. 1886-1894.
- Suzen, S.,** Buyukbingol, E. Recent studies of aldose reductase enzyme inhibition for diabetic complications (2003) *Current Medicinal Chemistry*, 10 (15), pp. 1329-1352.
- Süzen, S.,** Demircigil, B.T., Buyukbingol, E., Özkan, S.A. Electroanalytical evaluation and determination of 5-(3'-indolyl)-2-thiohydantoin derivatives by voltammetric studies: Possible relevance to in vitro metabolism (2003) *New Journal of Chemistry*, 27 (6), pp. 1007-1011.
- Süzen, S.,** Ateş-Alagöz, Z., Demircigil, B.T., Özkan, S.A. Synthesis and analytical evaluation by voltammetric studies of some new indole-3-propionamide derivatives (2001) *Farmaco*, 56 (11), pp. 835-840.
- Göker, H., Tunçbilek, M., **Süzen, S.,** Kus, C., Altanlar, N. Synthesis and antimicrobial activity of some new 2-phenyl-N-substituted carboxamido-1H-benzimidazole derivatives (2001) *Archiv der Pharmazie*, 334 (5), pp. 148-152.
- Kendi, E., Ates-Alagoz, Z., **Suzen, S.,** Buyukbingol, E. Crystal structure of 2-[(5',6',7',8'-tetrahydro-5',5',8',8'-tetramethyl)-2'-naphthyl] -1-ethyl-1H-benzimidazole-5-carboxylic acid ethyl ester (2001) *Analytical Sciences*, 17 (4), pp. 567-568.
- Göker, H., **Süzen, S.,** Kuş, C., Boykin, D.W. Synthesis of new 2-aryl-4H-4-oxo-1-benzopyran oxime ethers (2000) *Heterocyclic Communications*, 6 (5), pp. 385-390.
- Süzen, S.,** Williams, J.M. Investigation of the synthesis of some dehydroalanine derivatives (2000) *Turkish Journal of Chemistry*, 24 (4), pp. 361-370.
- Suzen, S.,** Buyukbingol, E. Anti-cancer activity studies of indolalithiohydantoin (PIT) on certain cancer cell lines (2000) *Farmaco*, 55 (4), pp. 246-248.
- Ates-Alagoz, Z., **Suzen, S.,** Buyukbingol, E., Caira, M.R. Synthesis and structure of 2-[(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalene)]-5-benzimidazole ethylcarboxylate monohydrate (2000) *Journal of Chemical Crystallography*, 30 (2), pp. 103-107.
- Suzen, S.,** Williams, M. Behaviour of dehydroalanine derivatives under hydrazinolysis conditions. Possible relevance to glycoprotein hydrazinolysis (1999) *Journal of Peptide Science*, 5 (6), pp. 283-286.
- Suzen, S.,** Buyukbingol, E. Evaluation of anti-HIV activity of 5-(2-phenyl-3'-indolal)-2 thiohydantoin (1998) *Farmaco*, 53 (7), pp. 525-527.
- Evciimen, N.D., Pekiner, B., **Süzen, S.,** Büyükbingöl, E. The inhibitory effect of benzodiazepine derivatives on the bovine lens aldose reductase enzyme (1998) *Biochemistry and Molecular Biology International*, 45 (2), pp. 381-387.
- Ates, Z., **Suzen, S.,** Buyukbingol, E. Effects of a benzimidazole compound on monoxygenase activities (1997) *Farmaco*, 52 (11), pp. 703-706.

Buyukbingol, E., **Suzen, S.**, Klopman, G. Studies on the synthesis and structure-activity relationships of 5-(3'-indolal)-2-thiohydantoin derivatives as aldose reductase enzyme inhibitors (1994) *Farmaco*, 49 (6), pp. 443-447.

SCI dışı indexlerde yer alan uluslararası makaleler

Yılmaz, A.D., Karaaslan, C., Shirinzadeh, H., **Suzen, S.**, Ozcan, S., Gurer Orhan, H. New Antioxidant Drug Development Studies on Neurohormone Melatonin and Synthetic Analogues. (2014) *Academic Journal of Science*. 3(2), 51-56. (*Index Copernicus*)

Karaaslan, C., **Suzen S.** Electrochemical Behavior of Biologically Important Indole Derivatives, (2011) *J Int. Electrochemistry*, 2011, 1-10 (*Expanded Academic Index, Chemical Abstracts Service (CAS), Directory of Open Access Journals (DOAJ)*)

Konferans Proceeding

Sezer, O., Ince, E., Ozturk-Ceylan, O., Akdermir, A., **Suzen, S.**, Gurer-Orhan H. Design, synthesis and investigation of dual benefits of 2-methyl indole derivatives in hormone-dependent breast cancer: Aromatase inhibitory and antioxidant activity (2016) *Toxicology Letters* 258:S126

Suzen, S., Shirinzadeh, H., Karaaslan, C., Gurer-Orhan, H., Eren, B. Synthesis and in vitro antioxidant activity studies of melatonin analogue compounds. (2016) *Toxicology Letters* 258:S202.

Suzen, S., Yılmaz, A.D., Karaaslan, C., Shirinzadeh, H., Coban, T. Indole-based melatonin analogue compounds as cellular ROS inhibitors: Investigation on the peroxidation of human erythrocyte membranes and oxidative hemolysis (2016) *Toxicology Letters* 258:S202-S203

Yılmaz, A.D., Karaaslan, C., Shirinzadeh, H., **Suzen, S.**, Ozcan, S., Gurer Orhan, H. New Antioxidant Drug Development Studies on Neurohormone Melatonin and Synthetic Analogues. (2014) *Academic Journal of Science*. 3(2), 51-56. (*Index Copernicus*)

Ozcan, S., Uslu, D., Karaaslan, C., Shirinzadeh, H., **Suzen, S.**, Gurer-Orhan, H. Comparison of antioxidant activities of newly synthesized melatonin analogues. (2013) *Toxicology Letters* 221S, S59–S256 .

Yılmaz, A.D., Shirinzadeh, H., Coban, T., **Suzen, S.**, Ozden, S. Synthesis and antioxidant activity evaluations of melatonin based analogue indole-hydrazide/hydrazone derivatives. *BMC Proceedings* 2012, 6(Suppl 4):P28. doi:10.1186/1753-6561-6-S4-P28

Shirinzadeh, H., Yılmaz, AD., Yücel, N., Altanlar, N., **Suzen, S.**, Ozden, S. Antimicrobial activity of indole-based melatonin analogues . *BMC Proceedings* 2012, 6(Suppl 4):P27. doi:10.1186/1753-6561-6-S4-P27

Ozturk, D., **Suzen, S.**, Sabuncuoglu, B., Akkus, B. Radioprotection of the Rat Kidney with a New Indole Based Compound. *International Journal of Radiation Oncology Biol Phys* 2005, 63(2) Suppl 1, S437. DOI: <http://dx.doi.org/10.1016/j.ijrobp.2005.07.746>

Ulusal Makaleler

Das-Evcimen N, Sarıkaya M, Karaaslan C, Yılmaz Ad, Shirinzadeh H, **Suzen S.** Rat Lung Aldose Reductase Inhibition Capacity of Substituted Indole Hydrazide/Hydrazone Derivatives. *FABAD J.Pharm. Sci.*, 37(4), 169-174, 2012

Karaaslan C., **Suzen, S.** Mucize Hormon Melatonin Hakkında Bilinmesi Gerekenler. (2012) *Modern Fitofarmakoterapi ve Doğal Farmasötikler*, 1, 30-36

Ozturk D, Sabuncuoglu B, **Suzen S.**, Akkus-Yıldırım B. İndol türevi yeni bir bileşik ile sıçanlarda radyasyon nefropatisinin engellenmesi (The prevention of radiation nephropaty in the rat with a new indol based compound) (2004) *Cumhuriyet Üniv. Tıp Fak. Dergisi.*, 26(3), 107-112.

Ateş Alagoz, Z., **Süzen, S.** Oxidative damage in the central nervous system and protection by melatonin [Santral sinir sisteminin oksidatif hasari ve melatonin tarafından korunması] (2001) Ankara Üniversitesi Eczacılık Fakültesi Dergisi, 30 (3), pp. 47-62.

Ateş-Alagoz Z, **Süzen S.** Structure-activity relationships of melatonin analogues. (2001) Ankara Üniversitesi Eczacılık Fakültesi Dergisi., 30 (4), 41-52.

Süzen, S. Investigations on the effect of base and solvents on the elimination of p-toluene sulphonyl group in the synthesis of dehydroalanine (2001) Ankara Üniversitesi Eczacılık Fakültesi Dergisi, 30 (1), 17-25.

Süzen, S., Alagoz, Z., Puskullu, M.O. Antioxidant activities of indole and benzimidazole derivatives (2000) Fabad Journal of Pharmaceutical Sciences, 25 (3), 113-119.

Süzen, S. The characterisation of the carbohydrate moieties of glycoproteins and the role of hydrazinolysis (1999) Fabad Journal of Pharmaceutical Sciences, 24 (4), 233-239.

Süzen, S. The role of dehydroalanines in enzyme and peptide chemistry (1999) Ankara Üniversitesi Eczacılık Fakültesi Dergisi, 28 (2), 129-141.

Süzen, S. Radioprotective agents in the treatment of cancer and the role of amifostine (1999) Ankara Üniversitesi Eczacılık Fakültesi Dergisi, 28 (2), 117-128.

Kitap / Kitap bölümü / Editörlük

Süzen S. Evaluation of synthetic melatonin analog antioxidant compounds. Book: Melatonin: Therapeutic Value and Neuroprotection. Srinivasan V, Gobbi G, Shillcutt S.D, Süzen S (Eds). Publisher: Boca Raton : Taylor & Francis, (2015), Chapter 21, p. 259-269. ISBN: 9781482220100 1482220105

Süzen S. Antioxidant Activities of Synthetic Indole Derivatives and Possible Activity Mechanisms. Book: Topics in Heterocyclic Chemistry, Bioactive Heterocycles V. Khan, M.T.H. (Ed.), Spinger-Verlag Berlin Heidelberg. (2007) Vol. 11 Page 145-178. DOI: 10.1007/7081_2007_074. SBN-13: 978-3540734055, ISBN-10: 3540734058

Süzen S. Ozkan A.S. Medicinal and Pharmaceutical Applications and prospects of Electrochemistry. Book: Electroanalytical Methods in Pharmaceutical Analysis and Their Validation. Ozkan, S.A (Ed). NHB Publishing, (2011) Chapter 8, p. 255-284. ISBN: 978-0-9664286-7-4.

Ozden S, Ertan R, Akı-Sener E, Yalcın I, Nebioglu D, Buyukbingol E, Goker H, Yıldız I, Altuntas-Dinlenc TG, Tuncbilek M, Ayhan-Kılıçgil G, Olgen S, **Süzen S**, Temiz-Arapacı O, Kus C, Bozdağ-Dundar O, Tekiner-Gülbas B, Ateş-Alagoz Z. A.Ü Eczacılık Fakültesi “Farmasötik Kimya Pratikleri 1-2” Uygulama kitabı (Pharmaceutical Chemistry Practise 1-2 Lab. Book) ISBN 975-482-649-8 A.Ü Basımevi, 2004.

Ozden S, Ertan R, Akı-Sener E, Yalcın I, Nebioglu D, Buyukbingol E, Goker H, Yıldız I, Altuntas-Dinlenc TG, Tuncbilek M, Ayhan-Kılıçgil G, Olgen S, **Süzen S**, Temiz-Arapacı O, Kus C, Bozdağ-Dundar O, Tekiner-Gülbas B, Ateş-Alagoz Z. A.Ü Eczacılık Fakültesi “Farmasötik Kimya Pratikleri 3-4” Uygulama kitabı (Pharmaceutical Chemistry Practise 3-4 Lab. Book) ISBN 975-482-649-8 A.Ü Basımevi, 2004.

Davetli Editör

Süzen S, Saso L. Organic compounds as modulators of oxidative stress: chemical and biological aspects. Curr Org Chem. 2017 in Press

Borges F, Garrido J, Saso L, **Süzen S.** Oxidative Stress as a Pharmacological Target for Medicinal Chemistry: Synthesis and Evaluation of Compounds with Redox Activity - Part 3. (2015) Curr Top Med Chem. *In print*

Borges F, Garrido J, Saso L, **Süzen S.** Oxidative Stress as a Pharmacological Target for Medicinal Chemistry: Synthesis and Evaluation of Compounds with Redox Activity - Part 2. (2015) Curr Top Med Chem. *In print*

Borges F, Saso L, Garrido J, **Süzen S.** Editorial (thematic issue: oxidative stress as a pharmacological target for medicinal chemistry: synthesis and evaluation of compounds with redox activity - part 1.(2014) Curr Top Med Chem. 14(22):2461

Borges F, Saso L, Garrido J, **Suzen S.** Synthesis, evaluation and pharmacological applications of antioxidants- part 2. (2013). *Curr Med Chem.* 20(37), 4647

Borges F, Saso L, Garrido J, **Suzen S.** Synthesis, evaluation and pharmacological applications of antioxidants- part 1. (2013) *Curr Med Chem.* 20(36), 4435

Suzen, S., Saso, L. Antioxidant heterocyclic compounds in drug discovery and medicinal chemistry (2013) *Mini-Reviews in Medicinal Chemistry*, 13 (3), 317.

Süzen, S. Combinatorial Chemistry and High Throughput Screening: Editorial (2006) *Combinatorial Chemistry and High Throughput Screening*, 9 (6), 407.

Davetli Konuşmacı

8. **Suzen S.** Chemistry and Biology of Antioxidants, "Behavior of new indole based compounds against free radicals with chemopreventive activity "Workshop on Biochemistry, Physiology And Pharmacology of Oxidative Stress. Sapienza University of Rome (Italy) July 2-4, 2015.
7. **Suzen S.**, New Indole-Based Melatonin Analogues with antioxidant activity" Perugia University, 3-9 February 2013, Perugia, ITALY,
6. **Suzen S.** Chemistry and Biology of Antioxidants, "Novel Indole-Based Melatonin Analogues As Free Radical Scavengers" Sapienza University, Rome, ITALY, 10-12 November 2011, Host: Prof Luciano Saso
5. **Suzen S.** Melatonin and Synthetic Analogues as Antioxidants. 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), June 26-29, 2012. PL-18
4. **Suzen S.** The Role of Indole-based Analogs of Melatonin in Oxidative Defense and Scavenging Free Radicals" Università Degli Studi Di Parma, Research Seminar, May-2008, Host: Prof Paolo Colombo.
3. **Suzen S.** New developments on aldose reductase inhibitors: the role of indole and pyridazine compounds" Welsh School of Pharmacy, Research Seminar Programme 2007-08 Spring Term, 23 Jan 2008, Cardiff, UK, Host: Dr. Andrew Westwell.
2. **Suzen S.** In Vitro Antioxidant Activities of Melatonin Analogue Indole Derivatives" 3rd International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-3 October 16-21, L-22, p.34, Antalya – Turkey-2007.
1. **Suzen S.** Melatoninbased indole derivatives as potential antioxidants. 8th Antioxidant meeting 12-14 October-2012, Thessaloniki, Greece

Post-Doktora Çalışmaları

Research grand of British Council (September-1997). University of Wales-Swansea, Chemistry Department, UK

Research grand of The Scientific And Technological Research Council of Turkey-Tubitak (June-September-2004). University of Swansea, Chemistry Department, UK

Projeler

Östrojenin karsinojenik etki mekanizmalarının antikanser ilaç hedefi olarak değerlendirilmesi, Tübitak 116S296, *Araştırmacı*, 2017

İndol ve Karbazol Türevi Yeni İlaç Etken Maddesi Geliştirilmesi: Antioksidan ve Kanserde Kemopreventif Aktivitelerinin Değerlendirilmesi (172.000 TL), Tübitak, 112S599, *Yürütücü*, 2015.

Melatonin Analogu Yeni Antioksidan İlaç Etken Maddeleri Geliştirilmesi: Biyolojik Aktivite, Sitotoksikite ve Olası Metabolitlerinin İn-vitro Elektrokimyasal Değerlendirilmeleri (112.000 TL), Tübitak, 109S099, *Yürütücü*, 2011.

Bazı İlaç Etken Maddelerinin Metabolik Profillerinin Ve Kritik Hücrel Makromoleküllerle Etkileşme Potansiyellerinin Belirlenmesi (238000). Tübitak, 110S224, *Araştırmacı*, 2014.

Bitkisel çaylar ve gıda destek ürünlerinin endokrin bozucu etki potansiyellerinin belirlenmesi ve fitoöstrojen içeriklerinin analizi, Tübitak, 108S202, *Araştırmacı*, 2011.

Aldoz redüktaz enzimini inhibe edecek yeni bileşiklerin sentezleri ve biyolojik aktivite çalışmaları, A.Ü BAP, 20050803051, *Araştırmacı*, 2008.

Bazı antiviral ve antibakteriyel ilaçların elektroanalitik incelenmesi. A.Ü BAP, 20030803037, *Araştırmacı*, 2005

Radyasyona karşı koruyucu etkili yeni melatonin türevi bileşiklerin sentezi, yapı aydınlatmaları ve antioksidan etki çalışmaları. A.Ü BAP, 2001-08-03-09, *Araştırmacı*, 2001.

Radyasyona karşı etkili yeni bileşiklerin sentezi ve biyolojik değerlendirilmeleri. A.Ü BAP, *Yürütücü*, 99.03.00.03, 1999.

Diyabetik şartlarda katarakt oluşumuna etkili yeni hidantoin türevi bileşiklerin sentezi ve değerlendirilmeleri: Aldoz redüktaz enzim inhibisyonu çalışmaları, A.Ü BAP, *Araştırmacı*, 1990.

Aldoz redüktaz inhibitörlerinin dizayn ve sentezi ve in vitro/in vivo enzim aktivitelerinin değerlendirilmesi. A.Ü BAP, 88.03.00.01, *Araştırmacı*, 1988.

Yönetilen Tezler

GOKCE GURKOK: Synthesis, identification and evaluation of antioxidant activity of biologically important some new indole derivatives, 2007

SEYHAN SEZEN CIHANER: Synthesis and Biological Activity Evaluation of Drug Candidate New Indole-Amino Acid Derivatives, 2009

AYSE DIDEM YILMAZ: (Master) Synthesis, Structure Elucidation and Activity Evaluation of New Melatonin Analogue Indole Derivatives, 2010

AYSE DIDEM YILMAZ: (PhD) Synthesis and Biological Activity Evaluation of New Melatonin Analogue Indole Derivatives, 2011

AYŞE SÖZEN (Master) Recent developments of Antiepileptic drugs, 2013

ÖZLEM ÖZTÜRK: (Master) Synthesis And Evaluation Of Biological Activities of Antimicrobial Indole Derivatives, 2014

ÖZLEM ÖZTÜRK: (PhD) Synthesis, identification and evaluation of biological activity of some new indole derivatives,

KÜBRA DURGUN (MASTER) Synthesis and evaluation of antioxidant and chemopreventative activity of melatonin analogue new indole derivatives.

Idari Görevler

Ankara Üniversitesi AB Eğitim Programları/Erasmus Kurumsal Koordinatörü (2012-)

Ankara Üniversitesi Uluslararasılaşma Kurumsal Koordinatörü (2014-)

Ankara Üniversitesi Uluslararası Öğrenci Koordinatörlüğü (2014-)

Ankara Üniversitesi Yönetmelik Komisyonu üyeliği (2013-2014)

Ankara Üniversitesi Eczacılık Fakültesi, 5 yıllık Eğitim Programı Komite Üyeliği (2004)

Türk Farmasötik ve Medisinal Kimya Derneği Yönetim Kurulu Üyeliği (2003- 2009)

Ankara Üniversitesi Eczacılık Fakültesi Mesleki İngilizce Koordinatörü (2009-)

Ankara Üniversitesi Eczacılık Fakültesi, Socrates-Erasmus Program koordinatörlüğü (2009-)

Ankara Üniversitesi Eczacılık Fakültesi Fakülte Kurulu Üyeliği (2006-2008)

Ankara Üniversitesi Eczacılık Fakültesi, Socrates-Erasmus Program koordinatör yardımcılığı (2004-2009)

Ankara Üniversitesi Eczacılık Fakültesi, Avrupa Birliği Eğitim Koordinatörü (2003- 2009)

Ankara Üniversitesi Eczacılık Fakültesi, Yabancı Eczacılık Fakülteleri Değerlendirme ve Acreditasyon Komite Üyeliği (2003-2004)

Ankara Üniversitesi Eczacılık Fakültesi, Avrupa Üniversiteleri Değerlendirme Programı Komite Üyeliği (2004-2005)

Hakemlik Yapılan Dergiler

Journal of Enzyme Inhibition and Medicinal Chemistry (SCI)

Medicinal Chemistry Research (SCI Expanded)

Turkish Journal of Chemistry (SCI Expanded)

Medicinal Chemistry Communications (SCI Expanded)

Molecules (SCI Expanded)

Mini Reviews in Medicinal Chemistry (SCI Expanded)
Medicinal Chemistry (SCI Expanded)

Görev Alınan/Düzenlenen Bilimsel Toplantılar

ORGANİZASYON KOMİTESİ ÜYELİĞİ : International Symposium on Pharmaceutical Sciences-ISOPS-6 (2000-Ankara)

ORGANİZASYON KOMİTESİ ÜYELİĞİ International Symposium on Pharmaceutical Sciences-ISOPS-7 (2003-Ankara)

KONGRE SEKRETERLİĞİ: International Meeting of Medicinal and Pharmaceutical Chemistry IMMPC-2 (2004 Antalya) by Turkish Pharmaceutical and Medicinal Chemistry Association

SOSYAL KOMİTE ÜYELİĞİ: International Symposium on Pharmaceutical Sciences-ISOPS-8 (2006-Ankara)

ORGANİZASYON KOMİTESİ ÜYELİĞİ International Meeting of Medicinal and Pharmaceutical Chemistry IMMPC-3 (2006 Antalya) by Turkish Pharmaceutical and Medicinal Chemistry Association

KONGRE SEKRETERLİĞİ: 19th Annual Conference of the European Association of Faculties of Pharmacy (EAFP) (16-18 May 2013), Ankara, Turkey

Kongreler

İnce E, Taşcıoğlu A, Karaaslan Ç, **Suzen S**, Gürer-Orhan H. Comparison of Antioxidant And Cytotoxic Activities of 5-Metoxindole-3-Aldehyde Hydrazones and Indole-7-Aldehyde Hydrazones. 9-12 Haziran 2015, International symposium on Pharmaceutical Sciences, ISOPS-11, Ankara.

Taşcıoğlu A, İnce E, Karaaslan Ç, Neuhouse E, **Suzen S**, Gürer-Orhan H. Evaluation of in vitro cytotoxic and antioxidant activity of indol 7/4-carboxyaldehyde hydrazones. TURKHELTOX, 21-24 Ekim 2015, Çeşme, İzmir.

İnce E, Taşcıoğlu A, Karaaslan Ç, Bilardi N, **Suzen S**, Gürer-Orhan H. Structure activity relationship of antioxidant, cytotoxic and chemopreventive activities of 5-metoxindole-3-aldehyde hydrazones and indole-7-aldehyde hydrazones. TURKHELTOX, 21-24 Ekim 2015, Çeşme, İzmir.

Öztürk-Ceylan Ö, Altanlar N, **Suzen S**. Antimikrobiyal etkili yeni indol türevi bileşiklerin sentezleri biyolojik aktivitelerinin değerlendirilmesi İVEK Uluslararası ilaç ve eczacılık Kongresi. 28-11-2014, İstanbul

Nenni M, İnce E, Shirinzade H, **Suzen S**, Gurer-Orhan H. Yeni sentezlenen indol türevi in vitro sitotoksitesite ve antioksidan etkilerinin değerlendirilmesi. Türk Toksikoloji, Derneği, III. Bölgesel Sempozyumu, 12 Haziran 2014, İzmir

Suzen, S. Presentation of the AU Erasmus Office. Erasmus + in Ankara University, Unica Iro Meetng, Ankara University, 6-7 May 2014, Ankara, Turkey. (Oral presentation)

Yılmaz, A.D., Karaaslan, C., Shirinzadeh, H., Özcan, S., Gurer-Orhan H., **Suzen, S**. New antioxidant drug development studies on neurohormone melatonin and synthetic analogues, The International Conference for Academic Disciplines will run from 16 to 19 June 2014, Barcelona, Spain.

Daş-Evcimen, N., Sarikaya, M., Shirinzadeh, H., Karaaslan, Ç., Yılmaz, A.D., **Suzen, S**. Aldose Reductase Inhibitory Capacity of Several Indol Derivatives. Gordon Research Conferences Drug Metabolism, Holderness, MA, July 7-12, 2013, USA.

Suzen, S. Developments in pharmacy education in Turkey. EAFP Annual Conference Curriculum Optimization, Towards Learning Outcomes: Practical Experiences. 16-18 May, 2013, Ankara, Turkey.(Oral presentation)

Suzen, S. Melatoninebased indole derivatives as potential antioxidants. 8th Antioxidant meeting 12-14 October-2012, Thessaloniki, Greece. (Oral Presentation).

Özcan, S., Karaaslan, Ç., Tekiner Gülbaş, B., **Suzen, S.**, Gürer Orhan, H. Antioxidant and cytotoxic activity of newly synthesized melatonin analogues. 8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, 14-18 Kasım 2012, Antalya, Türkiye

Özden, S., Coşkun, M., Özçelikay, G., **Suzen, S.** Insights and importance of research projects of pharmacy students in pharmacy education in Turkey. EAFP Annual Conference 2012, Urteeth, Hollanda.

Suzen, S., Altanlar, N., Shirinzade, H., Yılmaz, A.D., Gurkok, G. Newindole-3-aldehyde hydrazide/hydrazone derivatives against MRSA. Poster GM/22, Spring Conference, Convention Centre, 26-29 March, 2012, Dublin, Ireland

Suzen, S. Melatonin and synthetic analogues as antioxidants. 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), June 26-29, Poster No: 12, 2012, Ankara, Turkey

Shirinzadeh, H., Yılmaz, A.D., Çoban, T., **Süzen, S.** Antioxidant activity evaluations of indole-based melatonin analogues. International Conference for Healthcare and Medical Students (ICHAMS). 4-5 Kasım 2011, Dublin, İrlanda.

Yılmaz, A.D., Shirinzadeh, H., Yücel, Y., Altanlar, N., **Süzen, S.**, Özden, S. Antimicrobial evaluations of new melatonin based analogue indole derivatives. International Conference for Healthcare and Medical Students (ICHAMS). 4-5 Kasım 2011, Dublin, İrlanda.

Suzen S. 10th Indo-Italian Workshop On Chemistry And Biology Of Antioxidants, "Novel Indole-Based Melatonin Analogues As Free Radical Scavengers" 10-12 November 2011, Rome, Italy. (Oral Presentation)

Suzen, S. İ laç Kimyası. Uluslararası Kimya Yılı Her Yönüyle Kimya Sempozyumu. 19-21 Ekim 2011, Ankara, Turkey, (Oral Presentation)

Yılmaz, A.D., Shirinzadeh, H., Karaaslan, C., Ozden, S., **Suzen, S.** New Insights In to the Antioxidant Activity of New Indole-Based Melatonin Analogues. The 14th biennial EBPS conference, 26-29th August 2011, Amsterdam, Netherlands.

Özden, S., Coşkun, M., Ayhan-Kılıçgil, G., **Suzen S.** Applications of Research Project in Ankara University Faculty of Pharmacy. XVIIth Annual Conference, "Topics in Pharmaceutical Education" of the European Association of Faculties of Pharmacy (EAFP) 23-25 June, 2011, Lisboa, Portugal

Shirinzadeh H, Eren B, Gurer-Orhan H, **Suzen S**, Ozden S. Inhibition of cellular ROS, peroxidation of human erythrocyte membranes and oxidative hemolysis effects of new melatonin analogues. P017, Analysis of Free Radicals, Radical Modifications And Redox Signalling. 18-19 May, 2011, Birmingham, UK.

Kurşun E, Gürkök G, **Süzen S**, Evcimen N, Yıldırım Ö. Effects of Some Indol Derivatives on Aldose Reductase Enzyme Activity. P194, III. International Anti-aging Congress, 2-5- December, 2010 Ankara, Turkey.

Yuksel N, Baykara M, **Süzen S.** Effect Of Triacetin On The Release Profile Of Indomethacin From Poly(Methyl Methacrylate) Microspheres, Poster No: IPS-P-030, FIP, The 70th World Congress of Pharmacy and Pharmaceutical Sciences, 28 August-2 September, 2010, Lisbon, Portugal

Suzen S. ICOS-18, International Conference on Organic Synthesis, August 1-6, 2010, Bergen, Norway

Suzen, S., Cihaner, S.S., Coban, T. Synthesis, analysis and Antioxidant Properties of Schiff base Indole-Amino Acid Derivatives. EuCheMS-26-30 August, 2012, Prag, Çek Cumhuriyeti

Karaaslan, C., Tekiner Gülbaş, B., Yılmaz, A.D., Shirinzade, H., Gürer-Orhan, H., **Süzen, S.** Antioxidant Properties Of Melatonin Analogue New Indole Derivatives. Poster No: 12, 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), June 26-29, 2012, Ankara, Turkey

Shirinzadeh, H., Karaaslan, C., Tekiner-Gulbas., B., Burcu Eren., Hande Gurer-Orhan., Ozden,S., **Suzen, S.** Antioxidant properties of new melatonin analogues: Synthesis and *in Vitro* Biological Activity Studies. Poster No: 43, 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), June 26-29, 2012, Ankara, Turkey

Shirinazadeh, H., Karaaslan, C., Tekiner-Gulbas., B., Yılmaz, A.D., Gumustas, M., Ozkan, S.A., **Suzen, S.**

Investigation on Electrochemical Behavior of Indole-Hydrazones. Poster No: 125, 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), June 26-29, 2012, Ankara, Turkey

Özden S, Coşkun M., Özçelikay G, **Süzen S.** New insight on pharmacy education in Turkey. European Association of Pharmacy Faculties, EAPF, June 24-26, 2010, Catania, Italy.

Gurkok G, Coban T, **Suzen S.** In-vitro antioxidant behaviour of some indole hydrazide and hydrazone derivatives. EEMS, 2009, Florence, Italy.

Das-Evcimen N, Yıldırım O, **Suzen S.** Correlation Between Aldose Reductase and Superoxide Dismutase Inhibition Capacities of Indole-based Analogues of Melatonin Derivatives. Protein Society Symposium, 2009, Boston, USA.

Shirinazadeh H, Gümüştaş M, **Süzen S,** Özkan S.A, Özden S. synthesis and investigation of electrochemical behaviour of N-methylindole-3-carboxaldehyde izonicotinoyl hydrazone. 9th International Symposium on Pharmaceutical Sciences (ISOPS-9), Abstract P-73, June, 23-26, 2009, Ankara, Turkey.

Suzen S. In Vitro Antioxidant Activities of Melatonin Analogue Indole Derivatives” 3rd International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-3 October 16-21, L-22, p.34, Antalya – Turkey-2007. (Oral Presentation)

Gurkok G, Altanlar N, **Suzen S.** Evaluation of Antimicrobial activity of indole-3-aldehyde hydrazones” 3rd International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-3 October 16-21, 2007, Antalya, Turkey.

Ozden S, Buyukbingol Z, Coskun M, Nebioglu S, **Suzen S.** Evaluation of New Trends In Pharmacy Education of Ankara University Faculty of Pharmacy In EU Candidate Turkey . European Association Faculties of Pharmacy EAFP 2007 Annual Conference : Trends in Pharmacy Education, 20-22 September, 2007, Madrid, Spain.

Suzen S, Bozkaya P, Coban T, Nebioglu D. *In Vitro* Antioxidant Behaviour of Melatonin Analogue Indole Derivatives. 37th Annual Meeting of the European Environmental Mutagen Society, Session II Poster 9, p 140, September 9-13, 2007, Basel, Switzerland.

Bozkaya P, Dogan B, **Suzen S,** Nebioglu D, Ozkan S.A. Electrochemical Properties of Some 2-Phenylindole Derivatives: Potential Results on *In Vitro* Metabolism. International Conference on Medicinal Chemistry, RICT, Drug Discovery and Selection, 4-6 Temmuz, 2007, Lille, France.

Ozkan S.A, Dogan B, Uslu B, **Suzen S.** Cathodic voltammetric behavior and determination of nucleoside analogue lamivudine in pharmaceutical dosage forms and biological fluids” Drug Analysis, , Abstract p. PG 18, 16-19 May 2006, Namur, Belgium

Suzen S, Bozkaya P, Coban T, Nebioglu D. Investigation of *in vitro* antioxidant behaviour of some 2-phenylindole derivatives: discussion on possible antioxidant mechanisms and comparison with melatonin” XIXth International Symposium on Medicinal Chemistry, (ISMC 2006), Drugs Future 2006 31(Supp A): 132, Abstract P-289, August 29 - September 2, 2006, Istanbul, Turkey,

Gurkok G, Coban T, **Suzen S.** Antioxidant activity studies of novel *N*-acyl dehydroalanine derivatives” 8th International Symposium on Pharmaceutical Sciences (ISOPS-8), Abstract P-201, June, 13-16, 2006, Ankara, Turkey.

Bozkaya S.P, Dogan B, **Suzen S,** Nebioglu D, Ozkan S.A, “Determination and investigation of electrochemical behaviour of 2-phenylindole derivatives: Discussion on possible mechanistic pathways” 8th International Symposium on Pharmaceutical Sciences (ISOPS-8), Abstract P-192, June, 13-16, 2006, Ankara, Turkey.

Sarıkaya M, Sukuroglu M, Caliskan-Ergun B, Banoglu E, Das-Evcimen N, **Suzen S.** Screening and evaluation of rat kidney aldose reductase inhibitory activity of some pyridazine-3-one derivatives” 8th International Symposium on Pharmaceutical Sciences (ISOPS-8), Abstract P-10, June, 13-16, 2006, Ankara, Turkey.

Kaymakioglu BK, Aktan Y, **Suzen S,** Gokhan N, Koyunoglu S, Erol K, Yesilada A, Rollas S. “In vivo metabolism of 2-[1'-phenyl-3'-(3-chlorophenyl)-2'-propenylyden]hydrazino-3-methyl-4(3H)-quinazolinone in rats” International symposium on medicinal chemistry Research and development MCRD 2005, 28 september-1 october 2005, Kusadası, Turkey.

- Suzen S**, Davies J.S. In vitro Antioxidative properties of N-Benzoyloxycarbonyl dehydrothreonine methyl ester” 2nd Joint Italian-Swiss Meeting on Medicinal Chemistry, 12-16, September, 2005, Modena, Italy.
- Ozturk, D., **Suzen, S.**, Sabuncuoğlu, B., Akkus, B. Radioprotection Of The Rat Kidney With A New Indole Base Compound. *Int J Radiat Oncol Biol Phys* 63(2) Suppl 1; S437; 2005 Astro Annual Meeting, 2005, Denver, Colorado, USA
- Ates-Alagoz Z, Coban T, **Suzen S**. A Comparative Study: Evaluation Of Antioxidant Activity of Melatonin And Some Indole Derivatives” 2nd International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-2 October 10-14, 2004, Antalya, Turkey.
- Suzen S**, Ates-Alagoz Z, Demircigil T, Ozkan S.A. Synthesis and Analytical Evaluation by Voltammetric Studies of Some New Indole-3-propionic acid Derivatives” 7th International Symposium on Pharmaceutical Sciences ISOPS-7, Abstract 319 (P-185), June 24-27, 2003, Ankara, Turkey.
- Goker H, **Suzen S**, Kus C, Boykin D.W. Studies on the Synthesis of New benzopyran oximether derivatives” 1st International meeting on medicinal and Pharmaceutical Chemistry. IMMPC-1, Abstract P84, September 25-28, 2002, Ankara Turkey.
- Suzen S**, Buyukbingol E. Evolution of 5-(2-phenyl-3'-indolal)-2-thiohydantoin (PIT) as an anti-cancer compound on several cancer lines” 3th International Symposium on Pharmaceutical Chemistry ISPC-3, Abstract 219-220, September 17-19, 2001, İstanbul, Turkey.
- Suzen S**, Buyukbingol E. Evolution of Anti-HIV Activity of of 5-(2-phenyl-3'-indolal)-2-thiohydantoin” 6th International Symposium on Pharmaceutical Sciences ISOPS-6, Abstract 285, June 27-29, 2000, Ankara, Turkey.
- Das-Evcimen N, Pekiner B, **Suzen S**, Buyukbingol E, “Inhibition of Aldose reductase by benzo-diazepine derivatives” 6th European Congress of Pharmaceutical Sciences, EUFEPS, *Eur. J. Pharm. Sci.*, Vol 11 (2000) S107, September 16-19, 2000, Budapest, Hungary.
- Balaban F, Ates-Alagoz Z, **Suzen S**, Buyukbingol E, Iscan M. Effects of Newly Synthesised Retinoid Derivatives on Human Lymphocyte Culture” 4th Xenobiotic Metabolism and Toxicity Workshop of Balkan Countries, Abstract sayfa 59, April 12-16, 2000, Antalya, Turkey.
- Suzen S**, Williams J.M. Investigation of hydrazinolysis reactions of some dehydroalanine derivatives by NMR” 2nd International Symposium on Pharmaceutical Chemistry, ISPC-2, Abstract P-15, September, 22-24, 1999, Ankara, Turkey.
- Suzen S**. A study on the synthesis of some DL-serine derivatives and related dehydro compounds” 2nd International Symposium on Pharmaceutical Chemistry, ISPC-2, Abstract P-16, September, 22-24, 1999, Ankara, Turkey.
- Ateş Z, Can-Eke B, **Suzen S**, Iscan M, Buyukbingol E. Effects of a Newly Synthesised Benzimidazole Compound on Monooxygenase Activities “5th International Symposium on Pharmaceutical Sciences, ISOPS-5, Abstract P-131, June, 24-27, 1997, Ankara, Turkey.
- Suzen S**, Buyukbingol E, “Molecular Orbital Studies of 5'-Substituted-3'-indolal-2-thiohydantoin Derivatives as Inhibitors of Aldose Reductase Enzyme” 2nd International Symposium of Pharmaceutical Sciences, Abstract O-7, June, 11-14, 1991, Ankara, Turkey. (Oral Presentation)
- Goker H, Olgen S, **Suzen S**, Ertan R, Akgun H. Studies on the Synthesis of Some Biological Active New Benzimidazole Derivatives” 2nd International Symposium on Pharmaceutical Sciences, Abstract P-12, June, 11-14, 1991, Ankara, Turkey.
- Suzen S**, Buyukbingol E, “Molecular Orbital Studies of 1,4-Dihydro-4-oxoquinoline-3-carboxylic Acid Derivatives as Inhibitors of Rat Lens Aldose Reductase Enzyme”, 50th International Congress of F.I.P., *International Pharmacy Journal* CS181, Sept. 3-7, 1990, İstanbul, Turkey.