



KIBRIS SAėLIK  
VE TOPLUM BİLİMLERİ  
ÜNİVERSİTESİ

## Prof. Dr. Nuray Arı (Yıldızoėlu), Ph.D. CURRICULUM VITAE

March, 2018



**Place of Birth:**

**Contact Information:**

Ankara -Türkiye  
Department of Pharmacology,  
Faculty of Pharmacy,  
Ankara University, 06100  
Ankara, Turkey  
ari@ankara.edu.tr  
+90 312 203 31 34  
+90 312 213 10 81

**E-mail :**

**Tel:**

**Fax:**

**Titles:**

- 1979 B.Sc. in Pharmacy  
Faculty of Pharmacy, Ankara University, Ankara, Turkey
- 1984 Ph.D. in Pharmacology  
Department of Pharmacology, Faculty of Pharmacy,  
Ankara University, Ankara, Turkey
- 1989 Associate Professor of Pharmacology
- 1995 Professor of Pharmacology

**Employment and Positions:**

- 1986-1986 Research Assistant,  
Department of Pharmacology,  
Faculty of Pharmacy, Ankara University, Ankara, Turkey
- 1986-1987 Lecturer  
Department of Pharmacology,  
Faculty of Pharmacy, Ankara University, Ankara, Turkey

1987-1989 Assistant Professor  
Department of Pharmacology,  
Faculty of Pharmacy, Ankara University, Ankara, Turkey

1989-1995 Associate Professor,  
Department of Pharmacology,  
Faculty of Pharmacy, Ankara University, Ankara, Turkey

1995- Professor  
Department of Pharmacology,  
Faculty of Pharmacy, Ankara University, Ankara, Turkey.

#### **Fellowships:**

1974-1978: From Turkish Scientific and Technological Research Council of Turkey (TUBITAK) for Ph.D. study

1988-1989: Postdoctoral position sponsored by JSPS (Japan Society for the Promotion of Sciences,) in Tokyo, Japan.

#### **Recent activities**

Assoc. Editor : “ International Journal of Pharmacy”

Editor: Türkiye Klinikleri, “Turkish Journal of Pharmaceutical Sciences”

Board: Turkish Anti-aging Society

#### **RESEARCH INTERESTS**

- Diabetic animal models, diabetes-induced cardiovascular complications and antidiabetic agents.
- Antioxidants in diabetes-induced complications
- Insulin resistance and cardiovascular complications.
- Anti-aging Pharmacology

#### **PROJECTS**

2012 - 2017: “Effects of aliskiren on insulin resistance and cardiovascular dysfunction in a rat model of diabetes mellitus: the high fat-fed, streptozotocin-treated rat”, supported by Ankara University Research Foundation.  
*Project coordinator*

2010 – 2013: “The effects of SM1EC1 on glycoxidative stress markers and vascular reactivity on aging rats with or without diabetes”. Supported by Gazi University Research Foundation, *Researcher*

2006 - 2010: “Research on effects of Olea europaea leaf extracts on protein-lipid oxidation, apoptosis signal transduction pathways and glucose stimulated insulin release in INS-1E pancreas beta cell line”, Supported by

the European Science Foundation, COST Action B-35 (Lipid Peroxidation Associated Disease). Scientific and Technological Research Council of Turkey (TUBITAK). *Researcher of Turkish side.*

2008- 2011: “STZ diabetic rats as a glyco oxidative aging model: Effects of Pyridoindol SMe1C2 on vascular reactivity, endothel functions and tissue protein oxidations. Supported by Ankara University. *Project coordinator*

2007-2010: “Effects of low dose, long term treatment of fluvastatin on oxidative / nitrosative stress in peripheral tissues of diabetic rat”. Supported by Ankara University. *Researcher.*

2007-2009: “ Investigation of *in vitro* and *in vivo* performance of injectable in situ implants.” Supported by Ankara University. *Researcher.*

2005-2008: , “Effects of statin therapy on diabetes-induced myocyte dysfunction in mice”. Supported by Ankara University. *Researcher*

2007-2008: “Effects of short term treatment of rosiglitason on AGEs induced cardiovascular complications in rat. Supported by Scientific and Technological Research Council of Turkey (TUBITAK). *Project coordinator.*

2003-2007: “Antioxidants and aldose reductase blockade in prevention of late diabetic complications: study on new pyridoindole derivatives”. Supported by the Scientific and Technological Research Council of Turkey (TUBITAK) and Slovak Academy of Sciences, SBAG-SLOVAK-2 (Joint Project). *Researcher of Turkish side*

2001-2005: “Antioxidants and aldose reductase blockade in prevention of late diabetic complications: study on new pyridoindole derivatives”, Supported by Turkish Scientific and Research Council (TUBITAK), *Researcher..*

2001-2005: “Effects of antioxidants in prevention of diabetic complications Investigations on Pyridoindole Stobadine” Supported by Ankara University. *Project coordinator.*

2000-2001: *Project coordinator.* “Investigation of  $K_{ATP}$  channel function in diabetic human saphenous vein: Effect of troglitazon. Supported by Scientific and Technological Research Council of Turkey (TUBITAK)

2002-2003: “Invesigation of  $K_{ATP}$  channel function in diabetic human Mammary artery: Effects of rosiglitazon and pioglitazon. Supported by Scientific and Technological Research Council of Turkey (TUBITAK). *Project coordinator.*

2004-2005: “A study in a new adult type 2 diabetic model in rat: Effects of pioglitazon and insulin on the reactivity of aorta”. Supported by Scientific and Technological Research Council of Turkey (TUBITAK). *Project coordinator.*

## RESEARH ARTICLES

1. Gül Anlar H, Bacanlı M, Çal T, Aydın S, Ari N, Bucurgat ÜÜ, Başaran AA, Başaran N. Effects of cinnamic acid on complications of diabetes. *Turk J Med Sci*, 2018; 48;168-177.
2. Bacanlı M, Gül Anlar H, Aydın S, Çal T, Ari N, Bucurgat ÜÜ, Başaran AA, Başaran N. d-limonene ameliorates diabetes and its complications in streptozotocin -induced diabetic rats. *Food Chem Toxicol*, 2017; 110:434-442.
3. Ulusu NN, Gök M, Sayın Şakul AA, Arı N, Stefek M, Karasu Ç. Antioxidant SMe1EC2 modulates pentose phosphate pathway and glutathione-dependent enzyme activities in tissues of aged diabetic rats. *Interdisciplin Toxicol*, 2017; 1:101-107.

4. Gök M, Ulusu NN, Tarhan N, Tufan C, Ozansoy G, Arı N, Karasu Ç. Flaxseed Protects Against Diabetes-Induced Glucotoxicity by Modulating Pentose Phosphate Pathway and Glutathione-Dependent Enzyme Activities in Rats. *J Diet Suppl*, 2016;13:339-51.
5. Ozansoy G, Ceylan-Isik A, Aktan F, Cumaoglu A, Arıcıoglu A, Karasu Ç, Arı N. Non Cholesterol Lowering Dose of Atorvastatin Ameliorates Diabetic Ventricular Myocyte Dysfunction in Mice. *Int J Pharm*, 5:23-32, 2015.
6. Algin-Yapar E, Arı N, Baykara T. Evaluation of *In vitro* and *In vivo* Performance of Granisetron In situ Forming Implants: Effect of Sterilization, Storage Condition and Degradation. *Trop J Pharm Res*, 13: 319-3254, 2014.
7. Sakul A, Cumaoglu A, Aydın E, Arı N, Dilsiz N, Karasu C. Age- and diabetes-induced regulation of oxidative protein modification in rat brain and peripheral tissues: consequences of treatment with antioxidant pyridoindeole. *Exp Gerontol*.48:476-84, 2013.
8. Muhammed A, Arı N. Antidiabetic activity of the aqueous extract of *Anchusa Strigosa Lab* in STZ-diabetic Rats. *Int J Pharm*, 2: 445-449, 2012.
9. Cumaoglu A, Arı N, Kartal M, Karasu Ç. Polyphenolic extracts from *Olea europea L.*, protect against cytokine-induced beta-cell damage through maintenance of redox homeostasis. *Rejuven Res*, 14:325-34, 2011.
10. Ceylan-Isik AF, Arı N, Stefek M, Sotnikova R, Ozansoy G, Horakova L, Karasu C. Effects of a Long-Term Treatment with an Antioxidant Pyridoindeole on Vascular Responsiveness in Diabetes-Induced Aging Rats. *Curr Aging Sci*. 4:150-157, 2011.
11. Cumaoglu A, Ozansoy G, Irat AM, Arıcıoglu A, Karasu C, Arı N. Effect of long term, non cholesterol lowering dose of fluvastatin treatment on oxidative stress in brain and peripheral tissues of streptozotocin-diabetic rats. *Eur J Pharmacol*. 654:80-85, 2011.
12. Cumaoglu A, Stefek Victor Bauer V, Arı N, Arıcıoglu A, Karasu Ç. Glycooxidative and nitrosative stresses in kidney of experimental diabetic rats: Effects of the pyridoindeole antioxidant stobadine. *Neuroendocr Lett*, 31 : 101-108, 2010.
13. Ceylan-Isik AF, Erdogan-Tulmac OB, Arı N, Ozansoy G, Ren. Impact of 17-beta estradiol replacement on vascular responsiveness in ovariectomized diabetic rats. *J. Clin Exp Pharmacol Physiol*. 36:e65-71, 2009.
14. Inal O, Kiliçarslan M, Arı N, Baykara T. In vitro and in vivo transdermal studies of atenolol using iontophoresis. *Acta Pol Pharm*. 65:29-36, 2008.
15. Cumaoglu A, Cevik C, Rackova L, Arı N, Karasu C. Effects of antioxidant stobadine on protein carbonylation, advanced oxidation protein products and reductive capacity of liver in streptozotocin-diabetic rats: role of oxidative/nitrosative stress.. *Biofactors*. 30:171-8, 2007.
16. Ceylan-Isik A, Hünkar T, Aşan E, Kaymaz F, Arı N, Söylemezoğlu T, Renda N, Soncul H, Bali M, Karasu C. Cod liver oil supplementation improves cardiovascular and metabolic abnormalities in streptozotocin diabetic rats. *J Pharm Pharmacol*. 59:1629-41, 2007.

17. Sahilli M, Irat AM, Işık AC, Karasu C, Ozansoy G, **Ari N**. A lack of synergistic interaction between insulin and pioglitazone on reactivity of rat aorta from chronically high dose insulin-treated diabetic rats.. *Gen Physiol Biophys*. 26:48-55, 2007.
18. Yülek F, Or M, Ozoğul C, Isik AC, **Ari N**, Stefek M, Bauer V, Karasu C. Effects of stobadine and vitamin E in diabetes-induced retinal abnormalities: involvement of oxidative stress. *Arch Med Res*. 38:503-11, 2007.
19. Yalçındağ FN, Batıoğlu F, **Ari N**, Ozdemir O. Aqueous humor and serum penetration of tacrolimus after topical and oral administration in rats: an absorption study. *Clin Ophthalmol*. 1:61-64, 2007.
20. Irat AM, Aslamaci S, Karasu C, **Ari N**. Alteration of vascular reactivity in diabetic human mammary artery and the effects of thiazolidinediones. *J Pharm Pharmacol*. 58:1647-53, 2006.
21. Ulusu NN, Sahilli M, Avcı A, Canbolat O, Ozansoy G, **Ari N**, Bali M, Stefek M, Stolc S, Gajdosik A, Karasu C. Pentose phosphate pathway, glutathione-dependent enzymes and antioxidant defense during oxidative stress in diabetic rodent brain and peripheral organs: effects of stobadine and vitamin E.. *Neurochem Res*. 28:815-23, 2003.
22. Zobali F, Besler T, **Ari N**, Karasu C. Hydrogen peroxide-induced inhibition of vasomotor activity: evaluation of single and combined treatments with vitamin A and insulin in streptozotocin-diabetic rats. *Int J Exp Diabetes Res*. 3:119-30, 2002.
23. Yöntem O, Sahilli M, Karasu C, Özçelikay AT, Altan VM, **Ari N** Troglitazone has no effect on  $K_{ATP}$  channel opener induced-relaxations in rat aorta and in human saphenous veins from patients with type 2 diabetes.. *Life Sci*. 68:557-68, 2000.
24. Koçak G, Aktan F, Canbolat O, Ozoğul C, Elbeğ S, **Yildizoglu-Ari N**, Karasu C. Alpha-lipoic acid treatment ameliorates metabolic parameters, blood pressure, vascular reactivity and morphology of vessels already damaged by streptozotocin-diabetes. *Diabetes Nutr Metab*. 13:308-18, 2000.
25. Dinçer UD, Onay A, **Ari N**, Özçelikay AT, Altan VM. The effects of diabetes on beta-adrenoceptor mediated responsiveness of human and rat atria. *Diabetes Res Clin Pract*. 40:113-22, 1998.
26. Gür S, **Ari N**, Oztürk Y. Increased responses to adenosine in isolated left atria from streptozotocin-diabetic rats: evidence for the involvement of hypothyroidism. *J Cardiovasc Pharmacol*, 29:174-9, 1997.
27. Özçelikay AT, Tay A, Güner S, Taşyaran V, **Yildizoglu-Ari N**, Dinçer UD, Altan VM. Reversal effects of L-arginine treatment on blood pressure and vascular responsiveness of streptozotocin-diabetic rats. *Pharmacol Res*, 41:201-9, 2000.

28. Ozçelikay AT, Tay A, Dinçer D, Meral S, **Yildizoğlu-Ari N**, Altan VM. The effects of chronic L-arginine treatment on vascular responsiveness of streptozotocin-diabetic rats. *Gen Pharmacol*, 33:299-306, 1999.
29. Dinçer UD, Onay A, Ari N, Ozçelikay AT, Altan VM. The effects of diabetes on beta-adrenoceptor mediated responsiveness of human and rat atria. *Diabetes Res Clin Pract*, 40:113-22, 1998.
30. Oztürk Y, Aydın S, Ozçelikay AT, Altan VM, **Yildizoğlu-Ari N**. Calmodulin content and in vitro contractility of duodenum from streptozotocin-induced diabetic rats: effects of insulin therapy and calmodulin antagonism. *Eur J Pharmacol*. 19;321:59-65, 1997.
31. Oztürk Y, Altan VM, **Yildizoğlu-Ari N** Duration-dependent changes in calcium responsiveness in the alloxan-diabetic rat intestine. *J Diabetes Complications*. 10:288-93, 1996.
32. Oztürk Y, Altan VM, **Yildizoğlu-Ari N**. Effects of experimental diabetes and insulin on smooth muscle functions. *Pharmacol Rev*. 48:69-112, 1996. **Review**.
33. Aydın S, Oztürk Y, Altan VM, **Yildizoğlu-Ari N**, Ozçelikay AT. Effect of insulin treatment on smooth muscle calmodulin levels in rats with long-term streptozotocin-diabetes. *Mol Cell Endocrinol*. 15;116:67-71, 1996.
34. Oztürk Y, **Yildizoğlu-Ari N**, Altan VM Altered alpha-adrenergic responses of vas deferens to noradrenaline and tyramine from rats with short- and long-term alloxan diabetes. *Gen Pharmacol*. 25:1519-24, 1994.
35. Oztürk Y, **Yildizoğlu-Ari N**, Ozüari A, Altan VM. The effects of glyburide and insulin on the decreased beta-adrenergic responsiveness of the gastrointestinal tract in rats with non-insulin-dependent diabetes. *Gen Pharmacol*. 25:1511-7, 1994.
36. Oztürk Y, **Yildizoğlu-Ari N**, Pekiner C, Ozçelikay AT, Altan VM. Vanadate treatment reverses gastrointestinal complications in the streptozotocin-diabetic rats. *Gen Pharmacol*. 25(6):1109-14, 1994.
37. Oztürk Y, Aydın S, Altan VM, **Yildizoğlu-ari N**, Ozçelikay AT. Effect of short and long term streptozotocin diabetes on smooth muscle calmodulin levels in the rat. *Cell Calcium*. 16:81-6, 1994.
38. Ozçelikay AT, Pekiner C, **Ari N**, Oztürk Y, Ozüari A, Altan VM The effect of vanadyl treatment on vascular responsiveness of streptozotocin-diabetic rats.. *Diabetologia*. 37:572-8, 1994.
39. Ozcelikay AT, **Yidizoglu-Ari N**, Ozuari A, Oztürk Y, Altan VM. The effect of vanadate on alloxan-diabetic rat atria. *Diabetes Res Clin Pract*. 19:189-94, 1993.
40. Oztürk Y, Altan VM, **Yildizoğlu-Ari N**, Altinkurt O.. Bradykinin receptors in intestinal smooth muscles and their post-receptor events related to calcium. *Mediators Inflamm*. 2:309-315, 1993

41. Ozüari A, Oztürk Y, **Yildizoğlu-Ari N**, Ozçelikay AT, Altan VM. The effects of glyburide and insulin on the cardiac performance in rats with non-insulin-dependent diabetes mellitus. *Gen Pharmacol.* 24:165-9, 1993
42. . Ozçelikay AT, Altan VM, **Yildizoğlu-Ari N**, Altinkurt O, Onur F, Oztürk Y. Basal and histamine-induced gastric acid secretion in alloxan diabetic rats. *Gen Pharmacol.* 24:121-6, 1993.
43. Oztürk Y, **Yildizoğlu-Ari N**, Altan VM, Ozçelikay AT Effect of insulin on the decreased beta-adrenergic responses of duodenum and atrium isolated from streptozotocin diabetic rats. *Gen Pharmacol.* 24(1):217-23, 1993.
44. Oztürk Y, Altan VM, **Yildizoğlu-Ari N**. Beta-adrenergic responsiveness of the gastrointestinal tract in diabetic rats. *Pharmacol Toxicol.* 71(4):250-3, 1992. **Review.**
45. Oztürk Y, **Yildizoğlu-Ari N**, Altan N, Altan VM. Effect of lithium on gastro-intestinal complications in alloxan-diabetic rats. *Gen Pharmacol.* 23(4):769-73, 1992.
46. Oztürk Y, Altan VM, Ozçelikay AT, **Yildizoğlu-Ari N**. Beneficial effect of insulin on the decreased gastrointestinal beta-adrenergic responses in streptozotocin-diabetic rats: a contributing role of protein biosynthesis. *Arch Int Pharmacodyn Ther.* 317:81-92, 1992.
47. **Yildizoğlu-Ari N.**, AltaVM., Altinkurt O., ÖztürkY. Pharmacological Effects of Rutin. *Phytotherapy Research,* 5:19-23, 1991.
48. Oztürk Y, Altinkurt O, **Yildizoğlu-Ari N**, Altan VM. Evaluation of contraction time and recovery period as a parameter in the calcium antagonistic action on the K<sup>(+)</sup>-depolarized rat duodenum. *J Pharm Pharmacol.* 42:874-7, 1990.
49. Ozçelikay AT, Altinkurt O, Oztürk Y, **Yildizoğlu-Ari N**, Altan VM. Biostatistical modeling of the effect of intravenous histamine-infusion on the rat gastric acid secretion. *J Pharmacol Methods.* 24:241-50, 1990.
50. Oztürk Y, **Yildizoğlu-Ari N**, Ozüari A, Ozçelikay AT, Altan VM. Decreased beta-adrenergic responses of rat small intestine due to non-insulin-dependent diabetes. *Diabetes Res Clin Pract.* 9:123-7, 1990.
51. Karasu C, Oztürk Y, Altan N, **Yildizoğlu-Ari N**, Ikizler C, Altan VM. Thyroid hormones mediated effect of insulin on alloxan diabetic rat atria. *Gen Pharmacol.* 21:735-40, 1990.
52. Altan VM, Oztürk Y, **Yildizoğlu-Ari N**, Nebigil C, Lafçi D, Ozçelikay AT. Insulin action on different smooth muscle preparations. *Gen Pharmacol.* 20:529-35, 1989.
53. **Yildizoğlu-Ari N**, Altinkurt O, Oztürk Y, Altan VM, Pekiner C, Karasu C. Decreased gastrointestinal responses to salbutamol and serotonin in streptozotocin-induced diabetes: improving effect of insulin in vivo and in vitro. *Gen Pharmacol.* 19:665-8, 1988.
54. Oztürk Y, **Yildizoglu N**, Altan VM, Karasu C. Altered responses to calcium and trifluoperazine in K<sup>+</sup>-depolarized duodenum from alloxan diabetic rats. *Pharmacol Res Commun.* 19:597-608, 1987.

55. Altan VM, **Yildizoğlu N**, Oztürk Y. Decreased gastro-intestinal responses to certain agonists in streptozotocin- and alloxan-diabetic rats in vitro. *Pharmacology*. 34:143-8, 1987.

## MEETINGS

- Yöntem Ö, Sahilli M, Altan VM., Arı N. “Troglitazone has no Effect on Cromakalim-induced Relaxations in Rat Aorta. 2<sup>nd</sup> European Congress of Pharmacology, Budapest, Hungary, 3-7 July 1999. *Fund.Clin.Pharmacol.* 13(suppl.1), p.117, 1999.
- Arı N, Yöntem Ö, Sahilli M, Karasu ., Özçelikay AT, Altan VM. “Alteration of K<sub>ATP</sub> Channel Function in Saphenous Veins from Patients with Type 2 Diabetes” *The European Association for the study of Diabetes (EASD). Jerusalem, İsrail, 17-21 Sept., Diabetologia, 43( Suppl 1), p. A274, 2000.*
- Karasu Ç, Ulusu N, Avcı A, Sahilli M, Canpolat O, Ozansoy G, Arı N, Stefek M, Stolc S, Gajdosik A. “Effects of Stobadine Treatment on Pentose Phosphate Pathway, glutathione-dependent enzymes, Superoxide dismutase and lipid peroxidation in the brain of diabetic rat. Comparison with vitamin E. 37<sup>th</sup> Annual Meeting of European Association for the Study of Diabetes (EASD), 9-13 Sept 2001, Glasgow. *Diabetologia, 44(suppl.1):A155, 592, 2001.*
- Arı N, İrat AM., Sahilli M, Karasu Ç, “Pioglitazone has no Effect on the Relaxations via K<sub>ATP</sub> Channels in Human Internal Mammary Artery” 38<sup>th</sup> Annual Meeting of The European Association for the study of Diabetes (EASD), Budapest, Hungary, 1-5 Sept., *Diabetologia, 45:(Suppl 2):pA74, 2002*
- Karasu Ç., Avcı A., Canbolat A., Bali M., Ozansoy G., Ceylan A., Arı N., Stefek M. Comparative Effects of Stobadine and Vitamin E Treatments on Oxidative Stress markers in Heart and Kidney of STZ-diabetic Rats., 2002. *XI th Meeting of the Society for Free Radical Research Int, July 16-20, 2002, Paris, France. Free Radical Biology & Medicine, 33(Suppl 1): S188, 2002*
- A. Ceylan, Ç.Karasu, Arı N, Stefek M. “Stobadine Regulates Vascular Reactivity and Blood Pressure Via The Effects on Calcium Channels in Chronically Diabetic Rat Aorta”. *12th International Congress on Cardiovascular Pharmacotherapy (ISCP), May 7-10, 2003 Barcelona, Spain, Abstract Book, 2003..*
- Arı, N., İrat A.M., Sahilli M., Karasu Ç., “Rosiglitazone has no Effect on K<sub>ATP</sub> Channel Opener Relaxations in Human Internal Mammary Artery”. *2nd Int.Symposium on PPARs: From Basic Science to Clinical Applications. Florance, Italy, March-19-22, Abst. Book, p.34, 2003.*
- Arı, N., İrat A.M., Ceylan A, Karasu-Yılmaz Ç., “Alteration of K<sub>ATP</sub> Channel Function in Internal Mammary Artery from Patients with Type 2 Diabetes” 39<sup>th</sup> Annual Meeting of The European Association for the study of Diabetes (EASD), Paris, France, 24-29 Aug, *Diabetologia, 46:(Suppl 2), p. A390, 2003.*
- Karasu, Ç., Türközkan, N., Ceylan A., Çimen, B., Arı N., Stefek M. Comparison of Stobadine and Vitamine E treatments on kidney Na<sup>+</sup>, K<sup>+</sup> ATPase Activity, HbA<sub>1C</sub> and Systolic Blood pressure of Chronically Diabetic Rats. *18 th International Diabetes Federation Congress (IDF), 24-29 Aug 2003, Paris, France. Diabetes & Metabolism. 29:4S303, 2501, 2003,*
- Ozansoy G., Ceylan-İşık, A., Arı, N., Direct Effects of Simvastatin on Vascular Smooth Muscle Responsiveness of Diabetic Rats: Role of Calcium Mobilisation. *40 th Annual Meeting of The European Association for the study of Diabetes (EASD), Munich, Germany, 5-9 Sept. 2004, Diabetologia, 47(Suppl 1), 2004.*
- Arı, N., Sahilli M., İşık A.C., Ozansoy G., Karasu-Yılmaz C. A Lack of Acute Synergistic Interaction Between Insulin and Pioglitazone on Vasodepressor Responses in Aorta from Type 2 Diabetic Rats”. *40 th Annual Meeting of The European Association for the study of Diabetes (EASD), Munich, 2004, 5-9 Sept. Diabetologia, 47(Suppl 1), p.A420, 2004.*
- Arı, N., Sahilli, M., Ceylan-İşık, A., Ozansoy, G., İrat A.M., Karasu-Yılmaz Ç. Effect of high dose insulin therapy in type 2 diabetic rats on vascular reactivity of aorta. *European Congress of Endocrinology (ECE 2005), 3-7 Sept 2005, Götteborg, Sweden. Abst book, poster 3-226, p.310, 2005.*
- İnal, Ö., Kılıçarslan, M., Arı, N., Baykara, T. “ New approaches on the release of atenolol by using iontophoresis: in vivo studies”, 20-23 Nov.2005, *2nd. EUFEPS Conference on Optimizing Drug Delivery and Formulation, Versailles, France, Abst. Book, 2005.*
- Ceylan-İşık A., Tulmaç, E., Özlem A., Arı N., Uğur M., Ozansoy G. Effects of 17 beta-estradiol treatment on calcium regulation of aortae from STZ-induced diabetic ovariectomized rats. *European Congress of Endocrinology (ECE 2005), 3-7 Sept 2005, Götteborg, Sweden. Abst book, p.315, 2005.*
- Ulusoylar, Ş., Ceylan- İşık A, Arı N., Ozansoy, G. Effects of chronically low-dose fluvastatin treatment in STZ-induced diabetic rats on vascular reactivity of aorta. *XIV. International Symposium on Atherosclerosis (ISA 2006), 18-22 June, 2006, Roma, Italy, Atherosclerosis suppl. 7(3), 2006.*
- Ceylan-İşık, A., Erdoğan –Tulmaç, O.B., Arı, N., Ozansoy, G. Effects of 17beta-estradiol treatment on vascular reactivity of ovariectomized rats. *Annual Meeting of The European Association for the study of*



*Diabetes (EASD), Copenhagen & Malmo –Denmark-Sweden, 2006, Sept. Diabetologia 49(suppl1) p754-755, 2006.*

- Yulek F, Or M, Özogul C, Ceylan A, Ari N, Stefek M, Karasu C. Potential therapeutic effect of stobadine and vitamin E in long-term experimental diabetic retinopathy. *Farmakologia, 56. Farmakologické dni 2006 v Bratislave, Abst. Book p 54, 2006.*
- Ceylan-Işık, A., Erdoğan-Tulmaç, O.B., Ari, N., Ozansoy, G. Effects of estrogen replacement therapy on tissue antioxidants status of ovariectomized and diabetic rats. *Annual Meeting of The European Association for the study of Diabetes (EASD), Amsterdam, Holland, 2007, Sept. 18-21, Diabetologia, 50 (suppl.1): S281-82, 2007.*
- Cumaoglu A., Çevik Ç., Kavutçu M., Arı N., Bağrıaçık Ü., Rackova L., Karasu C., Experimental diabetes treated with stobadine effect on kidney Oxidative/nitrosative stress parameters. *Annual Meeting of The European Association for the study of Diabetes (EASD), Amsterdam, Holland, 2007, Sept. 18-21, Diabetologia, 50 (suppl.1): S456, 2007.*
- Belder N., Belder M., Ozansoy, G, Ari, N. Short-term rosiglitazone treatment decreases expression of receptors for advanced glycation end products (RAGE) and proinflammatory cytokines in aortic tissue from AGE-injected rats. *European Pharmacology Congress (EPHAR), 13-17 July 2008, Manchester, UK. Fund Clin Pharmacol 22(suppl 2):101, p192, 2008.*
- Arıcıoğlu A., Ozansoy, G, Ceylan-Işık, A., Cumaoglu A, Yüksel E., Akhayeva T., Karasu Ç., Aktan F., Arı N. Effects of low dose statin therapy on diabetic ventricular myocyte dysfunction in mouse. *5<sup>th</sup> Int. Congress on Cardiovascular Disease (ICC-2009), June 4-7, 2009, Kosice, Slovak Republic, Abst Book, P12., 2009.*
- Yapar E.G., Yapar E.A., Arı N., Mollamahmutoğlu I, Haznedaroğlu IC. *In vivo* hemostatic effect of Ankaferd Blood Stopper in rat abdominal bleeding model. *ISOPS-9 Int Symp Pharm Sci, June 23-26, 2009, Ankara, Abst Book, p108, 2009.*
- Ulusoylar Ş, Ceylan-Işık A, Arı N. Ozansoy G. The investigation of effects of combination of hormone replacement therapy with atorvastatin on vascular functions of ovariectomized rats. *Gyn Endocrinol 24 (Suppl.1):145, 2008.*
- Irat, AM., Cumaoglu, E. Yuksel, T. Akhayeva, C. Karasu, A. Arıcıoğlu, G. Ozansoy, N. Arı. Effects of low-dose, long-term fluvastatin treatment on oxidative/antioxidative parameters in the pancreas and heart from streptozotocin-induced diabetic rats. *45<sup>th</sup> Annual Meeting of The European Association for the Study of Diabetes (EASD), Vienna, Austria, 2009, Sept. 29 - Oct 02, Diabetologia, 52 (suppl.1): p1254, 2009.*
- Ozansoy G, Ulusoylar Ş, Akhayeva T, Ceylan-Işık A, Erdoğan-Tulmaç Ö, Arı N. Comparison of effect of estrogen / HRT and atorvastatin treatment on endothelium dependent relaxation in ovariectomized rats. *ICCAD 2009: Coronary Artery Disease Congress 11-14 Oct 2009, Prague, Czech Republ, 2009.*
- Cumaoglu A, Irat AM, Karasu Ç, Arıcıoğlu A., Ozansoy G, Arı N. Oxidative stress parameters in kidney from streptozotocin diabetic rats. Effects of low-dose and long-term fluvastatin treatment. *Free Radical Research European Meeting, 2009, 26-29 Aug, Rome, Italy. Free Rad Res, 43:84(Suppl. 1), 2009 (poster).*
- Ozansoy G, Akhayeva T, Arı N. Acute effects of estrogen agonists on vascular reactivity of diabetic ovariectomised rats. *46<sup>th</sup> Annual Meeting of the European Association of Diabetes (EASD), 20-24 Sept, Stockholm, Sweden. Diabetologia 53(Supl), p298, 2010 (poster).*
- Sakul A, Cumaoglu A, Aydın E, Arı N, Dilsiz N, Karasu Ç. Diabetes aggravates oxidative stress and protein modification in tissues of aged rats: Results of treatment with pyridoinole antioxidant SMe1EC2. *MMC 2012 (International Molecular Medicine Conference), Bangkok, Thailand, Dec 19-22, 2012. Siriraj Med J. 6(Suppl 2), p64, 2012. (poster)*
- Tarhan N, Tufan C, Fidan Y, Aydın A, Arı N, Ozansoy G. Potential effects of flaxseed on metabolic and oxidative stress parameters in diabetic rats. *World Diabetes Congress (IDF), 2-6 Dec, 2013, Melbourne, Australia, Congress CD, (poster)*
- Gok M, Ulusu NN, Tarhan N, Tufan C, Ozansoy G, Arı N, Karasu Ç. Flaxseed protects against glucotoxicity: Amelioration of pentose phosphate pathway and glutathione-dependent enzyme activities in the brain, lung, pancreas and eye-lens of STZ-diabetic rats. *XVIII Congress of the Portuguese Biochemical Society (SPB), 17th-20th December 2014; Coimbra, Portuguese. (poster)*
- Bacanlı M, Aydın S, Gül Anlar H, Çal T, Arı N, Bucurgat ÜÜ, Başaran AA, Başaran N “Effects of D-limonene against complications of diabetes in rats” *2nd GPSS (2nd Int Gazi Pharma Symposium Series) 11-13 Oct 2017 Ankara, Abst book, p49 (oral)*
- Aydın S, Bacanlı M, Gökteş HG, Bucurgat ÜÜ, Arı N, Basaran AA, Basaran N. Antigenotoxic effects of Pycnogenol in diabetic rats. *Toxicology Letters Vol 280, Supl 1, P S88 (20 October 2017) (poster)*