

CURRICULUM VITAE and LIST OF WORKS

RESUME

Name Surname: KADİR OKHAN AKIN

Title: Professor Doctor

Date of Birth: January 17, 1969

Education status:

Degree	Department / Program	University	Year
Undergraduate	Faculty of Medicine	Akdeniz University	1987-1993
Specialization	Biochemistry and Clinical Biochemistry	Ankara Numune Training and Research Hospital	1996-2000
PhD	Clinical Biochemistry	Gazi University	2002-2009
Associate professor	Clinical Biochemistry	Ankara Keçiören Training and Research Hospital	2011
Full professor	Clinical Biochemistry	İstinye University	2016

Master Thesis Title and Thesis Advisor(s):

Medical Specialty Thesis Title and Advisor(s):

"Assessment of Bone Metabolism in Patients with Type 2 Diabetes Mellitus with Biochemical Markers and Densitometry"

Advisor: Ankara Numune Training and Research Hospital

I. Biochemistry Clinical Supervisor: Ali Güçtekin

PhD Thesis Title and Advisor(s):

"Comparison of Effects of Thioredoxin and L-Name on Hepatic Damage in Experimental Liver Ischemia / Reperfusion Model"

Advisor: Prof. Dr. Nedret KILIÇ, Gazi University, Faculty of Medicine, Department of Clinical Biochemistry

Work experience:

Position Title	Location	Year
General practitioner	Kırşehir State Hospital	1994-1995
General practitioner	Aydınlar Health Center, Kaman, Kırşehir	1995-1996
General practitioner	Ahiboz Health Center, Gölbaşı, Ankara	1996-1996
Specialist assistant	Department of Biochemistry and Clinical Biochemistry, Ankara Numune Training and Research Hospital	1996-2000
Specialist Doctor	T. C. Ministry of Health, Ankara Zübeyde Hanım Maternity Hospital	2000-2005
Specialist Doctor	T. C. Ministry of Health, Ankara Kecioren Training and Research Hospital	2005-2011
Associate professor	T. C. Ministry of Health, Ankara Kecioren Training and Research Hospital	2011-2013
Associate professor	T. C. Ministry of Health, Ankara Atatürk Training and Research Hospital	2013-2014
Associate professor	Ankara Medical Park Hospital	2014-.....
Associate professor	Medical Park Hospitals Group, Medical Laboratory Director	2014-.....
Associate professor	Medical Park, Ankara Hospital, Medical Director	2015-.....
Associate professor	Medical Park, Ankara Hospital, General Manager	2016-

Supervised Master Thesis:

Supervised Ph.D. Thesis / Proficiency in Art Studies:

Roles in projects:

The effects of thioredoxin and L-NAME on liver damage in experimental liver ischemia /reperfusion model, Gazi University Scientific Research Project, SBE-01-2005-58, Assistant Researcher, 2005.

Administrative Roles:

Biochemistry Laboratory Responsible Officer	T. C. Ministry of Health Ankara Zübeyde Hanım Maternity Hospital	2000-2005
Central Laboratory Responsible Officer	T. C. Health Ankara Keçiören Training and Research Hospital	2005-2012
Quality Council Membership	T. C. Ministry of Health Ankara Keçiören Training and Research Hospital	2006-2012
Vice Chairman, Local Ethics Committee	T. C. Ministry of Health Ankara Keçiören Training and Research Hospital	2007-2009
Ankara Number 1 Clinical Research Ethics Committee President	T. C. Ministry of Health General Directorate of Pharmaceuticals and Pharmacy	2009-2010
Board Member	Turkish Biochemistry Association	2008-2010
President, Kecioren Training and Research Hospital Ethical Committee for Clinical Investigations	T. C. Ministry of Health Drug and Pharmacy General Directorate	2012-.....
e-Laboratory Scientific Advisory Board Member	Ministry of Health General Directorate of Treatment Services	2012-.....
Laboratory Coordinator	Ankara 2nd District Public Hospital Association	2013-.....
Member of Task Force on Ethics	IFCC	2014-.....

Memberships in Scientific Organizations:

Turkish Biochemistry Association, Board Member

Association of Clinical Biochemistry Experts

Clinical Biochemistry Association

American Association for Clinical Chemistry (AACC)

International Federation of Clinical Chemistry (IFCC)

Awards:

- 1. TÜBA, Turkey Academy of Sciences, University Textbook Author Copyright and Translation Award, Honorable Mention 2008 Year of Health Sciences**
- 2. Akin, K.O.**, "Preface", Lehninger, Principles of Biochemistry, Translated by Ed. Dr. Nedret Kılıç, Palme Publishing, 2005.
- 3. Best oral presentation prize**
Akyürek, N., Salman, B., Irkören, O., Tezcaner, T., Erdem, O., Akyol, G., Akca, G., Sultan, N., Akin, O. and E. Tatlıcioğlu, Effect of PAF antagonist BN 5 2021 on ICAM-1 and bacterial translocation in rats with obstructive sleep apnea", National Surgical Congress 2004, Turkish Society of Surgery, 26-30, May 2004, Antalya.
- 4. Dr. Feriha Tat and Prof. Dr. A. Lütfü TAT Research Award**
Karadağ, A.S., Ertugrul, D.T., Tatal, E. Ve **Akin, K.O.** "Short term isotretinoin treatment decreases insulin-like growth factor binding protein-3 levels: does isotretinoin affect growth hormone physiology?", Br J Dermatol, 162(4):798-802.
- 5. Poster Research Second Prize**
"Immunoregulatory Effects of Isotretinoin Treatment in Acne Vulgaris Patients", XX, K., Karadağ, A.S., Ertuğrul, D.T., Bilgili, S.G., Takcı, Z., Akin, K.O. Lütfü Tat Symposium, 16-20 November 2011, Antalya
- 6. Poster Research First Prize**
Karadağ, A.S., Ertuğrul, D.T., Tatal, E. and **Akin, K.O.** "Does isotretinoin Treatment in Acne Vulgaris Patients Affect Vitamin D Physiology and Bone Metabolism? A Prospective Study", XXIII. National Dermatology Congress 2010, Turkish Dermatology Association, 19-23 October 2010, Belek, Antalya.
- 7. Poster Research First Prize**
Akin K.O., Sönmez Ç, Kösem A, Sevinç E, Sarıyıldız O, Parpucu M, Doğusan A.H., Mercan S. "Comparison of the laboratories of health facilities affiliated to Ankara 2nd Regional public hospital association". 25th National Biochemistry Congress, Izmir [25th National Biochemistry Congress, Izmir / TURKEY]

Undergraduate and graduate level courses in the last two years (If opened, lectures given during summer semester will be added to the table):

Academic Year	Semester	Name of the course	Weekly hours		Nr of students
			Theory	Practicals	
2016 - ...	Fall				
	Spring	Medical Biochemistry	4	-	75

PUBLICATIONS

A. Internationally peer-reviewed journals:

The articles published in the journals covered by the Science Citation Index (SCI), the SCI Expanded, the Social Science Citation Index (SSCI) and the Arts & Humanities Citation Index (AHCI) (including reviews)

- Hizli, S., Abaci, A., Ozdemir, O., Akelma, Z., **Akin, O.** "Relation of fetuin A levels with cardiac, subcutaneous lipid accumulation and insulin resistance parameters in Turkish obese children". Journal Of Pediatric Endocrinology & Metabolism, 2016; Volume: 29, Issue: 6, Pages: 669-673.
- Ispir, E., Serdar, M.A., Ozgurtas, T., Gulbahar, O., **Akin, K.O.**, Yesildal, F., Kurt, I. "Comparison of four automated serum vitamin B12 assays". Clin Chem Lab Med, 2015; Volume: 53, Issue: 8, 1205-1213.
- Deveci, O.S., Yavuz, B., Sen, O., Deniz, A., Ozkan, S., Dal, K., Ata, N., Baser, S., **Akin, K.O.**, Kucukazman, M., Beyan, E., Ertugrul, D.T. "Assessment of insulin-like growth factor-1 (IGF-I) level in patients with rheumatic mitral stenosis". Cardiol Young, 2015; 25(3): 496-500.
- Takci, Z., Tekin, O., Ertugrul, D.T., Karadag, A.S., Akin, K.O. "A case-control study: evaluation of vitamin D metabolism in patients with vitiligo". Turk J Med Scien, 2015, Volume: 45, Issue: 4, 837-841.
- Ata, N., Dal, K., Küçükazman, M., Yeniova, A.Ö., Karakaya, S., Ünsal, O., Dagdeviren, M., **Akin, K.O.**, Baser, S., Beyan, E., Ertuğrul, D.T., "The effect of glycemic control on CEA, CA 19-9, amylase and lipase levels" Open Medicine, 2015; 10(1), 8-13

6. Ozarda, Y., Ichihara, K., Aslan, D., Aybek, H., Ari, Z., Taneli, F., Coker, C., Akan, P., Sisman, A.R., Bahceci, O., Sezgin, N., Demir, M., Yucel, G., Akbas, H., Ozdem, S., Polat, G., Erbagci, A.B., Orkmez, M., Mete, N., Evliyaoglu, O., Kiyici, A., Vatanssev, H., Ozturk, B., Yucel, D., Kayaalp, D., Dogan, K., Pinar, A., Gurbilek, M., Cetinkaya, C.D., **Akin, O.**, Serdar, M., Kurt, I., Erdinc, S., Kadicesme, O., Ilhan, N., Atali, D.S., Bakan, E., Polat, H., Noyan, T., Can, M., Bedir, A., Okuyucu, A., Deger, O., Agac, S., Ademoglu, E., Kaya, A., Nogay, T., Eren, N., Dirican, M., Tuncer, G., Aykus, M., Gunes, Y., Ozmen, S.U., Kawano, R., Tezcan, Sç, Demirpence, O., Degirmen, E. "A multicenter nationwide reference intervals study for common biochemical analytes in Turkey using Abbott analyzers". Clin Chem Lab Med. 2014; 52(12):1823-33.
7. Yeniova, A.O., Küçükazman, M., Ata, N., Dal, K., Kefeli, A., Başığit, S., Aktaş, B., Ağladioğlu, K., **Akin, K.O.**, Ertugrul, D.T., Nazlıgöl, Y., Beyan, E. "High-sensitivity C-reactive protein is a strong predictor of non-alcoholic fatty liver disease." Hepato-gastroenterology. 2014; 61(130):422-425
8. Yeniova, O.Y., Kucukazman, M., Ata, N., Dal, K., Kefeli, A., Basyigit, S., Aktas, B., **Akin, K.O.** and Nazlıgöl, Y. "The relationship between Helicobacter pylori and Beta-2 Microglobulin in Humans". Biomed Res International. Biomed Res Int, 2014;615089. doi: 10.1155/2014/615089.
9. Dal, K., Ata, N., Yavuz, B., Sen, O., Deveci, O.S., Aksoz, Z., Yildirim, A.M., Uygungelen, B., Akin, K.O. et al. "The relationship between glycemic control and BNP levels in diabetic patients". Cardiology Journal. 2014, Volume 21, Issue 3, 252-256.
10. Küçükazman, M., Ata, N., Dal, K., Yeniova, A.O., Kefeli, A., Basyigit, S., Aktas, B., **Akin, K.O.**, Ağladioğlu, K., Üre, O.S., Topal, F., Nazlıgöl, Y., Beyan, E., Ertugrul, D.T., "The association of vitamin D deficiency with non-alcoholic fatty liver disease". Clinics, 2014; 69(8):542-546.
11. Gur, G.A., Abaci, A., Koksoy, A.Y., Anik, A., Catli, G., Kislal, F.M., **Akin, K.O.**, Andiran, N. "Incidence of maternal vitamin D deficiency in a region of Ankara, Turkey: a preliminary study". 2014, Turk J Med Scien. Vol 44, Issue 4, 616-623
12. Aksu, F., Capan, N., Aksu, K., Ofluoglu, R., Canbakan, S., Yavuz, B., **Akin, K.O.**, "C-reactive protein levels are raised in stable Chronic obstructive pulmonary disease patients independent of smoking behavior and biomass exposure". J Thorac Dis. 2013; 5(4): 414-21.
13. Karakan, T., Kerem, M., Cindoruk, M., Engin, D., Alper, M., **Akin, O.**, "PPAR-alpha agonist treatment increases trefoil factor family-3 expression and attenuates apoptosis in the liver tissue of bile duct-ligated rats". Turk J Gastroenterol. 2013; 24(2): 134-40.
14. Akelma, A.Z., Celik, A., Ozdemir, O., Kavak, Akelma, F., Abaci, A., Razi, C.H., Kislal, F.M., **Akin, O.** "Neuron-specific enolase and S100B protein in children with carbon

- monoxide poisoning: children are not just small adults". *Am J Emerg Med.* 2013; 31(3): 524-8.
15. Ertugrul, D.T., Karadag, A.S., Takci, Z., Bilgili, S.G., Ozkol HU, Tatal, E., **Akin, K.O.** "Serum holotranscobalamine, vitamin B12, folic acid and homocysteine levels in alopecia areata patients". *Cutan Ocul Toxicol.* 2013; 32(1): 1-3.
 16. Razi, C.H., Akelma, A.Z., **Akin, O.**, Kocak, M., Ozdemir, O., Celik, A., Kislal, F.M. "Hair zinc and selenium levels in children with recurrent wheezing". *Pediatr Pulmonol.* Dec 2012; 47(12): 1185-91.
 17. Serdar, M., Sertoglu, E., Uyanik, M., Tapan, S., Akin, K., Bilgi, C., Kurt, İ. "Comparison of 8-hydroxy-2'-deoxyguanosine (8-OHdG) levels using mass spectrometer and urine albumin creatinine ratio as a predictor of development of diabetic nephropathy". *Free Radical Research*, 2012; Volume 46 (10): 1291-1295
 18. Yavuz, B., Sen, O., Deveci, O.S., **Akin, K.O.**, Dal, K., Ata, N., Ertugrul, D.T. "Serum 25-hydroxyvitamin D levels are correlated with mitral valve calcification score in patients with rheumatic mitral stenosis." *J Heart Valve Dis.* 2012 Sep;21(5):570-5.
 19. Karadag, A.S., Ertugrul, D.T., Bilgili, S.G., Takci, Z., **Akin, K.O.**, Calka, O. "Immunoregulatory effects of isotretinoin in patients with acne". *Br J Dermatol.* 2012; 167(2): 433-5.
 20. Serdar, M.A., Akin, B.S., Razi, C., **Akin, O.**, Tokgoz, S., Kenar, L., Aykut, O. "The correlation between smoking status of family members and concentrations of toxic trace elements in the hair of children". *Biol Trace Elem Res.* Jul 2012; 148(1):11-7.
 21. Akelma, A.Z., Abaci, A., Ozdemir, O., Celik, A., Avci, Z., Razi, C.H., Hizli, S., **Akin, O.** "The association of serum lipocalin-2 levels with metabolic and clinical parameters in obese children: a pilot study". *J Pediatr Endocrinol Metab.* 2012; 25(5-6): 525-8.
 22. Abacı, A., Akelma, A.Z., Özdemir, O., Hızlı, Ş., Razi, C.H., **Akin, K.O.**, "Relation of total homocysteine level with metabolic and anthropometric variables in obese children and adolescents" *Turk J Med Sci*, 2012; 42(1), 69-76.
 23. Kucukazman, M., Ata, N., Yavuz, B., Dal, K., Ertugrul, D.T., Yalcin, A.A., Deveci, O.S., Sen, O., **Akin, K.O.**, Cizmeci, Z., Sacikara, M., Nazligul, Y. "Elevation of B-type natriuretic peptide level in asymptomatic hepatitis B virus-positive patients is not associated with abnormalities of cardiac function". *Med Princ Pract.* 2012; 21(2): 150-5.
 24. Razi, C.H., **Akin, K.O.**, Harmanci, K., Ozdemir, O., Abaci, A., Hizli, S., Renda, R., Celik, A. "Relationship between hair cadmium levels, indoor ETS exposure and wheezing frequency in children". *Allergol Immunopathol (Madr).* Jan-Feb 2012; 40(1): 51-9.

25. Karadag, A.S., Tatal, E., Ertugrul, D.T., **Akin, K.O.**, Bilgili, S.G., "Serum holotranscobalamine, vitamin B12, folic acid and homocysteine levels in patients with vitiligo". *Clin Exp Dermatol.* 2012; 37(1): 62-4.
26. Deveci, O.S., Yavuz, B., Sen, O., **Akin, K.O.**, Dal, K., Ata, N., Ertugrul, D.T., Tokatlı, A. "Serum IGF-I levels are correlated with mitral valve calcification score in patient with rheumatic mitral stenosis", *International Journal of Cardiology*, 2012; 155(1), 123-124.
27. Citirik, M., Kabatas, E.U., Batman, C., **Akin K.O.**, Kabatas, N., "Vitreous vascular endothelial growth factor concentrations in proliferative diabetic retinopathy versus proliferative vitreoretinopathy". *Ophthalmic Res.* 2012; 47: 7-12.
28. Karadag, A.S., Tatal, E., Ertugrul, D.T., **Akin, K.O.** "Effect of isotretinoin treatment on plasma holotranscobalamin, vitamin B12, folic acid, and homocysteine levels: non-controlled study". *Int J Dermatol.* 2011; 50(12): 1564-9.
29. Karadag, A.S. Ertugrul, D.T., Tatal, E., **Akin, K.O.** "The role of anemia and vitamin D levels in acute and chronic telogen effluvium". *Turk J Med Sci.* 2011; 41 (5): 827-833
30. Sahin, I., Aydin, S., Ozkan, Y., Dagli, A.F., **Akin, K.O.**, Guzel, S.P., Catak, Z., Ozercan, M.R. "Diet-induced obesity suppresses ghrelin in rat gastrointestinal tract and serum". *Mol Cell Biochem.* 2011; 355(1-2): 299-308
31. **Akin, O.K.**, Serdar, M.A., Cizmeci, Z., Genc, O. "Evaluation of specimens in which the urine sediment analysis was conducted by full-automatic systems and a manual method together with urine culture results" *Afr J microbiol Res*, 2011;5(15), 2145-2149.
32. Serdar, M.A., Sertoğlu, E., Uyanık, M., Tapan, S., **Akin, O.**, Cihan, M. "Determination of 5-fluorouracil and dihydrofluorouracil levels by using a liquid chromatography-tandem mass spectrometry method for evaluation of dihydropyrimidine dehydrogenase enzyme activity". *Cancer Chemother Pharmacol.* 2011; 68(2): 525-9.
33. Ata, N., Kucukazman, M., Yavuz, B., Bulus, H., Dal, K., Ertugrul, D.T., Yalcin, A.A., Polat, M., Varol, N., **Akin, K.O.**, Karabag, A., Nazligul, Y. "The metabolic syndrome is associated with complicated gallstone disease". *Can J Gastroenterol.* 2011; 25(5): 274-6.
34. Razi, C.H., **Akin, O.**, Harmanci, K., Akin, B., Renda, R. "Serum heavy metal and antioxidant element levels of children with recurrent wheezing". *Allergol Immunopathol (Madr)* 2011; 39(2): 85-9.
35. Ertugrul, D.T., Karadag, A.S., Tatal, E., **Akin, K.O.** "Therapeutic hotline. Does isotretinoin have effect on vitamin D physiology and bone metabolism in acne patients?" *Dermatol Ther.* 2011; 24(2): 291-5.

36. Ertugrul, D.T., Karadag, A.S., Tural, E. And **Akin, K.O.** "Isotretinoin does not induce insulin resistance in patients with acne", *Clinical Dermatology*, 2011; 36(2): 124-8.
37. Karadag, A.S., Ertugrul, D.T., Tural, E., **Akin, K.O.** "Isotretinoin influences pituitary hormone levels in acne patients". *Acta Derm Venereol.* 2011; 91(1): 31-4.
38. Ertugrul, D.T., Yavuz, B., Cil, H., Ata, N., **Akin, K.O.**, Kucukazman, M., Yalcin, A.A., Dal, K., Yavuz, B.B. ve E. Tural. "STATIN-D Study: Comparison of the Influences of Rosuvastatin and Fluvastatin Treatment on the Levels of 25 Hydroxyvitamin D," *Cardiovasc Ther*, 2011; 29(2), 146-52.
39. Findik R.B., Hascelik, N.K., **Akin, K.O.**, Unluer, A.N., Karakaya, J. "Striae gravidarum, vitamin C and other related factors". *Int J Vitam Nutr Res.* 2011; 81(1): 43-8.
40. Aydin, S., Donder, E., **Akin, O.K.**, Sahpaz, F., Kendir, Y. And M.M. Alnema. "Fat-free milk as a therapeutic approach for constipation and the effect on serum motilin and ghrelin levels,". *Nutrition* 2010; (26), 981-985.
41. Karadag, A.S., Yavuz, B., Ertugrul, D.T., **Akin, K.O.**, Yalcin, A.A., Deveci, O.S., Ata, N., Kucukazman, M. And K. Dal. "Is Psoriasis a pre-atherosclerotic disease? Increased İnsulin Resistance and Impaired Endothelial Function in Patients with Psoriasis," *İnter J Dermatol*, 2009; 49, 642-646.
42. Ertuğrul, D.T., Tural, E., Yıldız, M., **Akin, O.**, Yalcin, A.A., Ure, O.S., Yilmaz, H., Yavuz, B., Deveci, O.S., Ata, N. ve M. Kucukazman. "Aspirin Resistance Is Associated with Glycemic Control, The Dose of aspirin, and Obesity in Type 2 Diabetes Mellitus," *J Clin Endocrin Metab*, 2010; 95(6), 2897-2901.
43. Karadag, A.S., Ertugrul, D.T. Tural, E. And **K.O. Akin.** "Short-term isotretinoin treatment decreases insulin-like growth factor-1 and insulin-like growth factor binding protein-3 levels: does isotretinoin affect growth hormone physiology," *Br J Dermatol*, 2010; 162(4), 798-802.
44. Ertuğrul, D.T., Yavuz, B., **Akin, O.K.**, Yalcin, A.A., Tural, E., Ata, N., Yıldız, M., Kucukazman, Algul, B., Dal, K., Deveci, O.S. ve E. Tural. "An Obesity Drug Sibutramine Reduces Brain Natriuretic Peptide (BNP) Levels in Severely Obese Patients," *Clinical Practise* 2010; 64(4), 518-522.
45. Akdemir, N., Cinemre, H., Bilir, C. And **Akin, O.** "Increased Serum Asymmetric Dimethylarginine Levels in Primary Dysmenorrhea," *Gynecol Obstet Invest*, 2010; 69, 153-156.
46. **Akin, K.O.**, Kılıç, N., Salman, B., Yılmaz, T.U., Serdar, M.A. ve G. Şimşek. "The Effects of Thioredoxin and L-NameE on Hepatic Damage in the Experimental Liver Ischemia/Reperfusion model: Can a Cumulative Effect Be Obtained?," *Türk Biyokimya Dergisi* 2010; 35, 300-306.

47. Ertuğrul, D.T., Yavuz, B., Ata, N., Yalcin, A.A., Kucukazman, M., Algul, B., Dal, K., **Akin K.O.**, Deveci, O.S., Canbolat, N., Ure, O.S. ve E. Tural. "Decreasing Brain Natriuretic Peptide Levels after Treatment for Hyperthyroidism," *Endocrine Journal*, 2009; 56(9), 1043-1048.
48. Yavuz, B., Ertugrul, D.T., Cil, H., Ata, N., **Akin, K.O.**, Yalcin, A.A., Kucukazman, M., Dal, K., Hokkaomeroglu, M.S., Yavuz, B.B. and E.Tural. "Increased Levels of 25 Hydroxyvitamin D and 1,25-Dihydroxyvitamin D After Rosuvastatin Treatment: A Novel Pleiotropic Effect of Statins?", *Cardiovasc Drug Ther*, 2009; 23, 295-299.
49. **Akin, O.K.**, Serdar, M.A., Cizmeci, Z., Genc, O. ve S. Aydın, "Comparison Of Labumat With Urised And IQ200 Fully Automatic Urine Sediment Analysers With Manuel Urine Analysis," *Biotechnol Appl Biochem*, 2009; 53, 139-144.
50. Kucukazman, M., Yavuz, B., Sacikara, M., Asliturk, Z., Ata, N., Ertugrul, D.T., Yalcin, A.A., Yenigun, E.C., Kizilca, G., Okten, H., **Akin, K.O.** ve Y. Nazligul, "The Relationship Between Updated Sydney System Score And LDL Cholesterol Levels in Patients Infected with *Helicobacter pylori*", *Dig Dis Sci*, 2009; 54(3), 604-607.
51. Serdar, M.A., Bakir, F., Hasimi, A., Celik, T., **Akin, O.**, Kenar, L., Aykut, O. ve M. Yildirimkaya, "Trace and Toxic Element Paterns in nonsmoker Patient with Noninsulin-Dependent Diabetes Mellitus, İmpaired Glucose Tolerance, and Fasting Glucose," *İnt. J. Diab Dev Ctries*, 2009; 29(1), 35-40.
52. Ertugrul, D.T., Yavuz, B., Yalcin, A.A., Kucukazman, M., Ata, N., Yenigun, E.C., Kizilca, G., **Akin, K.O.** ve Y. Nazligul, "Hashimoto's Thyroiditis is a Frequent Occurence in Patient with Rheumatic Mitral Stenosis", *J. Heart Valve Dis*, 2008; 17(6), 635-638.
53. Basgut, B., Aypar, E., Basgut, E., **Akin K.O.**, Kılıc, N. ve I. Cakici, "The Mechanism Of The Late Preconditioning Effect Of 3-Nitropropionic Acid," *Arch Pharm Res*, 2008; 31(10), 1257-1263.
54. Dirican, E.K., Ozgun, O.D., Akarsu, S., **Akin, K.O.**, Ercan, O., Ugurlu, M., Camsarı, C., Kanyılmaz, O., Kaya, A. ve A. Unsal, "Clinical Outcome Of Magnetic Activated Cell Sorting Of Non-Apopitotic Spermatozoa Before Density Gradient Centrifugation For Assisted Reproduction," *J. Assist Reprod Genet*, 2008; 25, 375-381.
55. Aydın, S., Ozkan, O., Erman, F., Gurates, B., Kılıc, N., Colak, R., Gundogan, T., Catak, Z., Bozkurt, M., **Akin, O.**, Sen, Y. ve I. Sahin, "Presence Of Obestatin İn Breast Milk: Relation Among Obestatin, Ghrelin, And Leptin İn Lactating Women", *Nutrition*, 2008; 24, 689-693.
56. Salman, B., Kerem, A., Bedirli, A., Katircioglu, H., Ofluoglu, E., **Akin, O.**, Onbasilar, I., Ozsoy, S. ve R. Haziroglu, "Effect of *Cholerella* sp. Microalgae Extract on Colonic Anastomosis in Rats with Protein-Energy Malnutrition," *Colorectal Disease*, 2007; 10, 469-478.

57. Aydin, S., Guzel, S.P., Kumru, S., Aydin, A., **Akin, O.**, Kavak, E., Sahin, İ., Bozkurt, M. ve İ. Halifeoglu, "Serum Leptin and Ghrelin Concentrations of Maternal Serum, Arterial and Venous Cord Blood in Healthy and Preeclamptic Pregnant Women," *J. Physiol Biochem*, 2008; 64(1), 51-60.
58. Aydin, S., Barim, O.A. ve O. Akin, "Ghrelin and Leptin Concentrations in Obsessive-Compulsive Disorder: Commentary," *Prog Neuropsychopharmacol Biol Psychiatry*, 2008; 32(2), 601.
59. Emre, A., Bayram, O., Salman, B., Ercan, S., Anadol, Z. ve **O. Akin** "Sodium Nitroprusside as a Nitric Oxide Donor in Rat Intestinal Ischemia-Reperfusion Model," *Clinics*, 2008; 63(1), 91-96.
60. Cindoruk, M., Kerem, M., Karakan, T., Salman, B., **Akin, O.**, Alper, M., Erdem, O. ve S. Unal, "Peroxisome Proliferators-Activated Alpha Agonist Treatment Ameliorates Hepatic Damage in Rats with Obstructive Jaundice: an Experimental Study," *BMC Gastroenterology*, 2007; 7, 44.
61. Aydin, S., Ozercan, İ.H., Daglı, F., Aydin, S., Dogru, O., Celebi, S., **Akin, O.** ve S.P. Guzel, "Ghrelin Immunohistochemistry of Gastric Adenocarcinoma and Mucoepidermoid Carcinoma of Salivary Gland," *Biotechnic Histochemistry*, 2005; 80(3-4), 163-168.
62. Ertugrul, D.T., Karadag, A.S., Tural, E. And **Akin, K.O.** "The role of anemia and vitamin D levels in **acute** and chronic telogen effluvium". *Türk Sağlık Bilimleri Dergisi, Turk J Med Sci* 2011; 41 (5): 827-833.
63. Akyürek, N., Salman, B., İrkörücü, O., Tezcaner, T., Azılı, C., Erdem, O., Akca, G., **Akin O.** ve E. Tatlicioglu, "The Effect of Platelet Activating Factor Antagonist BN 52021 on Bacterial Translocation and ICAM-I Expression in Experimental Obstructive Jaundice," *J. Invest Surg*, 2005; 18, 247-256.
64. **Akin, O.**, Göl, K., Aktürk, M. ve S. Erkaya, "Evaluation of Bone Turnover in Postmenopausal Patient with Type 2 Diabetes Mellitus Using Biochemical Markers and Bone Mineral Density Measurements," *Gynecol Endocrinol*, 2003; 17, 19-29.

Full-text articles published by the Institute for Scientific Information (ISI) and published in internationally indexed journals outside the scope of SCI, SCI Expanded, SSCI, and AHCI (including reviews)

1. Yeniova, O.Y., Kucukazman, M., Ata, N., Dal, K., Kefeli, A., Bulus, H., **Akin, K.O.**, Ertugrul, D.T. and Nazlıgöl, Y. "Investigation of the association between mean platelet volume and Helicobacter pylori gastritis". *Af j Mic Res*. 2013; 7(20): 2179-2183
2. Komurcu, H. F., Kilic, N., Demirbilek, M. E. & **Akin, K. O.** (2016) Plasma levels of vitamin B12, epidermal growth factor and tumor necrosis factor alpha in patients with alzheimer dementia. *Int J Res Med Sci*, 4 (3), 734-738.

3. Simsek, G.G., Kılıc, M., Oguztuzun, O., Karahan, S., **Akın, K.O.**, Kılıc, N., Salman, B., Yılmaz, T.U., Serdar, M.A. "Evaluation of immunohistochemical expression of GSTA1 and GSTP1 isoenzymes before and after treatment of Trx and L-NAME in experimental hepatic ischemia/reperfusion model". FABAD J Pharm Sci. 2012; 37: 23-30.
4. Demirbilek, M.E., Nedret, K., Komurcu, F. ve **K.O. Akin**, "Advance Oxidation Protein Product in Aged with Demantia," Am. J. Immunol, 2007; 3(2), 52-55.

B. Proceedings presented at international scientific meetings and published in the abstract books:

1. **Akın, O.**, Ankara Region Public Hospitals Association "Biochemistry, Microbiology and Genetic Laboratory Modeling and Procurement Processes" Clinical Biochemistry Experts Association International Participation Congress & Lab Expo, İzmir 2014
2. Sönmez, Ç., Güntaş, G., Öztürk Kaymak, A., Akkaya, N., **Akın, K.O.**, "Comparison of erythrocyte sedimentation rate of test-1 and automatic westwegren device with reference westergren method", IFCC WorldLab İstanbul,2014.
3. Koldaş, M., Serteser, M., **Akın, K.O.**, Sönmez, Ç., Gülbahar, Ö., Akbıyık, F., Yücel, D., Ünsal, İ., "Simple and easy method for the determination of estimated plasma glucose level from patients that enter hospital: an example of multicentric data mining", IFCC WorldLab İstanbul,2014.
4. Doğan, Ö., **Akın, K.O.**, "The relationship between estimated average glucose and fasting glucose", IFCC WorldLab İstanbul,2014.
5. Sonmez, C., Akkaya, N., **Akın, K.O.**, Kösem, A., Öztürk Kaymak, A., "Comparison of d-dimer testing with immuno-turbidometric and elfa method. Which method is useful for our laboratory?", IFCC WorldLab İstanbul,2014.
6. Sonmez, C., Babacan Duyar, A., Guntas, G., Öztürk Kaymak, A., Akkaya, N., **Akın, K.O.**, "The evaluation of the blood glucose level result that are obtained from point-of-care glucose measurement device and hexokinase method, with error grid analysis", IFCC WorldLab İstanbul,2014.
7. Sönmez, Ç., Akkaya, N., Kösem, A., **Akın, K.O.**, Öztürk Kaymak, A., "Can doctors' feedback and rational test-taking trainings reduce laboratory workload and laboratory expenditure? Pilot study on oncology training and research hospital", International Association of Clinical Biochemistry Experts International Congress & Lab Expo, Antalya 2013
8. **Akın, K.O.**, Sönmez, Ç., Sevinç, E., Sarıyıldız, O., Parpucu, M., Fırat, S., Murat, K., Altınoğlu, S., Toğral, Ö., Doğusan, A.R., Mercan, S., " Comparing the costs of immunoassay tests by purchasing method: how can cost heterogeneity be

- explained?" International Association of Clinical Biochemistry Experts International Congress & Lab Expo, Antalya 2013
9. **Akın, K.O.**, Sönmez, Ç., Sevinç, E., Sarıyıldız, O., Parpucu, M., Doğusan, A.R., Murat, K., Altınoğlu, S., Fırat, S., Toğral, Ö., Mercan, S., "Comparing the costs of biochemical tests by purchasing method: how can cost heterogeneity be explained?" International Association of Clinical Biochemistry Experts International Congress & Lab Expo, Antalya 2013
10. Kösem, A., **Akın, K.O.**, Sönmez, Ç., Doğusan, A.R., Sarıyıldız, O., Parpucu, M., Toğral, Ö., Murat, K., Fırat, S., Gücel, F., Öztürk Kaymak, A., Salancı, D., "Comparing the costs of urine testing in the health facilities of the Ankara 2nd Regional Public Hospitals Association according to laboratory purchasing and working methods: how can cost heterogeneity be explained?" International Association of Clinical Biochemistry Experts International Congress & Lab Expo, Antalya 2013
11. **Akın, K.O.**, Küçükazman, M., Dal, K., Ata, B., Serdar, M.A., Nazlıgül, Y., "Vitamin B12 and holotranscobalamin levels in patients with Helicobacter pylori infection" IFCC WorldLab Berlin, 2011.
12. Kislal, F., Celik, A., Kabakus, N., **Akın, O.**, Hızlı, S. "Influence of bilirubin on neonatal brain and predictive value of NSE and S-100B". Volume 86, Supplement, Pages S30–S31, November 2010
13. Serdar, M.A., Akın, B., **Akın, K.O.**, Razi, C., Aykut, O., Yıldırımkaaya, M., "Toxic element concentrations in hair of children show strong correlation with smoking status of family members" AACC Chicago, 2009
14. Dirican, E., Ozgun, O., Akarsu, S., **Akın, K.O.**, Ercan, O., Ugurlu, M., Camsari, C., Kanyılmaz, O. ve A. Kaya, "A Retrospective Comparative Analysis of Some Clinical and Embryological Parameters and Their Predictive Values for Obtaining Clinical Pregnancy," *The 11th World Congress on Contraversies in Obstetrics Gynecology Infertility*, Paris, Abstract book, 82A, 2008
15. Razi, C.H., Renda, R., Cörüt, N., **Akın, O.** ve G. Yılmaz, "Atopy in Children with Recurrent Wheezing," *Europaediatrics*, Istanbul, Volume 97(459), 83-84, Wiley-Blackwell, 2008.
16. Cizmeci, Z., Genc, O. ve **K.O. Akın**, "Prevalance of Microorganisms in Urinary Tract Infections," *AACC Annual Meeting*, Washington, Clinical Chemistry, 54(6), A62, 2008.
17. **Akın, K.O.**, Genc, O., Cizmeci, Z. ve M.A. Serdar, "Evaluating samples of urine sediment analysis from fully automated systems together with results of microbiological cultures," *AACC Annual Meeting*, Washington, Clinical Chemistry, 54(6), A67, 2008.

18. Serdar, M.A., Bakir, F., Hasimi, A., Celik, T., **Akin, O.**, Kenar, L., Aykut, O. ve M. Yıldırımkaaya, "Toxic Trace Element Pattern in Patients with Noninsulin Dependent Diabetes Mellitus (NIDDM), Impaired Glucose Tolerance (IGT) and Impaired Fasting Glucose (IFG)," *AACC Annual Meeting*, Washington, Clinical Chemistry, 54(6), A142, 2008.
19. Genc, O., Cizmeci, Z. ve **K.O. Akin**, "MEFV Gene Mutations Spectrum Among Turkish Patient Referred for Familial Mediterranean Fever," *AACC Annual Meeting*, Washington, Clinical Chemistry, 54(6), A159, 2008.
20. **Akin, K.O.**, Genc, O. ve Z. Cizmeci, "Plasma Homocystein, Superoxide Dismutase (SOD) and Total Antioxidant Status (TAS) Levels in Polycystic Ovary Syndrome," *11th Asian-Pacific Congress of Clinical Biochemistry*, Beijing, Chinese Medical J., 120(2), 207, 2007.
21. Genc, O., Cizmeci, Z. ve **K.O. Akin**, "Antimicrobial Susceptibility Profile of Extended-Spectrum B-Lactamase Producing Enterobacteriaceae Isolated from Uriner Tract İnfections," *11th Asian-Pacific Congress of Clinical Biochemistry*, Beijing, Chinese Medical J., 120(2), 223, 2007.
22. Cizmeci, Z., Genc, O. ve **K.O. Akin**, "Mutation in Coagulation Factors in Women with Recurrent Pregnancy Loss," *11th Asian-Pacific Congress of Clinical Biochemistry*, Beijing, Chinese Medical J., 120(2), 160, 2007.
23. Salman, B., Kerem, M., Bedirli, A., Katircioğlu, H., Ofluoglu, E., **Akin, O.**, Onbaşlar, I., Özsoy, S. ve R. Hazıroglu, "Effects of Cholera sp. microalgae extract on colonic anastomosis in rats with protein-energy malnutrition," *29th Congress of ESPEN*, Prague, Czech Republic, 8-11 Semptember, Clinical Nutrition, 2, Supplement 2, 110-111, Elsevier, 2007.
24. **Akin, K.O.**, Razi, C.H., Akin, B.S., ve G. Yılmaz, "Collating the Heavyy Metal Levels with Regular Controls in Children's Having Repeated Wheezing Disease," *14th Symposium on Envorimental Pollution and Its Impact on Life in the Mediterranean Region with Focus on Envoriment and Health*, Seville-Spain, 10-14 Ekim, Abstract Book, 95, 2007.
25. Yılmaz, G., **Akin, K.O.**, Akin, B.S. ve C.H. Razi, "Effect of Envorimental Cigarette Smoke (ECM) on Serum Vitamin (A,E,C) Levels of Babies," *14th Symposium on Envorimental Pollution and Its Impact on Life in the Mediterranean Region with Focus on Envoriment and Health*, Seville-Spain, 10-14 Ekim, Abstract Book, 98, 2007.
26. Kerem, M., Gürbüz, N., Salman, B., **Akin, O.**, Bostancı, H., Ekici, O. ve H. Pasaoglu, "The Producing Pancreatic Damage Depended On Dose Of Fention," *41st Congress of the European Society for Surgical Research (ESSR)*, Rostock,

- Germany May 17-20, European Surgical Research, 38, Supplement 1: 129, Karger, 2006.
27. Cindoruk, M., Karakan, T., Salman, B., Kerem, M., Ekici, O., **Akin, O.**, Akyol, G. ve S. Unal, "Fenofibrate reduces hepatic damage and cytokines response in experimental obstructive jaundice," *7th World Congress of IHPBA*, Edinburg, Scotland, 3-7 September, HPB, 226, Supplement 2, 107, Taylor and Francis, 2006.
28. Hosgor, B., Aypar, E., **Akin, K.O.**, Kılıc, N. ve C. Cakici, "Chemical Preconditioner 3-NP has No Antioxidant Effect," *15th World Congress of Pharmacology*, Beijing, China, 2-7 July, Acta Pharmacologica Sinica, 2006-July, Supplement 1, Blackwell Publishing, 165, 2006.
29. Salman, B., Parmaksız, D.A., Yılmaz, U., Seven, I., **Akin, O.** ve N. Turkozkan, "The role of free nitricoxide radicals-mediated damage in diagnosis of septic shock," *40th Congress of the European Society for Surgical Reserch (ESSR)*, Konya, Turkey, May 25-28, European Surgical Research, 37, Supplement 1, Karger, 108, 2005.
30. Basgut, B., Mutlu, E.A., **Akin, K.O.**, Nedret, K. ve İ. Cakici, "The Mechanism of The Late Preconditioning Effect of 3-Nitropropionic Acid in Rat Myocardium," *17th Annual Meeting of the Mediterranean Association of Cardiology and Cardiovascular Surgery*, Portoroz, Slovenia, 22-24 September, Scientific Medical Journal for Cardiovascular Medicine, vol II, supplement 1, Abstract book, 40, 2005.
31. Basgut, B., Mutlu, E.A., **Akin, K.O.**, Nedret, K. ve İ. Cakici, "The Late Preconditioning Effect of 3-Nitropropionic Acid in Rat Myocardium," *17th Annual Meeting of the Mediterranean Association of Cardiology and Cardiovascular Surgery*, Portoroz, Slovenia, 22-24 September, Scientific Medical Jornal for Cardiovascular Medicine, vol II, supplement 1, Abstract book, 40, 2005.
32. Akin KO, Kucukazman M, Dal K, Ata N, Salman B, Serdar MA, Nazligul Y. Vitamin B12 And Holotranscobalamin Levels In Patients With Helicobacter Pylori Infection. *clinical Chemistry And Laboratory Medicine* 2011 May 1 (Vol. 49, Pp. S631-S631). Genthiner Strasse 13, D-10785 Berlin, Germany: Walter De Gruyter & Co.
- 33.

C. Contributions to international books or book chapters:

D. Articles published in nationally-respected journals:

1. Kışlal, F.M., Sarıcı, D., Altuntaş, N., Çelik, A., **Akın, O.**, Koçak, M. Çelebi Tayfur, A. "Level of neuron-specific enolase and S-100B in the serum of neonates in early diagnosis of possible neurotoxic effects of hyperbilirubinemia", *Journal Of Turgut Ozal Medical Center*, 2015; 22(1), 3-7.
2. Sonmez, Ç., Duyar Babacan, A., Akkaya, N., Ozturk Kaymak, A., Sasmaz, G., **Akın, K.O.** "The evaluation of Accu-Chek Inform II® and Hexokinase Method in Emergency Departments for Glucose Measurement" *Gazi Medical Journal*, 2015;26:2, 56-59.
3. Sönmez, Ç., Güntaş, G., Öztürk Kaymak, A., Akkaya, N., **Akın, K.O.**, " Comparison of erythrocyte sedimentation rate of test-1 and automatic westwegren device with reference westergren method" *Gazi Medical Journal*, 2014; 25:2.
4. Asiltürk, Z., Nazlıgül, Y., Yıldız, M., Küçükazman, M., Bulur, O., Tezer, A., Çizmeçi, Z., **Akın, K.O.**, "Serum oxidative stress status in CagA positive Helicobacter pylori infection" *Journal of Clinical and Experimental Investigations*, 2011; 2(2), 202-206.
5. Abacı, A., Hızlı, Ş., Özdemir, O., Razi, C.H., Koçak, M., **Akın, O.**, Kabakuş, N. "The Relation Between Magnesium Level and Insulin Resistance in Obese Children", *Current Pediatrics Review*, 2010; 8, 24-29.
6. Razi, H.C., Harmancı, K., Yılmaz, G., Renda, R. And **O. Akin**. "Atopy frequency in children with recurrent wheezing". *Journal of Pediatrics Turkey*, 2009; 3(4), 10-15.
7. Elgin, U., Biçer, T., **Akın, O.**, Kabataş, E., İlhan, B., Şimşek, T., Çankaya, A.B. ve A. Batman, "Comparison of aqueous humor endothelin-1 levels in pseudoexfoliative glaucoma, pseudoexfoliative syndrome and normal cases", *Glo-Kat*, 2008; 3, 43-46.
8. Kara, C., Çağlar, M., Bozkurt, Ö.F., **Akın, K.O.** ve A. Ünsal, "Comparison of the Effect of Phosphomycin Trometamol and Amoxicillin-Clavulanic Acid on the Treatment of Urinary Infection in Pregnancy", *New Urology Journal*, 2007; 3(1), 31-35.
9. Altıntaş, H., Temel, F., **Akın, O.**, Turhan, T., Karasu, Y., Kaya, R., Kaymaz, B., Kimyon, S., Okay, M., Öner, G., Özben, H., Çakır, B. Ve L. Akin, "Descriptive Characteristics of 6-year-old Children and Young Persons in SHÇEK Ankara Atatürk Kindergarden, Evaluation of General Health and Anemia Situations", *Journal of Child Development and Education*, 2005;1-2, 56-64 .

10. **Akın, K.O.**, Göl, K. ve İ. Şahin, "Determination of Macroprolactin Levels in Pregnant and Menopausal Women by Polyethylene Glycol Precipitation Method", Turkish Fertility Journal, 2003; 11(2), 133-138.

E. Proceedings presented at national scientific meetings and published in the abstract books:

1. Posters

1. **Akın, K.O.**, Özer, F.D., Üzüm, M. "Analytical and clinical evaluation of the Fora gauge instrument" 15. Clinical Biochemistry Congress, 23-26 April 2015 Fethiye/Turkey
2. Ataş, H., **Akın, K.O.**, Şeker Bingül, N., "Analytical and clinical evaluation of the Freestyle optimum h glukometer instrument" 15. Clinical Biochemistry Congress, 23-26 April 2015 Fethiye/Turkey
3. Sönmez Ç, **Akın K.O.**, Kösem A, Sevinç E, Sarıyıldız O, Parpucu M, Doğusan AH, Mercan S. "Determination of unnecessary examination requests by comparing the pathological result rates of the tests" 25th National Biochemistry Congress, İzmir [25th National Biochemistry Congress, Izmir / TURKEY]
4. **Akın K.O.**, Sönmez Ç, Kösem A, Sevinç E, Sarıyıldız O, Parpucu M, Doğusan AH, Mercan S. "Meeting of the health facility laboratories affiliated to Ankara 2nd Regional Public Hospital Association". The 25th National Biochemistry Congress, İzmir [25th National Biochemistry Congress, Izmir / TURKEY]
5. **Akın K.O.**, Sönmez Ç, Kösem A, Sevinç E, Sarıyıldız O, Parpucu M, Doğusan AH, Mercan S. P-160 "Laboratory usage habit, depending on the age of physicians and the role of the health care facility". The 25th National Biochemistry Congress, Izmir [25th National Biochemistry Congress, Izmir / TURKEY]
6. Kıslal, M.F., Celik, A., Kabakus, N., **Akın, O.**, And S. Hizli. "Influence of bilirubin on neonatal brain and predictive value of NSE and S-100B". 2nd International Congress of UENPS, 15-17 November 2010, İstanbul, Turkey.
7. **Akın, K.O.** "Fully automated urine analysis" 21. National Biochemistry Congress 2009, Istanbul, Turkey, October 29 to October 31, the Turkish Journal of Biochemistry, 34 (Special Issue of Congress), 62-63, 2009 (Invited speaker).
8. **Akın, K.O.**, Serdar, M.A., Salman, B., Kılıç, N., Tatlıcioğlu, E. " Comparison of the thioredoxin and the L-Namen effects on experimental hepatic ischemia/reperfusion model" 21. National Biochemistry Congress 2009, Istanbul, Turkey, October 29.-31, the Turkish Journal of Biochemistry, 34 (Congress Special Issue), 175-176, 2009.
9. Karadağ, A.S., Ertuğru, D.T., Tatal, E., **Akın, K.O.** " The role of anemia and vitamin D level in acute and chronic telogen effluvium" 21. National Biochemistry

- Congress 2009, Istanbul, Turkey, October 29.-31, the Turkish Journal of Biochemistry, 34 (Congress Special Issue), 175-176, 2009.
10. Abacı, A., Hızlı, Ş., Akelma, Z., Özdemir, O., Razi, H.C., **Akın, O.**, Kabakuş, N. "The relationship of total homocysteine levels with metabolic and clinical parameters in obese children, "XIII. Padiatrik National Endocrine and Diabetes Congress, Antalya, Turkey, Summary Proceedings Book, 239, 2009.
 11. **Akın, K.O.**, Serdar, M.A., Çizmecı.Z., Genc, O., "Evaluation of Urine Sediment Analysis with Urine Sediment Analyzes with Fully Automated Systems", 20th National Biochemistry Congress 2008, Cappadocia-Nevşehir, Turkey, 29 October-1 November, Turkish Biochemistry Magazine, 33 (Special Issue on Congress), 105, 2008.
 12. **Akın, K.O.**, Serdar, M.A., Bektaş, H., Yavuz, B., "Determination of Aspirin Resistance and Rates with Multiple Plate Aggregometer", 20th National Biochemistry Congress 2008, Cappadocia-Nevşehir, Turkey, 29 October-1 November, Turkish Biochemistry Magazine, 33 (Congress Special Issue), 221-222, 2008.
 13. Serdar, M.A., Bakır, F., Haşimi, A., Çelik, T., **Akın, K.O.**, Kenar, L., Aykut, O., Yıldırımkaaya, M., "Type II Diabetes Mellitus, Trace Element Levels in Patients with Degraded Glucose Tolerance", 20th National Biochemistry Congress 2008, Cappadocia-Nevşehir, Turkey, 29 October-1 November, Turkish Biochemistry Magazine, 33 (Congress Special Issue), 165-166, 2008.
 14. Şahin, İ., Aydın, S., Dağlı, A.F., **Akın, K.O.**, Özeran, M.R., Güzel, S.P., " Ghrelin Expression in Serum and Gastrointestinal System Tissue of Obese Rats", 20th National Biochemistry Congress 2008, Cappadocia-Nevşehir, Turkey, 29 October-1 November, Turkish Biochemistry Magazine, 33 (Congress Special Issue), 202-203, 2008.
 15. Kılıç, N., Dağlı, N., Erman, F., **Akın, O.**, Aydın, S., "Saliva / Serum Ghrelin, Obestatin and Homocysteine Levels in Ischemic Heart Disease", 20th National Biochemistry Congress 2008, Cappadocia-Nevşehir, Turkey, 29 October-1 November, Turkish Biochemistry Magazine, 33 (Congress Special Issue), 201-202, 2008.
 16. Dirican, E.K., Özgün, O.D., Akarsu, S., **Akın, K.O.**, Ercan, O., Uğurlu, M., Çamsarı, Ç., Kanyılmaz, O., Kaya, A., "Results of Microinjection Treatment with Selected Non-Apoptotic Spermatozoa with Magnetic Cells", 3rd National Reproductive Endocrinology and Infertility Congress 2008, Antalya, Turkey, October 16-19, Speaker and Abstract Abstract Book, 158, 2008.
 17. Çizmecı, Z., Genç, Ö., Hızlı, Ş., **Akın, K.O.**, Serdar, M., "Comparison of Three Serological Screening Tests Used in Diagnosis of Celiac Disease", 4th National

- Congress of Clinical Biochemistry Experts Association, 2007, Ölüdeniz-Fethiye, Turkey, October 16-20, Abstract Papers, 234, Advance in Molecular Medicine, 3 (3), Congress Special Number, 147, 2007.
18. **Akın, K.O.**, Serdar, M.A., Çizmeci, Z., Genç, Ö., "Comparison of IQ200, Urised Full Automatic Urine Sediment Analyzers with Manual Urine Sediment Analysis", 4th National Congress of Clinical Biochemistry Experts Association 2007, Ölüdeniz-Fethiye, Turkey, October 16-20, Abstract Book, 196, Advance in Molecular Medicine, 3(3), Konger Özel Sayısı, 142, 2007.
 19. Genç, Ö., Çizmeci, Z., **Akın, K.O.**, Ağras, P.I., "MEFV Gene Mutations in Patients with Familial Mediterranean Fever (FMF) Presence", 4th National Congress of Clinical Biochemistry Experts 2007, Ölüdeniz-Fethiye, Turkey, October 16-20, Abstract Papers, 228, Advance in Molecular Medicine, 3 (3), Congress Special Number, 141, 2007.
 20. **Akın, K.O.**, Serdar, M.A., Çizmeci, Z., Genç, Ö., " Comparison of Strip Test, Hydrometer and Total Solid Refractometry in the Assessment of Urine-Specific Gravity ", 4th National Congress of Clinical Biochemistry Experts 2007, Ölüdeniz-Fethiye, Turkey, October 16-20, Abstract Papers, 233, Advance in Molecular Medicine, 3(3), Congress Special Number, 140, 2007.
 21. **Akın, K.O.**, Serdar, M.A., Genç, Ö., Çizmeci, Z., "Comparison of Labstrip U11 Plus and Aution Sticks 10EA Urine Chemical Strip Tests", 4th National Congress of Clinical Biochemistry Experts 2007, Ölüdeniz-Fethiye, Turkey, 16-20 October, Abstract Papers, 232, 2007.
 22. Akkuş, İ.H., Yıldız, M., Nazlıgül, Y., Ülger, Z., **Akın, O.**, "Gender and Age Separation at Serum Aminotransferase Levels?", 4. Hepato Gastroenteroloji Kongresi 2007, Antalya, Turkey, September 1-5, Congress Book, 335, 2007.
 23. Ernam, D., Önal, M., Keyf, A.İ., Atıkcın, Ş., Öğretensoy, M., **Akın, O.**, "Is There a Relationship Between Clinical Stage and Histopathological Type of Serum Carcinoembryogenic Antigen Level in Small Extracellular Lung Cancer?" Turkey Respiratory Research Association 29th National Congress 2007, Ölüdeniz-Fethiye, Turkey, October 28-31, Abstract Papers, PS-054, 2007.
 24. Çolakoğlu, Y.E., Kendirci, H.N.P., Koçak, M., **Akın, K.O.**, Hızlı, Ş., Yılmaz, G., "Progressive Varicella Syndrome Case Report", 50th National Pediatrics Congress 2006, Antalya, Turkey, 8-12 November, Abstract Papers, PP-057, 2006.
 25. Cindoruk, M., Karakan, T., Salman, B., Kerem, M., Ekinci, Ö., **Akın, O.**, Akyol, G., Ünal, S., "Effects of Peroxisome Proliferator Activating Receptor (PPAR) -alpha agonist fenofibrate on hepatic damage and cytokine response in experimental occlusion", National Surgical Congress 2006, Antalya, Turkey, May 24-28, Abstract booklet, 3, 2006.

26. Kerem, M., Gürbüz, N., Salman, B., **Akın, O.**, Ekinci, Ö., Bostancı, H., Paşaoğlu, H., "The efficacy of serum pseudocholinesterase as a predictive factor in acute pancreatitis due to organophosphate in rats", National Surgical Congress 2006, Antalya, Turkey, May 24-28, Abstract booklet, 138, 2006.
27. Akyürek, N., Salman, B., İrkörücü, O., Tezcaner, T., Erdem, Ö., Akyol, G., Akça, G., Sultan, N., **Akın, O.**, Tatlıcioğlu, E., "The effect of PAF antagonist BN 52021 on ICAM-1 and bacterial translocation in rats with obstructive jaundice", National Surgical Congress 2004, Turkish Society of Surgery, Belek-Antalya, Turkey, May 26-30, Abstract book, 190-191, 2004.
28. **Akın, K.O.**, Göl, K., Turhan, T., Erol, M., Kömürçü, F., Kılıç, N., "Investigation of the Relationship Between Diabetic Control, Bone Cycle Biochemical Parameters and Bone Mineral Density in Patients with Type 2 Diabetes Mellitus", Clinical Biochemistry Experts Association 2nd Congress 2004, Bodrum, Turkey, Abstract Book, 351, 2004.
29. Taşlıpınar, M.Y., **Akın, K.O.**, Nas, T., Kılıç, N., Öztin, C., Güney, K., "Serum Zinc and Copper Levels in Postmenopausal Osteoporotic Patients", 2nd Congress of Clinical Biochemistry Experts Association, 2004, Bodrum, Turkey, Abstract Book, 347, 2004.
30. Erol, M., Kılıç, N., Kömürçü, F., **Akın, K.O.**, "Plasma Advanced Oxidation Protein Products (AOPP) Levels in Demented Patients", Clinical Biochemistry Experts Association 2nd Congress 2004, Bodrum, Turkey, Abstract Book, 318, 2004.

F. Other Publications:

1. Turkish Books:

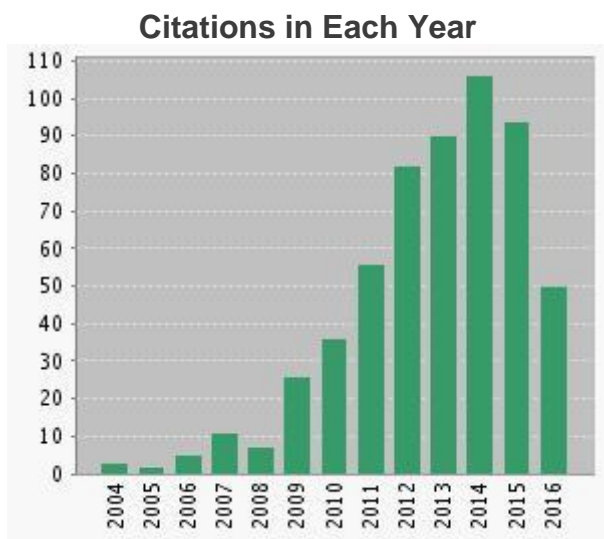
- a. **AKIN, K.O.**, MERCAN, S., "Assessment and Modeling of the Current Situation of Biochemistry, Microbiology and Genetics Laboratories" Publications of the Ankara General Secretariat of 2nd District Public Hospitals Association, 2013
- b. **AKIN. K.O.** "Biochemistry Pocket Book", Physicians Publishing Association, 2002.
- c. **AKIN. K.O., TUNC. E.** "Biochemistry Lecture Notes", Physicians Publishing Association, 2004.
- d. **AKIN. O.** "Biochemistry review", Optimum series, Clinician Medical Bookstores, 2006

- e. **AKIN. K.O.**, SAHİN. İ.E. "Biochemistry", TUS Education Publishing and Consulting LTD.ŞTI, 2010.

2. Translated Book Chapters

- a. **Akın, K.O.**, "The Right Result in Medical Laboratory" Translation Editor, Assoc. Dr. Turan Turhan, Palme Publishing, 2015
- b. **Akın. K.O.**, "Alcohol", Diagnosis and Treatment Protocols in High-Risk Pregnancies, Translation Editor, Assoc. Dr. Kemal Göl, Atlas Publishing, 2007.
- c. **Akın. K.O.**, "Developmental Toxicology and Teratology", Diagnosis and Treatment Protocols in High Risk Pregnancies, Translation Editor, Assoc. Dr. Kemal Göl, Atlas Publishing, 2007.
- d. **Akın. K.O.**, "Routine Antenatal Laboratory Tests and Specific Screening Tests", Diagnosis and Treatment Protocols in High Risk Pregnancies, Translation Editor, Assoc. Dr. Kemal Göl, Atlas Publishing, 2007.
- e. **Akın. K.O.**, "Preface", Lehninger, Principles of Biochemistry, Translation Editor, Prof. Dr. Nedret Kılıç, Palme Publishing, 2005.

3. Citations:



The latest 20 years are displayed.

Results found: 72

Sum of the Times Cited : 568

Sum of Times Cited without self-citations : 563

Citing Articles : 547

Citing Articles without self-citations : 542

Average Citations per Item : 7.89

h-index : 13

4. Congress, Symposium and Course Organization Committees

- a. **Akın, K.O.**, Plebani, M., "New insights in quality management of the total testing process", 22nd IFCC Wordlab İstanbul,2014
- b. 22. National Biochemistry Congress, Eskişehir, October 27-30, 2010. Computer-applied method validation (proof of method validity) course.
- c. 22. National Biochemistry Congress, Eskişehir, October 27-30, 2010, Member of the Organizing Committee.
- d. 21. National Biochemistry Congress, October 28-31, 2009, Istanbul, Turkey, Member of the Congress Organizing Committee.
- e. 21. National Biochemistry Congress, October 28-31, 2009, Istanbul, Turkey, "Basic Statistical Studies in Laboratory Studies", Trainer
- f. "Informatics Technologies Symposium in Medical Laboratories", ODTÜ Alumni Association Vişnelik Facilities, 6-8 May 2010, Ankara, Turkey, Member of the Organizing Committee.

5. Invited talks

- a. **"Full automatic urine analysis"** 21st National Biochemistry Congress 2009, Istanbul, Turkey, 29-31 October, Turkish Biochemistry Journal, 34 (Congressional Special Issue), 62-63, 2010 (Invited Speaker).
- b. **"Ethics Committees and Bioequivalence Panel"**, Invited Speaker, "Ethics Committee Application and Evaluation Process", Gazi University Medical Faculty 30th year events, 17 December 2009
- c. **"Non-analytical Variables of Tests Used in Chronic Kidney Disease"**, Invited Speaker, Association of Clinical Biochemistry Experts 6th National Congress 2010, Çeşme-İzmir, Turkey.

6. Publication Evaluation and Editorial Board

- a. Turkish Biochemistry Journal, Reviewer
- b. Turkish Biochemistry Journal, Technical Editor

7. Course and Meeting Attended:

Courses:

- a. "Clinical Investigator Training Program", Gazi University Faculty of Medicine and T.C. General Directorate of Pharmaceuticals and Pharmacy, Ankara, 15 December 2009
- b. "Ethics Approach Course in Clinical Investigations", T.C. Ministry of Health, General Directorate of Pharmaceuticals and Pharmacy, Ankara, 18-20 February 2009.
- c. "Course on Evidence-Based Laboratory Medicine", Turkish Biochemistry Society and IFCC, Boğaziçi University-İstanbul, 8-11 April 2008.
- d. "Molecular Diagnosis Techniques Workshop", Turkish Biochemistry Association, Kapadokya-Nevşehir, 29 October 2008.
- e. "3. National HPLC and MASS Spectrometry Workshop and Symposium ", Gülhane Military Medical Academy Biochemistry Department, Ankara, 21-21 May 2008.
- f. "Quality Management System Workshop / Applied Training", Turkish Standards Institute, Ankara, 30.10.2008.
- g. "Quality Management System Basic Training", Turkish Standards Institute, Ankara, 23.06.2008.
- h. "Internal Quality Audit Training", Turkish Standards Institute, Ankara, 23.06.2008.
- i. "Quality Management System Documentation Training", Turkish Standards Institute, Ankara, 23.06.2008.
- j. "Forensic Medicine Practices in Medicine", Turkish Nationalities Union, Ankara, 2000.
- k. "Standardization and Quality Assurance Training and Implementation Meeting in Clinical Laboratories-II", Turkish Biochemistry Association, Istanbul, 14-17 November 1998.

Congress and Meetings:

- a. "XXII. National Biochemistry Congress ", Turkish Biochemistry Association, Eskişehir, 27-30 October 2010
- b. "6th National Congress of Clinical Biochemistry Experts Association", Association of Clinical Biochemistry Experts, Cesme, İzmir, Turkey, 16-20 Oct. 2007.
- c. "Laboratory Management Symposium", Clinical Biochemistry Experts Association, Gaziantep, 6-8 May 2010.
- d. "XXI. National Biochemistry Congress", Turkish Biochemistry Association, Istanbul, October 28-31, 2009.
- e. "3. Ankara Medical Biochemistry Day", Ankara University, 13 April 2010.

- f. "2nd. Ankara Medical Biochemistry Day", Ankara University, 30 April 2009.
- g. "IX. National Congress of Clinical Biochemistry ", Turkish Clinical Biochemistry Association, Belek, Antalya, 23-26.04.2009.
- h. "AACC 2008 Annual Meeting and Clinical Laboratory Exposition", *America Association Clinical Chemistry*, Washington, DC, 27-31.07.2008.
- i. "XX. XX. National Biochemistry Congress", Turkish Biochemistry Association, Cappadocia-Nevşehir, Turkey, 29.09-01.11.2008
- j. "Euromedlab, 17th IFCC-FESCC European Congress of Clinical Chemistry and Laboratory Medicine, 60th National Congress of the Netherlands Society for Clinical Chemistry and Laboratory Medicine", *IFCC*, Amsterdam, the Netherlands, 3-7.07.2007.
- k. "Alifax Symposium, Innovation in Bacteriology New Technology and Improvements in the Patient Management", Alifax, SPA, Padova, Italy, 28.10.2007.
- l. "14th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region", *Mediterranean Scientific Association of Environmental Protection (MESAEP)*, Sevilla-Spain, 10-14.10.2007.
- m. "4th National Congress of Clinical Biochemistry Experts Association", Association of Clinical Biochemistry Experts, Fethiye, Turkey, 16-20 Oct. 2007.
- n. "31st FEBS Congress Molecules in Health and Disease", *FEBS*, İstanbul, Turkey, 24-29.06.2006.
- o. "19. National Biochemistry Congress", Turkish Biochemistry Association, Antalya, Turkey, 22-25.04.2005.
- p. "2nd National Congress of Clinical Biochemistry Experts Association" Association of Clinical Biochemistry Experts, Bodrum, Turkey, 21-25 September 2007.
- q. "17. National Biochemistry Congress", Turkish Biochemistry Association, Ankara, Turkey, 24-27.06.2002.
- r. "2nd National Congress of Clinical Biochemistry", Turkish Clinical Biochemistry Association, Kuşadası, İzmir, Turkey, 31st January-4 November 2001.
- s. "16. National Biochemistry Congress", Turkish Biochemistry Association, İzmir, Turkey, 23-27.10.2000.