

Prof. Ayşe Balat, MD

Pediatric Nephrology / Rheumatology
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Education

- Ondokuz Mayıs University Faculty of Medicine - 1986

Experience

- 1986-1987: Silifke State Hospital (Compulsory Service)
- 1987-1992: Ondokuz Mayıs University Faculty of Medicine (Pediatric - Research Fellow)
- 1992-1994: Inonu University Faculty of Medicine (Assistant Professor – Pediatric)
- 1994-1996: Texas Children's Hospital, Department of Pediatric Nephrology, Houston, TX, (Research Fellow)
- 1996-1998: Inonu University Faculty of Medicine (Assistant Professor – Pediatric)
- 1998-1999: Inonu University Faculty of Medicine (Assoc. Prof. – Pediatric)
- 1999-2005: Gaziantep University Faculty of Medicine (Assoc. Prof. - Pediatric)
- 2005-: Gaziantep University Faculty of Medicine (Professor - Pediatric -2005)

Membership

- National Pediatric Association
- Pediatric Nephrology Association
- Pediatric Rheumatology Association
- International Pediatric Nephrology Association
- European Dialysis and Transplantation Association
- European Society of Pediatric Nephrology
- Mediterranean Kidney Society-2007
- International Association for the History of Nephrology-2013

List of International Scientific Publications;

1. Uysal S, Baysal M K, Balat A, Yüksel M. The relation of mitral valve prolapse to acute rheumatic fever in pediatric patients. Japanese Heart J 1992, 33(5):585- 590

2. Balat A, Baysal MK, Koçak H. Myocardial functions of children with acute poststreptococcal glomerulonephritis. Clin Nephrol 1993, 39(3):151-156
3. Özcan C, Bölük A, Duranay M, Ekmekçi H, Balat A, Müftüoğlu M. Sympathetic skin response in patients with chronic renal failure. Acta Neurologica Scandinavica. 1996, 93(6):437-442
4. Balat Ö, Balat A, Verschnaegen C, Edwards CL. Sarcoma botryoides of the uterine endoservix: Long-term results of conservative surgery. Eur J Gynecol Oncol , 1996, 17(5): 335-337
5. Balat A, Akıncı A, Turgut M, Mızrak B, Aydın A. Eosinophilic Fasciitis-progression to linear scleroderma: a case report. The Turkish Journal of Pediatrics, 1999, 41(3):381-385
6. Balat A, Çekmen M, Yürekli M, Kutlu O, İşlek İ, Sönmezgöz E, Çakır M, Türköz Y, Yoloğlu S. Adrenomedullin and total nitrite levels in children with Bartter's syndrome. Pediatr Nephrol. 2000, 15: 266-270
7. Balat A, Çekmen M, Yürekli M, Gülcan H, Kutlu O, Türköz Y, Yoloğlu S. Adrenomedullin and total nitrite levels in children with minimal change nephrotic syndrome. Pediatr Nephrol. 2000, 15:70-73
8. Evereklioglu C, Doğanay S, Er H, Tercan M , Gündüz A, Balat A, Borazan M. Interpupillary index: a new parameter for hypo-hypertelorism. J Craniomaxillofac Surg. 2001, 29(4):191-194
9. Evereklioglu C, Doğanay S, Er H, Gündüz A, Tercan M, Balat A, Cumurcu T. Craniofacial antropometry in a Turkish population. The Cleft Palate-Craniofacial Journal, 2002, 39(2):208-212
10. Balat A, Çekmen M, Yürekli M, Gül AK, Özbek E, Korkut M, Tarakçioğlu M, Sahinöz S, Anarat A. Adrenomedullin and nitrite levels in children with primary nocturnal enuresis. Pediatr Nephrol. 2002, 17(8):620-624
11. Evereklioglu C, Madenci E, Bayazit YA, Yılmaz K, Balat A, Bekir NA. Central corneal thickness is lower in osteogenesis imperfecta and negatively correlates with the presence of blue sclera. Ophthalmic Physiol Opt. 2002, 22(6): 511-515
12. Pence S, Kocoglu H, Balat O, Balat A. The effect of delivery on umbilical arterial cord blood gases and lipid peroxides: comparison of vaginal delivery and cesarean section. Clin Exp Obstet Gynecol. 2002, 29(3): 212-214
13. Kılınç M, Balat A, Çekmen M, Yürekli M, Yılmaz K, Sahinöz S. Adrenomedullin and nitrite levels in children with dilated cardiomyopathy. Pediatr Cardiol. 2003, 24(4):381-385
14. Balat O, Balat A, Ugur MG, Pençe S. The effect of smoking and caffeine on the fetus and placenta in pregnancy. Clin Exp Obstet Gynecol. 2003, 30(1): 57-59
15. Balat A, Sarıca K, Çekmen M, Yürekli M, Yağcı F, Erbağcı A. Adrenomedullin and nitric oxide in

children with detrusor instability. *Pediatr Nephrol.* 2003;18(5):422-425

16. Cekmen MB, Balat A, Balat O, Aksoy F, Yurekli M, Erbagci AB, Sahinoz S. Decreased adrenomedullin and total nitrite levels in breast milk of preeclamptic women. *Clin Biochem.* 2004; 37(2):146-148

17. Sarica K, Balat A, Erbagci A, Cekmen M, Yurekli M, Yagci F. Effects of shock wave lithotripsy on plasma and urinary levels of nitrite and adrenomedullin. *Urol Res.* 2003; 31(5):347-351

18. Cekmen MB, Erbagci AB, Balat A, Duman C, Maral H, Ergen K, Ozden M, Balat O, Kuskay S. Plasma lipid and lipoprotein concentrations in pregnancy induced hypertension. *Clin Biochem.* 2003; 36(7):575-578

19. Islek I, Balat A, Cekmen M, Yurekli M, Muslu A, Sahinoz S, Sivasli E. Adrenomedullin and total nitrite levels in children with Henoch-Schonlein purpura. *Pediatr Nephrol.* 2003; 18(11):1132-1137

20. Sarica K, Sari I, Balat A, Erbagci A, Yurtseven C, Yagci F, Karakok M. Evaluation of adrenomedullin levels in renal parenchyma subjected to extracorporeal shockwave lithotripsy. *Urol Res.* 2003; 31(4):267-271

21. Sasmaz S, Karabiber H, Boran C, Garipardic M, Balat A. Pityriasis rosea-like eruption due to pneumococcal vaccine in a child with nephrotic syndrome. *J Dermatol.* 2003; 30(3):245-247

22. Balat A, Pakir IH, Gok F, Anarat R, Sahinoz S. Urotensin-II levels in children with minimal change nephrotic syndrome. *Pediatr Nephrol.* 2005; 20(1):42-45

23. Baspinar O, Kilinc M, Balat A, Celkan MA, Coskun Y. Long tortuous aorta in a child with Larsen syndrome. *Can J Cardiol.* 2005; 21(3):299-301.

24. Baspinar O, Kervancioglu R, Kilinc M, Balat A, Kazaz H. Congenital systemic arteriovenous fistula between the distal thoracic aorta and hemiazygos vein in a child. *Eur J Pediatr.* 2005; 164(7):458-460.

25. Balat O, Aksoy F, Kutlar I, Ugur MG, Iyikosker H, Balat A, Anarat R. Increased plasma levels of Urotensin-II in preeclampsia-eclampsia: a new mediator in pathogenesis? *Eur J Obstet Gynecol Reprod Biol.* 2005; 120(1):33-38.

26. Balat A, Kilinc M, Cekmen MB, Guler E, Yurekli M, Sahinoz S, Coskun Y. Adrenomedullin and total nitrite levels in children with acute rheumatic fever. *Clin Biochem.* 2005; 38(6):526-530.

27. Erbagci AB, Cekmen MB, Balat O, Balat A, Aksoy F, Tarakcioglu M. Persistency of high proinflammatory cytokine levels from colostrum to mature milk in preeclampsia. *Clin Biochem.* 2005; 38(8):712-716.

28. Bayazit YA, Balat A, Pakir HI, Guler E, Kanlikama M. Influence of the relapse and remission periods on hearing status in children with minimal change nephrotic syndrome. Rev Laryngol Otol Rhinol. 2005; 126(3):171-173.

29. Pirbudak L, Balat A, Erturhan S, Öner Ü. Effects of intravenous ketamine and fentanyl combined with midazolam on analgesia and side effects during paediatric outpatient lithotripsy. The Pain Clinic. 2005; 17(3):283-288.

30. Alaşehirli B, Çekmen M, Nacak M, Balat A. Effects of caffeine on placental total nitrite concentration: A 21-day, vehicle-controlled study in rats. Curr Ther Res Clin Exp. 2005; 66:130-137.

31. On behalf of Turkish Pediatric Vasculitis Study Group; Ozen S, Bakkaloglu A, Dusunsel R, Soylemezoglu O, Ozaltin F, Poyrazoglu H, Kasapcopur O, Ozkaya O, Yalcinkaya F, Balat A, Kural N, Donmez O, Alpay H, Anarat A, Mir S, Gur-Guven A, Sonmez F, Gok F. Childhood vasculitides in Turkey: a nationwide survey. Clin Rheumatol. 2006; 26(2):196-200.

32. Özkur A, Balat A, Bayram M. Color Doppler ultrasonographic findings in an infant with renal vein thrombosis. EuroRad . 2006,URL:<http://www.Eurorad.org/case.php?id=4596>

33. Balat A, Islek I, Cekmen M, Yurekli M, Tekin D, Muslu A, Sahinoz S. Adrenomedullin and total nitrite levels in children with familial Mediterranean fever. J Paediatr Child Health. 2006; 42(5):240-243.

34. Guler E, Balat A, Cekmen M, Kilinc M, Sivasli E, Yurekli M, Duman C. The effects of anticancer drugs on levels of nitric oxide and adrenomedullin. Turk J Pediatr. 2006; 48(3):202-208.

35. Balat A, Alasehirli B, Oguzkan S, Gungor M. Nitric oxide synthase gene polymorphisms in children with primary nocturnal enuresis: a preliminary study. Ren Fail. 2007; 29(1):79-83.

36. Balat A. Urotensin-II in children with renal diseases: New messages from an ancient peptide. J Salud i Ciencia (Columnista Experta de SIIC.). 2007 ; 15(6) : 961-965
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37. Balat A, Karakok M, Yilmaz K, Kibar Y. Urotensin-II immunoreactivity in children with chronic glomerulonephritis. Ren Fail. 2007;29(5):573-8.

38. Balat A, Karakok M, Guler E, Ucaner N, Kibar Y. Local defense systems in the prepuce. Scand J Urol Nephrol. 2008; 42(1):63-5

39. Büyükçelik M, Karakök M, Başpınar O, Balat A. Arterial thrombosis associated with factor V Leiden and methylenetetrahydrofolate reductase C677T mutation in childhood membranous glomerulonephritis. Pediatr Nephrol. 2008 ; 23(3):491-494

40. Dikensoy E, Balat O, Pençe S, Balat A, Cekmen M, Yurekli M. Malondialdehyde, nitric oxide and adrenomedullin levels in patients with primary dysmenorrhea. J Obstet Gynaecol Res. 2008 ; 34(6):1049-53
41. Alasehirli B, Balat A, Barlas O, Kont A. Nitric oxide synthase gene polymorphisms in children with minimal change nephrotic syndrome. Pediatr Int. 2009 ; 51(1): 75-8
42. Dikensoy E, Balat O, Pence S, Balat A, Cekmen M, Yurekli M. The Changes of Plasma Malondialdehyde, Nitric Oxide, and Adrenomedullin Levels in Patients with Preeclampsia. Hypertens Pregnancy. 2009 May 1:1-7.
43. Balat A. Kidney is in trouble with mediators. Bosnian Journal of Basic Medical Sciences. 2010; 10 (Supplement1):S29-S36
44. Demirkaya E, Ozen S, Bilginer Y, Ayaz NA, Makay BB, Unsal E, Erguven M, Poyrazoglu H, Kasapcopur O, Gok F, Akman S, Balat A, Cavkaytar O, Kaya B, Duzova A, Ozaltin F, Topaloglu R, Besbas N, Bakkaloglu A, Arisoy N, Ozdogan H, Bakkaloglu S, Turker T. The distribution of juvenile idiopathic arthritis in the Eastern Mediterranean: results from the Registry of the Turkish Paediatric Rheumatology Association. Clin Exp Rheumatol. 2011; 29(1):111-116
45. Balat A. Attention to the unseen part of iceberg: Children with chronic kidney disease will be adults with End- Stage Renal Disease. How should we support them? In: Survival is not Enough. De Santo NG and Montano A (eds). Italian Institute for Philosophical Studies. Naples MMXI, 2011, p:21-27
46. Guler E, Baspinar O, Cekmen M, Kilinc M, Balat A. Nitric oxide: a new biomarker of Doxorubicin toxicity in children? Pediatr Hematol Oncol. 2011; 28(5):395-402
47. Ozaltin F, Ibsirlioglu T, Taskiran EZ, Baydar DE, Kaymaz F, Buyukcelik M, Kilic BD, Balat A, Iatropoulos P, Asan E, Akarsu NA, Schaefer F, Yilmaz E, Bakkaloglu A; Disruption of PTPRO Causes Childhood-Onset Nephrotic Syndrome.the PodoNet Consortium. Am J Hum Genet. 2011; 89(1): 139-147
48. Kucukosmanoglu E, Keskin O, Karcin M, Cekmen M, Balat A. Plasma adrenomedullin levels in children with asthma: Any relation with atopic dermatitis? Allergol Immunopathol (Madr). 2011 Sep 1
49. Alasehirli B, Balat A, Büyükçelik M. DD Genotype of ACE Gene in Boys: May it be a Risk Factor for Minimal Change Nephrotic Syndrome? Ren Fail. 2011 Oct 21. [Epub ahead of print]
50. Col-Araz N, Pehlivan S, Baspinar O, Oguzkan-Balci S, Sever T, Balat A. Role of cytokine gene (IFN- γ , TNF- α , TGF- β 1, IL-6, and IL-10) polymorphisms in pathogenesis of acute rheumatic fever in Turkish children. Eur J Pediatr. 2012 Feb 17. [Epub ahead of print]

51. Buyukcelik M, Keskin M, Kilic BD, Kor Y, Balat A. Bartter syndrome and growth hormone deficiency: three cases. *Pediatr Nephrol*. 2012 Jun 16. [Epub ahead of print]
52. Col-Araz N, Pehlivan S, Baspinar O, Sever T, Oguzkan-Balci S, Balat A. Association of macrophage migration inhibitory factor and mannose-binding lectin-2 gene polymorphisms in acute rheumatic fever. *Cardiol Young*. 2012 Jul 20:1-5.
53. Col-Araz N, Oguzkan-Balci S, Baspinar O, Sever T, Balat A, Pehlivan S. Mannose Binding Lectin and Macrophage Migration Inhibitory Factor Gene Polymorphisms in Turkish Children with Cardiomyopathy: No Association with MBL2 Codon 54 A/B Genotype, but an Association between MIF -173 CC Genotype. *Int J Med Sci*. 2012;9(6):506-12.
54. Col Araz N, Nacak M, Oguzkan Balci S, Benlier N, Araz M, Pehlivan S, Balat A, Aynacioglu AS. Childhood Obesity and the Role of Dopamine D2 Receptor and Cannabinoid Receptor-1 Gene Polymorphisms. *Genet Test Mol Biomarkers*. 2012 Oct 11. [Epub ahead of print]
55. Neyal M, Yimenicioglu F, Aydeniz A, Taskin A, Saglam S, Cekmen M, Neyal A, Gursay S, Erel O, Balat A. Plasma nitrite levels, total antioxidant status, total oxidant status, and oxidative stress index in patients with tension-type headache and fibromyalgia. *Clin Neurol Neurosurg*. 2012 Oct 11. doi:pii: S0303-8467(12)00453-2.
56. Balat A, Büyükçelik M. Urotensin-II: More Than a Mediator for Kidney. *Int J Nephrol*. 2012;2012:249790. doi: 10.1155/2012/249790. Epub 2012 Oct 10.
57. Keskin M, Aygün A, Pehlivan S, Keskin O, Kor Y, Balat A, Coskun Y. Trends in the frequency of HLA DR-DQ haplotypes among children and adolescents with Type 1 diabetes mellitus in the southeast region of Turkey. *J Clin Res Pediatr Endocrinol* 2012; 4(4): 189- 92
58. Balat A, Resic H, Bellinghieri G, Anarat A. Devil's Triangle in Kidney Diseases: Oxidative Stress, Mediators, and Inflammation. *Int J Nephrol*. 2012;2012:156286. doi: 10.1155/2012/156286. Epub 2012 Dec 11
59. Oguzkan-Balci S, Col-Araz N, Nacak M, Araz M, Sabanci H, Balat A, Pehlivan S. Mitochondrial uncoupling protein 2 (UCP2) gene polymorphisms are associated with childhood obesity and related metabolic disorders. *J Pediatr Endocrinol Metab*. 2012 Dec 20:1-7. doi: 10.1515/jpem-2012-0267