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Research Areas

- ✓ Extracellular matrix and signal transduction
- ✓ Ischemia-reperfusion injury in animal models and its mechanisms
- ✓ In vitro hypoxia-reoxygenation models in endothelial cells
- ✓ Antioxidants
- ✓ Wound healing and regeneration
- ✓ Biochemical studies in cancer cell lines
- ✓ Inflammation and signal transduction
- ✓ Immunomonitoring

Recent Publications

- Serdaroglu G, Aydinok Y, Yilmaz S, Manco L, Ozer E. Triosephosphate Isomerase Deficiency: A Patient With Val231Met Mutation. *Pediatr Neurol* 2011;44:139-42.
- Firinci F, Ates O, Karaman O, Tekin A, Ozer E, Cakmakci H, Olgun N, Uzuner N.
- A 7-year-old girl with cough, fever, pneumonia. Diagnosis: Mucoepidermoid carcinoma (MEC). *Pediatr Ann.* 2011;40:124-7.
- Cecen E, Olgun N, Mutafoğlu K, Olguner M, İnce D, Ozer E. Coexisting of Wilms tumor and ganglioneuroblastoma in a child. *Ped Hematol Oncol* 2011;28:619-21.
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- Akarsu S, İlknur T, Ozer E, Fetil E. Lichen planus pigmentosus distributed along the lines of Blaschko. *Int J Dermatol* 2011;23:1-2.
- Yis U, Uyanik G, Heck PB, Smitka M, Nobel H, Ebinger F, Dirik E, Feng L, Kurul SH, Brocke K, Unalp A, Ozer E, Cakmakci H, Sewry C, Cirak S, Muntoni F, Hehr U, Morris-Rosendahl DJ. Fukutin mutations in non-Japanese patients with congenital muscular dystrophy: Less severe mutations predominate in patients with a non-Walker-Warburg phenotype. *Neuromuscul Disord.* 2011; 21:20-30.
- Cecen E, Ince D, Uysal KM, Ozer E, Cetingoz R, Ozguven AA, Cakmakci H, Sarialioglu F, Olgun N. Soft tissue sarcomas and central nervous system tumors in children with neurofibromatosis type 1. *Childs Nerv Syst* 2011; 27:1885-93.
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- Olgun Y, Erdag TK, Aydin B, Mutafoglu K, Ozer E, Ikiz AO, Akman F. Pediatric laryngeal cancer with 5-year follow up: Case report. *Int J Pediatr Otorhinolaryngol*. 2013;77:1215-1218.
- Cosar H, Ozer E, Topel H, Kahramaner Z, Turkoglu E, Erdemir A, Sutcuoglu S, Bagriyanik A, Arun Ozer E. Neuronal apoptosis in the neonates born to preeclamptic mothers. *J Matern Fetal Neonatal Med* 2013;26:1143-1146.
- Karakuş OZ, Ateş O, Murat N, Hakgüder G, Olguner M, Solmaz B, Ozer E, Gidener S, Akgür FM. Intra-amniotic administration of urinary trypsin inhibitor preserves intestinal contractility in meconium induced intestinal damage in chick embryos with gastroschisis. *J Pediatr Surg*. 2013; 48: 1495-1498.
- Türkmen M, Bayram MT, Soylu A, Ozer E, Sarioğlu S, Kavukcu S. The Relationship between renal p-glycoprotein expression and response to steroid therapy in childhood nephrotic syndrome. *Turk J Pathol* 2013;55:260-265.
- Karakaya YA, Ozer E. The role of Hofbauer cells on the pathogenesis of early pregnancy loss. *Placenta* 2013;34:1211-1215.
- Kanik A, Eliacik K, Yesiloglu S, Turker M, Helvacı M, Ozer E. An unusual presentation of Langerhans cell histiocytosis: perianal lesion. *Paediatrics Today* 2014;10(1):43-46.
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- Cavdar Z, Eğrilmez MY, Altun Z, Arslan N, Yener N, Sayın O, Genc S, Genc K, Islekel H, Oktay G, Guner GA. Resveratrol reduces matrix metalloproteinase-2 activity induced by oxygen-glucose deprivation and reoxygenation in human cerebral microvascular endothelial cells. *Int J Vit Nutr Res* 2012;82:267-274.
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- Arslan N, Tokgöz Y, Kume T, Bulbul M, Sayın O, Harmancı D, Akdoğan GG. Evaluation of serum neopterin levels and its relationship with adipokines in pediatric obesity-related nonalcoholic fatty liver disease. *J Pediatr Endocrinol Metab* 2013;26:1141-1147.
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- Kanat FU, Simşek I, Ercal D, Ulgenalp A, Alp E. Alpha-2-adrenergic receptor gene polymorphism in Turkish population with irritable bowel syndrome. *Turk J Gastroenterol*. 2013 Dec;24(5):483-8.
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- Unalp A, Bora E, Cankaya T, Giray Bozkaya O, Ercal D, Ozturk A, Ulgenalp A. Lack of association of childhood partial epilepsy with brain derived neurotrophic factor gene. *ScientificWorldJournal*. 2012;2012:414797. doi: 10.1100/2012/414797. Epub 2012 May 1.
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- Ph.D. Programs