

Supervisors

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Research Areas

- ✓ The role of Hepatocyte Growth Factor c-Met signalling in Cancer development and progression
- ✓ Identification of disease related candidate genes using DNA sequence and DNA copy number variations
- ✓ Cerebral cortical development malformations and epilepsy genetics
- ✓ Narcolepsy Genetics
- ✓ Tumor Genetics
- ✓ Functional and in silico Analyses of Synonymous Single Nucleotide Variations
- ✓ Genetics/cytogenetics and molecular biology of hematological cancers
- ✓ Genetic regulation and the basic transcription machinery
- ✓ The molecular biology of pancreatic tumors.
- ✓ The role of Wnt/ β -catenin signaling in embryonic development
- ✓ Elucidating the molecular activation mechanisms of Wnt-receptor complex at the plasma membrane
- ✓ Investigation of the roles of Wnt/ β -catenin signaling in organ regeneration using the zebrafish model
- ✓ Transcriptional networks controlling pluripotency and differentiation

Recent Publications

- Kunter I, Erdal E, Nart D, Yilmaz F, Karademir S, Sagol O, Atabey N. Active form of AKT controls cell proliferation and response to apoptosis in hepatocellular carcinoma. *Oncol Rep.* 2014 Feb;31(2):573-80. Doi: 10.3892/or.2013.2932. Epub 2013 Dec 16. PMID: 24337632
- Kaya M, Çokaklı M, Berk AT, Yaman A, Yesilirmak D, Kumral A, Atabey N. Associations of VEGF/VEGF-receptor and HGF/c-Met promoter polymorphisms with progression/regression of retinopathy of prematurity. *Curr Eye Res.* 2013 Jan;38(1):137-42. Doi:10.3109/02713683.2012.731550. Epub 2012 Oct 24. PMID: 23094709
- Şahin N, Toylu A, Gülekli B, Doğan E, Kovalı M, Atabey N. The levels of hepatocyte growth factor in serum and follicular fluid and the expression of c-Met in granulosa cells in patients with polycystic ovary syndrome. *Fertil Steril.* 2013 Jan;99(1):264-9. doi:10.1016/j.fertnstert.2012.08.059. Epub 2012 Oct 1. PMID: 23036804
- Bozkaya G, Korhan P, Cokaklı M, Erdal E, Sağol O, Karademir S, Korch C, Atabey N. Cooperative interaction of MUC1 with the HGF/c-Met pathway during hepatocarcinogenesis. *Mol Cancer.* 2012 Sep 11;11:64. doi: 10.1186/1476-4598-11-64. PMID: 22962849

- [Ph.D. Programs](#)