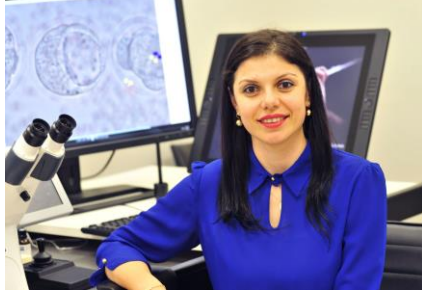


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Research Interest

Preimplantation embryonic development
Reproductive Biology
Infertility

Biography

BA: Akdeniz University, Department of Biology 2002

MS: Akdeniz University Faculty of Medicine Department of Histology and Embryology, Reproductive Biology, 2004

Postgraduate Fellow: Yale University School of Medicine, Department of OBGYN, Reproductive Sciences, 2006

Phd: Akdeniz University Faculty of Medicine Department of Histology and Embryology, 2011

Selected Publications

1. **Yaba Aylin**, Sozen Berna, Suzen Biken, Demir Necdet (2016). Expression of aquaporin-7 and aquaporin-9 in tanycyte cells and choroid plexus during mouse estrus cycle. *Morphologie*. doi: 10.1016/j.morpho.2016.09.001.

2. **Yaba Aylin**, Bozkurt Erol Rüştü, Demir Necdet (2015). mTOR expression in human testicular seminoma. *Andrologia*, doi: 10.1111/and.12504.

3. **Yaba Aylin**, Ordueri Nazli Ece, Tanriover Gamze, Sahin Pinar, Demir Necdet, Celik Ozenci Ciler (2015). Expression of CCM2 and CCM3 during mouse gonadogenesis. *Journal of Assisted Reproduction and Genetics*, Doi: 10.1007/s10815-015-0559-2.

4. Sözen Berna, Ozturk Saffet, **Yaba Aylin**, Demir Necdet (2015). The p38 MAPK signaling pathway is required for glucose metabolism, lineage specification and embryo survival during mouse preimplantation development. *Mechanisms of Development*, Doi: 10.1016/j.mod.2015.05.002.

5. Ozturk Saffet, Sozen Berna, **Yaba Uçar Aylin**, Demir Necdet (2014). Superovulation alters embryonic poly(A)-binding protein (Epab) and poly(A)-binding protein, cytoplasmic 1 (Pabpc1) gene expression in mouse oocytes and early embryos. *Reproduction, Fertility and Development*, Doi: 10.1071/RD14106.

6. **Yaba Aylin**, Demir Necdet (2012). The mechanism of mTOR (mammalian target of rapamycin) in a mouse model of polycystic ovary syndrome (PCOS). *Journal of Ovarian Research*, Doi: 10.1186/1757-2215-5-38.

7. **Yaba Uçar Aylin**, Kayisli Umit Ali, Demir Necdet (2012). The c-Abl expression in uterine epithelium during the mouse estrus cycle. *Journal of Molecular Histology*, Doi: 10.1007/s10735-011-9377-8.

8. James Yu, **Yaba Aylin**, Kasiman Corinna, Thomson Travis, Johnson Joshua (2011). mTOR controls ovarian follicle growth by regulating granulosa cell proliferation. *PLoS One*, Doi: 10.1371/journal.pone.0021415.