**EK-3**

**ÖZGEÇMİŞ**

**1. Adı Soyadı :** ASLI UYAR

**2. Doğum Tarihi :** 25/06/1980

**3. Unvanı :** Yardımcı Doçent

**4. Öğrenim Durumu :** Doktora

**5. Çalıştığı Kurum :** Okan Üniversitesi

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| --- | --- | --- | --- |
| **Derece** | **Alan** | **Üniversite** | **Yıl** |
| Lisans | Kontrol ve Bilgisayar Mühendisliği | İstanbul Teknik Üniversitesi | 2002 |
| Y. Lisans | Bilgisayar Mühendisliği | Boğaziçi Üniversitesi | 2005 |
| Doktora | Bilgisayar Mühendisliği | Boğaziçi Üniversitesi | 2011 |

**5. Akademik Unvanlar**

Yardımcı Doçentlik Tarihi : 02/05/2011

Doçentlik Tarihi :

Profesörlük Tarihi :

**6. Yönetilen Yüksek Lisans ve Doktora Tezleri**

**6.1**. Yüksek Lisans Tezleri

Emel Koc, “***Yöntem ve Uygulama Açısından Klinik Karar Destek Sistemleri***”, Okan Üniversitesi FBE, 2013.

**6.2.** Doktora Tezleri

**7. Yayınlar**

**7.1.** Uluslararası hakemli dergilerde yayınlanan makaleler (SCI,SSCI,Arts and Humanities)

1. A. Thibodeau\*, A. Uyar\*, S. Khetan, M. L. Stitzel, D. Ucar. A neural network based model effectively predicts enhancers from clinical ATAC-seq samples. ***Scientific Reports*** 8, 2018.(\*Co-first authors)

2. I. Kycia, B. N. Wolford, J. R. Huyghe, C. Fuchsberger, S. Vadlamudi, R. Kursawe, R. P. Welch, R. Albanus, **A. Uyar**, S. Khetan, N. Lawlor, M. Bolisetty, A. Mathur, J. Kuusisto, M. Laakso, D. Ucar, K. L. Mohlke, M. Boehnke, F. S. Collins, S. CJ Parker, M. L. Stitzel. A common type 2 diabetes risk variant potentiates activity of an evolutionarily conserved islet stretch enhancer and increases C2CD4A/B expression. ***American Journal of Human Genetics*** 102(4), 620-635 (2018).

3. W. K. Mowel , S. J. McCright , J. J. Kotzin, M. A. Collet, **A. Uyar**, X. Chen, A. DeLaney, S. P. Spencer, A. T. Virtue, E. Yang, A. Villarino, M. Kurachi, M. C. Dunagin, G. H. Pritchard, J. Stein, C. Hughes, D. Fonseca-Pereira, A. Raj, T. Kambayashi, I. E. Brodsky, J. J. O'Shea, E. J. Wherry, L. A. Goff, J. L. Rinn, A. Williams, R. A. Flavell, J. Henao-Mejia. Group 1 innate lymphoid cell lineage identity is determined by a cis-regulatory element marked by a long non-coding RNA. ***Immunity*** 47, 435-449 (2017).

4. D. Ucar, A. J. Marquez, C. Chung, R. Marches, R. J. Rossi, **A. Uyar**, T. Wu, J. George, M. L. Stitzel, A. K. Palucka, G. A. Kuchel, J. Banchereau. The chromatin accessibility signature of human immune aging stems from CD8+ T cells. ***Journal of Experimental Medicine***, 214, 3123-3144 (2017).

5. J. J. Kotzin, S. P. Spencer, S. J. McCright, D. B. Kumar, M. A. Collet, W. K. Mowel, E. N. Elliott, **A. Uyar**, M. A. Makiya, M. C. Dunagin, C. C. Harman, A. T. Virtue, S. Zhu, W. Bailis, J. Stein, C. Hughes, A. Raj, E. J. Wherry, L. A. Goff, A. D. Klion, J. L. Rinn, A. Williams, R. A. Flavell, J. Henao-Mejia, The long non-coding RNA Morrbid regulates Bim and short-lived myeloid cell lifespan. ***Nature*** 537, 239-243 (2016).

6. J. George\*, **A. Uyar\***, K. Young, L. Kuffler, K. Waldron-Francis, E. Marquez, D. Ucar, J. J. Trowbridge, Leukaemia cell of origin identified by chromatin landscape of bulk tumour cells. ***Nature Communication****s* **7**, 12166 (2016). (\* Co-first authors)

7. **A. Uyar,** A. Bener, H. N. Ciray, Predictive Modeling of Implantation Outcome in an In Vitro Fertilization Setting: An Application of Machine Learning Methods. ***Medical Decision Making*** **35**, 714-725 (2015).

8. C. Karakaya, O. Guzeloglu-Kayisli, **A. Uyar,** A. N. Kallen, E. Babayev, N. Bozkurt, E. Unsal, O. Karabacak, E. Seli, Poor ovarian response in women undergoing in vitro fertilization is associated with altered microRNA expression in cumulus cells. ***Fertility and Sterility*** **103**, 1469-1476 e1461-1463 (2015).

9. **A. Uyar**, E. Seli, The impact of assisted reproductive technologies on genomic imprinting and imprinting disorders. ***Current Opinion in Obstetrics and Gynecolology*** **26**, 210-221 (2014).

10. **A. Uyar**, E. Seli, Metabolomic assessment of embryo viability. ***Seminars in Reproductive Medicine* 32**, 141-152 (2014).

11. M. Munoz, **A. Uyar**, E. Correia, C. Ponsart, C. Guyader-Joly, D. Martinez-Bello, B. Marquant-Le Guienne, A. Fernandez-Gonzalez, C. Diez, J. N. Caamano, B. Trigal, P. Humblot, S. Carrocera, D. Martin, E. Seli, E. Gomez, Metabolomic prediction of pregnancy viability in superovulated cattle embryos and recipients with fourier transform infrared spectroscopy. ***Biomed Research International* 2014**, 608579 (2014).

12. M. Muñoz, **A. Uyar**, E. Correia, C. Díez, A. Fernandez-Gonzalez, J. N. Caamaño, B. Trigal, S. Carrocera, E. Seli, E. Gomez, Non-invasive assessment of embryonic sex in cattle by metabolic fingerprinting of in vitro culture medium. ***Metabolomics*** **10**, 443-451 (2014).

13. M. Munoz, **A. Uyar**, E. Correia, C. Diez, A. Fernandez-Gonzalez, J. N. Caamano, D. Martinez-Bello, B. Trigal, P. Humblot, C. Ponsart, C. Guyader-Joly, S. Carrocera, D. Martin, B. Marquant Le Guienne, E. Seli, E. Gomez, Prediction of pregnancy viability in bovine in vitro-produced embryos and recipient plasma with Fourier transform infrared spectroscopy. ***Journal of Dairy Science* 97**, 5497-5507 (2014).

14. C. Karakaya, O. Guzeloglu-Kayisli, R. J. Hobbs, T. Gerasimova, **A. Uyar**, M. Erdem, M. Oktem, A. Erdem, S. Gumuslu, D. Ercan, D. Sakkas, P. Comizzoli, E. Seli, M. D. Lalioti, Follicle-stimulating hormone receptor (FSHR) alternative skipping of exon 2 or 3 affects ovarian response to FSH. ***Molecular Human Reproduction*** **20**, 630-643 (2014).

15. **A. Uyar**, S. Torrealday, E. Seli, Cumulus and granulosa cell markers of oocyte and embryo quality. ***Fertility and Sterility*** **99**, 979-997 (2013).

16. **A. Uyar**, E. Seli, Embryo assessment strategies and their validation for clinical use: a critical analysis of methodology. ***Current Opinion in Obstetrics and Gynecolology*** **24**, 141-150 (2012).

17. **A. Uyar**, A. Bener, H. N. Ciray, M. Bahceci, Physician experience in performing embryo transfers may affect outcome. ***Fertility and Sterility* 95**, 1860-1862 (2011).

**7.2**. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

1. Y. Sengul, A. Bener, **A. Uyar**, Emerging technologies for improving embryo selection: a systematic review. ***Advanced Healthcare Technologies*** **1** 55-64 (2015).

**7.3.** Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabındabasılan bildiriler

1. S. Manafi, **A. Uyar**, A. Bener, Sampling bias in microarray data analysis: A demonstration in the field of reproductive biology. *Health Informatics and Bioinformatics (HIBIT), 8th Int. Symposium on*; 2013: IEEE.

2. E. Segmen, **A. Uyar**, Performance analysis of classification models for medical diagnostic decision support systems. *21st Signal Processing and Communications Applications Conference (SIU)*, 2013: IEEE.

3. **A. Uyar,** A. Bener, H.N. Ciray, M. Bahceci, Bayesian networks for predicting IVF blastocyst development. *Pattern Recognition (ICPR), 20th International Conference on*; 2010: IEEE.

4. **A. Uyar,** A. Bener, H.N. Ciray, M. Bahceci, A frequency based encoding technique for transformation of categorical variables in mixed IVF dataset. *Conf Proc IEEE Eng Med Biol Soc.* 2009.

5. **A. Uyar,** A. Bener, H.N. Ciray, M. Bahceci, Predicting implantation outcome from imbalanced IVF dataset. *Proceedings of the World Congress on Engineering and Computer Science;* 2009.

6.I. Ari, **A. Uyar**, L. Akarun*,* Facial feature tracking and expression recognition for sign language. *Computer and Information Sciences, ISCIS'08 23rd International Symposium on;* 2008: IEEE.

7.O. Aran, I. Ari, A. Guvensan, H. Haberdar, Z. Kurt, I. Turkmen, **A. Uyar**, L. Akarun*,* A database of non-manual signs in turkish sign language. *15th Signal Processing and Communications Applications*; 2007: IEEE.

**7.4.** Yazılan uluslararası kitaplar veya kitaplarda bölümler

1. C. Bruce, **A. Uyar,** Trancsriptomics Technology: Promise and Potential Pitfalls. In D.K. Gardner, D. Sakkas, E. Seli, D. Wells (Eds.) *Human Gametes and Preimplantation Embryos*. (pp. 173-184). Springer New York, (2013).

2. **A. Uyar**, E. Seli, Noninvasive Techniques: Embryo Selection by Transcriptomics, Proteomics, and Metabolomics. In M. Montag (Ed.) *A Practical Guide to Selecting Gametes and Embryos*, (pp. 191 -208). CRC Press, (2014).

**7.5.** Ulusal hakemli dergilerde yayınlanan makaleler

**7.6.** Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. **A. Uyar,** A. Bener, H.N. Ciray, M. Bahceci, Bayes Ağları Yöntemi ile IVF Blastosist Gelişimi Tahmini. *Turkish Medical Informatics Conference 7th National;* 2010.

**7.7.** Diğer yayınlar

**8. Projeler**

**9. İdari Görevler**

**10. Bilimsel ve Mesleki Kuruluşlara Üyelikler**

**11. Ödüller**

**En iyi bildiri ödülü**, Turkish Medical Informatics Conference, (TURKMIA 2010),

**En iyi hakem sertifikası**, Human Reproduction Journal, 2010 and 2016.

**En iyi bildiri ödülü**, Int. Conf. Machine Learning and Data Analysis (ICMLDA 2009)

**12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.**

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| **Akademik**  **Yıl** | **Dönem** | **Dersin Adı** | **Haftalık Saati** | | **Öğrenci Sayısı** |
| **Teorik** | **Uygulama** |
| 2017-2018 | **Güz** | Pattern Recognition | 3 |  | 10 |
| **İlkbahar** | Artificial Intelligence | 3 |  | 17 |
| **Yaz** | Makine Öğrenmesi | 3 |  | 18 |
| 2018-2019 | **Güz** | Pattern Recognition | 3 |  | 10 |
| **İlkbahar** |  |  |  |  |

**Not:** Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.