

ÖZGEÇMİŞ

1. **Adı Soyadı** : ASLI UYAR
2. **Doğum Tarihi** : 25/06/1980
3. **Unvanı** : Dr. Öğr. Üyesi
4. **Öğrenim Durumu** : Doktora
5. **Çalıştığı Kurum** : Okan Üniversitesi

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. C. 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. Banchemreau. 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 Communications** **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 Gynecology** **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 Gynecology** **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 kitabında basılan 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, ISICIS'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**, Transcriptomics 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.

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				

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