

ÖZGEÇMİŞ

1. KİŞİSEL BİLGİLER

Adı Soyadı (*Name – Surname*): Mehmet Batu Erman

Doğum Tarihi (*Date of Birth*) : _____

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Telefon (*Phone*) : _____

2. EĞİTİM (*EDUCATION*)

	Başlangıç Tarihi (Ay/Yıl) (<i>Start Date- Month/Year</i>)	Mezuniyet Tarihi (Ay/Yıl) (<i>Graduation Date - Month/Year</i>)	Üniversite (<i>University</i>)	Bölüm/Program (<i>Department/Program</i>)
Doktora (<i>PhD</i>)	1991	1998	Brandeis University, Waltham MA, ABD	Moleküler Biyoloji
Yüksek Lisans (<i>MSc/MA</i>)	-	-	-	-
Lisans (<i>BSc/BA</i>)	1987	1991	Hamilton College, NY, ABD	Moleküler Biyoloji

3. AKADEMİK UNVANLAR VE KADROLAR (*ACADEMIC TITLES AND POSITIONS*)

Boğaziçi Üniversitesi'nde ilk atanma tarihi (<i>Date of initial appointment at Boğaziçi University</i>)	21.12.2020
Boğaziçi Üniversitesi'nde ilk atandığı kadro (<i>First academic position at Boğaziçi University</i>)	Profesör
Boğaziçi Üniversitesi'nde Dr. Öğretim Üyeliğine ilk atanma tarihi (<i>Date of appointment as Assistant Professor at Boğaziçi University</i>)	Yok
Üniversitelerarası Kurul Doçentlik ünvan tarihi (<i>Date of Associate Professorship granted by the Turkish Inter-University Board</i>)	06.06.2005
Boğaziçi Üniversitesi'nde Doçentlik kadrosuna atanma tarihi (<i>Date of promotion to Associate Professorship at Boğaziçi University</i>)	Yok

4. BÜ DİŞİNDAKİ İŞ DENEYİMİ (AKADEMİK DİŞİNDAKİLER DE DAHİL)(*WORK EXPERIENCE OUTSIDE BU, INCLUDING NON-ACADEMIC POSITIONS*)^a

	İşveren (<i>Name of employer</i>)	Görevin adı (<i>Job title</i>)	Görev alma tarihleri (<i>Employment dates</i>)
1.	Experimental Immunology Branch, National Cancer Institute, National Institutes of Health, ABD	Doktora sonrası araştırmacı	1998-2004
2.	Sabancı Üniversitesi	Doçent	2004-2015
3.	Sabancı Üniversitesi	Profesör	2015-2020

5. ARAŞTIRMA KONULARI (*RESEARCH TOPICS/AREAS*)

1.	İmmunoloji (bağışıklık sistemi araştırmaları)
2.	Moleküler Biyoloji, yapısal biyoloji (protein kristalizasyonu ve yapı fonksiyon analizleri)
3.	Kanser ve bağışıklık sistemi hastalıklarını hedefleyen ilaç geliştirme araştırmaları
4.	Genom mühendisliği

^a Tablolara gerektiği kadar satır ilave edebilirsiniz. (You can add as many rows as necessary to the tables).

6. ARAŞTIRMA PROJELERİ (RESEARCH PROJECTS)

	Fonlayan kuruluş (Funding institution)	Proje başlığı (Project title)	Projedeki görev/sorumluluk (örn. yürütücü, araştırmacı vb.) (Position/responsibility in the project, e.g. principal investigator, researcher, etc.)	Tarihleri (Dates)
1.	TÜBİTAK 18AG013	İnflamazom Aracılı Otoenflamatuvar Hastalıkların Takip ve Tedavisine Yönelik Biyogösterge ve İleri Teknoloji Ürünü İlaçların Geliştirilmesi	Araştırmacı	2020-2024
2.	TÜBİTAK 18AG020	Covid-19 Hastalığının Tedavisine Yönelik İleri Teknoloji Ürünü İnflamazom Aracılı Anti-Otoenflamatuvar İlaçların Geliştirilmesi	Araştırmacı	2020-2021
3.	TÜBİTAK 318S202	The identification of mechanisms associated with the pathogenesis of regulatory T cell defects and discovery new biomarkers for diagnosis and follow-up	Araştırmacı	2019-2022
4.	TÜBİTAK-ARRS (Slovenia) 118Z015	Isolation of nanobodies suitable for tuning protein-protein interactions	Yürütücü	2018-2021
5.	TÜBİTAK 215S011, 215S615	Development of novel 2-indolinon compounds as anti-interleukin 1 and chemotherapeutic drugs	Yürütücü	2016-2019
6.	TÜBİTAK 115G016	Development of Bevacizumab Biosimilar Drugs	Araştırmacı	2016-2020
7.	TÜBİTAK-JSPS (Japan) 214Z124	Targeting Transcription Factor Binding Sites of the	Yürütücü	2015-2017

		Interleukin 7 Receptor Gene Using Genome Editing		
8.	The Royal Society, Birleşik Krallık NI140172	Structure Determination of Transcription Factor Proteins Important for Cancer	Yürütücü	2015-2017
9.	TÜBİTAK 212T026	Identification and characterization of small molecule inhibitors targeting DNA polymerase gamma to inhibit mitochondrial base excision repair pathway in the treatment of cancer	Araştırmacı	2014-2016
10.	TÜBİTAK 213S192	Developing cellular therapies for genetic cardiac arrhythmias and modeling disease by using induced pluripotent stem cells	Araştırmacı	2014-2017
11.	TÜBİTAK 113S811	Investigation of the mechanism of glucocorticoid dependent cell death and glucocorticoid resistance	Yürütücü	2014-2016
12.	TÜBİTAK COST Action BM 1206 111T401	Identification of New Factors Controlling p53 and the DNA Damage Response in T Lymphocytes	Yürütücü	2011-2014
13.	TÜBİTAK 109T315	Investigation of the IL-7 Cytokine Receptor (IL-7R) Gene Control Mechanism	Yürütücü	2010-2013
14.	National Institutes of Health, Fogarty International Research Collaboration Award (FIRCA)	Transcriptional control of IL-7 receptor (IL-7R) in T cells	Yürütücü	2009-2012

	1R03TW008208			
15.	National Institutes of Health, Fogarty International Center, Global Health Research Initiative Program For New Foreign Investigators (GRIP) 1R01TW007270	The role of CD3 in T lymphocyte function	Yürütücü	2007-2012
16.	TÜBİTAK 107T153	Discovery of new proteins and intracellular signaling pathways controlling autophagy and autophagic cell death	Araştırmacı	2007-2010
17.	E.U. 6th FW Program, Marie Curie Research Training Network MRTN-CT-2006-035733	Chromatin Structure and Plasticity	Araştırmacı	2006-2010
18.	TÜBİTAK 104T237	The role of CD3 in TCR signaling	Yürütücü	2005-2008
19.	TÜBİTAK 104O383	Isolation and characterization of starch biosynthetic cDNA genes from lentil (<i>Lens culinaris</i> Medic)	Araştırmacı	2005-2008
20.	E.U. 6th FW Program, Marie Curie International Reintegration Grant 17424	Screening for plant factors that modify the function of the mammalian immune system	Yürütücü	2005-2007

7. YAYIN SAYILARI (NUMBER OF PUBLICATIONS)

Uluslararası hakemli dergilerde yayımlanan makaleler (Publications in refereed international journals)		Adayın kendi doktora tezinden kaynaklanan yayınlar (Publications based on the applicant's PhD dissertation)	Adayın kendi doktora tezi kapsamı dışındaki yayınları (Publications independent of the applicant's PhD dissertation)	Adayın yönettiği lisansüstü tezlerden kaynaklanan yayınları (Publications based on graduate theses supervised by the applicant)
	Index			
	SCI-E/SSCI/AHCI	2	48	3
	ESCI			
	Scopus		1	
Diğer endeksler (Other indexes)				
Kitaplar (Books)		Uluslararası (International publishers)		
		Ulusal (National publishers)		
Kitap bölümleri (Book chapters)		Uluslararası (International publishers)		
		Ulusal (National publishers)	1+1(çeviri)	
Kitap editörlükleri (Edited books)		Uluslararası (International publishers)		
		Ulusal (National publishers)		

8. ATIFLAR (CITATIONS) Web of Science ve Google Scholar atıf sonuçlarını bu tabloda sununuz. (Please present Web of Science and Google Scholar citation statistics).

	Web of Science	Google Scholar
h-endeksi/h-index	21	23
Kendine atıflar hariç atıf sayısı (Number of citations, excluding self-citations)		
Toplam atıf sayısı (Total number of citations)	2394	3542

9. PATENTLER (PATENTS)

	Patent/buluş sahip(ler)i (Owner(s) of the patent/invention)	Patent/buluş başlığı (Title of invention/patent)	Patent numarası (Patent number)	Patent başvuru tarihi (Patent filing/application date)	Yayın yılı (Publication Year)	Patent Ofisi (Patent Office)
1.	Tolga SUTLU, Adil Doganay DURU, Batu ERMAN	Natural Killer (NK) Cells Expressing An Antigen- Specific Functional T Cell Receptor (TCR) Complex, Methods For Production Thereof, And Methods For Therapeutic Use Thereof	PCT/US2 018/0124 03, WO20181 29199A1	04/01/2018		PCT
2.	ERMAN, Batu; ERMAN, Burak; MUFTUOGLU, Meltem	Novel DNA Polymerase Gamma Inhibitor And Uses Thereof	PCT/TR2 018/0503 20	25/06/2018		PCT

10. YÖNETİLEN TEZ SAYILARI (NUMBER OF THESES SUPERVISED)^b

	Yüksek Lisans (MA/MSc)	Doktora (PhD)	Kurum (Institution)
Tamamlanmış (Completed)	22	7	Sabancı Üniversitesi
Devam eden (Ongoing)	0 3	4 1	Sabancı Üniversitesi Boğaziçi Üniversitesi

11. ÖDÜLLER (AWARDS)^c

Ödülün adı (Award title)	Ödülü veren kuruluş (Awarding institution)	Ödül yılı (Award year)
Senih Fikriğ Award	Robert College, Istanbul	2013
FABED	Feyzi Akkaya Scientific Activities Support Fund	2008
Marie Curie Excellence Award	European Commission	2008
BAGEP	Türkiye Bilimler Akademisi	2006

12. YAYIN LİSTESİ (LIST OF PUBLICATIONS)^d

A. ULUSLARARASI HAKEMLİ DERGİLERDE YAYIMLANAN MAKALELER^e (PUBLICATIONS IN REFEREED INTERNATIONAL JOURNALS)

Endeks bilgisi belirtilmediyse Science Citation Index Expanded

Piepoli, S., Nogay, L., Akkose, U., Barakat, S., Taskiran, H., Tolay, N., Gezen, M., Adebali, O., Atilgan, C., **Erman, B.** “Sibling rivalry among the ZBTB transcription factor family: homo vs. heterodimers” (2022) **bioRxiv** 2021.12.17.472994; DOI: <https://doi.org/10.1101/2021.12.17.472994>

Somuncu, B., Ekmekcioglu, A., Antmen, F.M., Ertuzun, T., Deniz, E., Keskin, N., Park, J., Yazici, I.E., Simsek, B., **Erman, B.**, Yin, W., Erman, B., Muftuoglu, M. “Targeting mitochondrial DNA polymerase gamma for selective inhibition of MLH1 deficient colon cancer growth” (2022) **PLOS One** 2022 Jun 3;17(6):e0268391. DOI: [10.1371/journal.pone.0268391](https://doi.org/10.1371/journal.pone.0268391)

Shinzawa, M., Moseman, E., Gossa, S., Mano, Y., Bhattacharya, A., Guinter, T., Dr Alag, A., Chen, X., Cam, M., McGavern, D., **Erman, B.**, Singer, A. “Reversal of the T cell immune system reveals the molecular basis for T cell lineage fate determination in the thymus” (2022) **Nature Immunology** 23, pages 731–742 (2022) DOI: [10.1038/s41590-022-01187-1](https://doi.org/10.1038/s41590-022-01187-1)

Barakat, S., Zahedimaram, P., Berksoz, M., Piepoli, S., **Erman, B.** “Nanobodies as molecular imaging probes” (2022) **Free Radical Biology and Medicine** DOI : [10.1016/j.freeradbiomed.2022.02.031](https://doi.org/10.1016/j.freeradbiomed.2022.02.031)

Hacisuleyman, A., Erkip, A., **Erman, B.**, Erman, B. “Synchronous and Asynchronous Response in Dynamically Perturbed Proteins”. **J Phys Chem B** (2021) 125(3):729-739. DOI: [10.1021/acs.jpcc.0c08409](https://doi.org/10.1021/acs.jpcc.0c08409). PMID: 33464898 Biorxiv DOI: [10.1101/2020.02.06.936856](https://doi.org/10.1101/2020.02.06.936856)

Piepoli, S., Shamloo, B., Bircan, A., Adebali, O., **Erman, B.** Molecular Biology of SARS-CoV-2 (2020) *Turkish Journal of Immunology* 8(2):73–88 DOI: [10.25002/tji.2020.1293](https://doi.org/10.25002/tji.2020.1293) (SCOPUS)

Piepoli, S., Alt, A.O., Atilgan, C., Mancini, E.J. and **Erman, B.** Structural Analysis of the PATZ1 BTB domain homodimer (2020) **Acta Crystallographica Section D**. Jun 1;76(Pt 6):581-593. DOI: [10.1107/S2059798320005355](https://doi.org/10.1107/S2059798320005355)

Kırımtay K, Selçuk E, Kelle D, **Erman B**, Karabay A. p53 regulates katanin-p60 promoter in HCT 116 cells. **Gene**. 2020 Feb 15;727:144241. DOI: [10.1016/j.gene.2019.144241](https://doi.org/10.1016/j.gene.2019.144241)

Ozyerli-Goknar E, Sur-Erdem I, Seker F, Cingöz A, Kayabolen A, Kahya Z, Uyulur F, Gezen M, Tolay, N, **Erman B**, Gönen M, Oppermann U, Bagci-Onder T, The fungal metabolite chaetocin is a sensitizer for pro-apoptotic therapies in glioblastoma (2019) **Cell Death and Disease**, **10**, 849. DOI: [10.1038/s41419-019-2107-y](https://doi.org/10.1038/s41419-019-2107-y)

Parlar, A., Sayitoglu, E.C., Ozkazanc, D., Georgoudaki, A., Pamukcu, C., Aras, M., Josey, B.J., Chrobok, M., Brannecki, S., Zahedimaram, P., Ikromzoda, L., Alici, E., **Erman, B.**, Duru, A.D., Sutlu, T., Engineering antigen-specific natural killer cells against the melanoma-associated antigen tyrosinase via TCR gene transfer (2019) **European Journal of Immunology** Aug;49(8):1278-1290. DOI: [10.1002/eji.201948140](https://doi.org/10.1002/eji.201948140)

Bonjoch, L., Mur, P., Arnau-Collell, C., Vargas-Parra, G., Shamloo, B., Franch-Expósito, S., Pineda, M., Capellà, G. **Erman, B.**, Castellví-Bel, S. Approaches To Functionally Validate Candidate Genetic Variants Involved In Colorectal Cancer Predisposition (2019) **Molecular Aspects of Medicine** Special Issue: New insights on the molecular aspects of colorectal cancer. DOI: [10.1016/j.mam.2019.03.004](https://doi.org/10.1016/j.mam.2019.03.004)

Nadernezhad, A. Caliskan, O.S. Topuz, F. Afghah, F. **Erman, B.** and Koc, B. Nanocomposite Bioinks Based on Agarose and 2D Nanosilicates with Tunable Flow Properties and Bioactivity for 3D Bioprinting (2019) **ACS Appl. Bio Mater.**, 2 (2), pp 796–806 DOI: 10.1021/acsabm.8b00665 (SCOPUS)

Etzensperger R, Kadakia T, Tai X, Alag A, Ginter TI, Egawa T, **Erman B**, Singer A. Identification of lineage-specifying cytokines that signal all CD8+ cytotoxic-lineage-fate 'decisions' in the thymus. (2017) **Nat Immunol.** Sep 25. doi: 10.1038/ni.3847.

Deniz E, **Erman B.** Long noncoding RNA (lincRNA), a new paradigm in gene expression control (2016) **Funct Integr Genomics** DOI: 10.1007/s10142-016-0524-x

Atasever-Arslan, B, Yilancioglu, K, Kalkan, Z, Timucin, AC, Gur, H, Isik, FB, Deniz, E, Erman, B, Cetiner, S. Screening of new antileukemic agents from essential oils of algae extracts and computational modeling of their interactions with intracellular signaling nodes. **European Journal of Pharmaceutical Sciences** 83: 120-131 DOI: 10.1016/j.ejps.2015.12.001

Keskin, N., Deniz, E., Eryilmaz, J., Un, M., Ersahin, T., Cetin Atalay, R., Sakaguchi, S., Ellmeier, W. and **Erman, B.** PATZ1 is a DNA damage responsive alternatively spliced heterodimeric transcription factor that inhibits p53 function (2015) **Molecular and Cellular Biology** DOI:10.1128/MCB.01475-14

Yilancioglu K, Cokol M, Pastirmaci I, **Erman B**, Cetiner S. Oxidative Stress Is a Mediator for Increased Lipid Accumulation in a Newly Isolated *Dunaliella salina* Strain. **PLoS ONE** 2014 9(3): e91957. doi:10.1371/journal.pone.0091957

Tai, X., **Erman, B.**, Alag. A., Mu J., Kimura M., Katz G., Ginter, T., McCaughtry, T., Etzensperger, R., Feigenbaum, L., Singer, D.S. and Singer, A. Foxp3 is pro-apoptotic and lethal to developing regulatory T cells unless counterbalanced by cytokine survival signals. **Immunity**, 2013, Jun 27;38(6):1116-28. DOI: 10.1016/j.immuni.2013.02.022.

Atasever Arslan B, Erdem-Kuruca S, Karakas Z, **Erman B**, Ergen A. Effects of micro environmental factors on natural killer activity (NK) of beta thalassemia major patients. **Cell Immunol.** 2013 Apr;282(2):93-9. DOI: 10.1016/j.cellimm.2013.04.012.

Cevik, S.I., Keskin, N., Deniz, E., Belkaya, S., Ozlu, M.I., Tazebay, U.H., **Erman, B.** CD81 interacts with the T cell receptor to suppress signaling. **PLoS ONE**, 2012, 7(11): e50396. DOI:10.1371/journal.pone.0050396

McCaughtry, T.M., Etzensperger, R., Alag, A., Tai, X., Kurtulus, S., Park, J-H., Grinberg, A. Love, P., Feigenbaum, L., **Erman, B.**, Singer, A. Conditional deletion of cytokine receptor chains reveals that IL-7 and IL-15 specify CD8 cytotoxic lineage fate in the thymus. **Journal of Experimental Medicine**, 2012, Nov 19;209(12):2263-76. DOI: 10.1084/jem.20121505

Ligons, D.L., Tuncer, C., Linowes, B.A., Akcay, I.M., Kurtulus, S., Deniz, E., Atasever Arslan, B., Cevik, S.I., Keller, H.R., Luckey, M.A., Feigenbaum, L., Möröy, T., Ersahin, T., Atalay, R. and **Erman, B.**, Park, J-H. CD8 Lineage-specific Regulation of Interleukin-7 Receptor Expression by the Transcriptional Repressor Gfi1. **Journal of Biological Chemistry**. 2012 Oct 5;287(41):34386-99 DOI: 10.1074/jbc.M112.378687

Adoro, S., McCaughtry, T., **Erman, B.**, Alag, A., Van Laethem, F., Park, JH., Tai, X., Kimura, M., Wang, L., Grinberg, A., Kubo, M., Bosselut, R., Love, P., Singer, A. Coreceptor gene imprinting governs thymocyte lineage fate. **EMBO J.** 2011 Oct 28;31(2):366-77. doi: 10.1038/emboj.2011.388.

Park, J-H., Adoro, S., Guintier, T., **Erman, B.**, Alag, A., Catalfamo, M., Kimura, M.Y., Cui, Y., Lucas, P.J., Gress, R.E., Kubo, M., Hennighausen, L., Feigenbaum, L., and Singer, A. (2010) Signaling by intrathymic cytokines, not T cell antigen receptors, specifies CD8 lineage choice and promotes the differentiation of cytotoxic-lineage T cells. **Nature Immunology**. Mar;11(3):257-64.

Guimond, M., Veenstra R.G., Grindler, D.J., Zhang, H., Cui, Y., Murphy, R.D., Kim, S.Y., Na, R., Hennighausen, L., Kurtulus, S., **Erman, B.**, Matzinger, P., Merchant, M.S., Mackall, C.L. (2009) IL-7 signaling in dendritic cells regulates CD4+ T cell homeostatic proliferation and CD4+ T cell niche size. **Nature Immunology**. Feb 10(2):149-157.

Adoro S, **Erman B**, Sarafova SD, Van Laethem F, Park JH, Feigenbaum L, Singer A. (2008) Targeting CD4 coreceptor expression to postselection thymocytes reveals that CD4/CD8 lineage choice is neither error-prone nor stochastic. **J Immunol**. Nov 15;181 (10):6975-83.

Park JH, Adoro S, Lucas PJ, Sarafova SD, Alag AS, Doan LL, **Erman B**, Liu X, Ellmeier W, Bosselut R, Feigenbaum L, Singer A. (2007). 'Coreceptor tuning': cytokine signals transcriptionally tailor CD8 coreceptor expression to the self-specificity of the TCR. **Nature Immunology**. Oct; 8(10):1049-1059.

Erman, B., Alag, A.S., Dahle, O., van Laethem F., Sarafova, S.D., Guintier, T.I., Sharrow, S.O., Grinberg, A., Love, P.E., and Singer, A. (2006). Coreceptor Signal Strength Regulates Positive Selection but does not Determine CD4/CD8 Lineage Choice in a Physiologic In Vivo Model. **Journal of Immunology**. 177, 6613 – 6625.

Yu, Q., Park, H., Doan, L., **Erman, B.**, Feigenbaum, L., and Singer, A., (2006) Cytokine signal transduction is suppressed in preselection double positive thymocytes and restored by positive selection. **The Journal of Experimental Medicine**. 203 (1),165-75.

Sarafova, S., **Erman B.**, Yu, Q., Van Laethem, F., Guintier, T., Sharrow, S., Feigenbaum, L., Wildt, K.F., Bosselut, R., Ellmeier, W. and Singer, A. (2005). Modulation of Coreceptor Transcription During Positive Selection Dictates Lineage Fate Independently of TCR/Coreceptor Specificity. **Immunity**. 23, 75-87.

Park, J., Yu, Q., **Erman, B.**, Appelbaum, J., Montoya-Durango, D., Grimes, H. L., and Singer, A. (2004). Suppression of IL-7Ralpha Transcription by IL-7 and other Pro-Survival Cytokines: A Novel Mechanism for Maximizing IL-7 Dependent T cell Survival. **Immunity**. 21, 289–302.

Yu, Q., **Erman, B.**, Park, J., Feigenbaum, L., and Singer, A. (2004). IL-7 Receptor Signals Inhibit Expression of Transcription Factors TCF-1, LEF-1 and RORgammat and Must be Terminated for Thymocyte Differentiation to Proceed. **The Journal of Experimental Medicine**. 200 (6), 797-803.

Erman, B., Guintier, T., and Singer, A. (2004). Defined alpha beta T Cell Receptors with Distinct Ligand Specificities do not Require Those Ligands to Signal DN Thymocyte Differentiation. **The Journal of Experimental Medicine**. 199, 1719-1724.

Yu, Q., **Erman, B.**, Bhandoola, A., Sharrow, S.O., and Singer, A. (2003). In Vitro Evidence That Cytokine Receptor Signals Are Required for Differentiation of Double Positive Thymocytes into Functionally Mature CD8+ T Cells. **The Journal of Experimental Medicine**. 197, 475-487.

Erman, B., Feigenbaum, L., Coligan, J.E., and Singer, A. (2002). Early TCRalpha expression

generates TCRalphagamma complexes that signal the DN-to-DP transition and impair development. **Nature Immunology**, **3**, 564-569.

Tian, G., **Erman, B.**, Ishii, H., Gangopadhyay, S. S. and Sen R. (1999). Transcriptional Activation by ETS and Leucine Zipper-Containing Basic Helix-Loop-Helix Proteins. **Molecular and Cellular Biology**, **19**, 2946-2957. DOI: 10.1128/MCB.19.4.2946

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Erman, B., and Sen, R. (1996). Context dependent transactivation domains activate the immunoglobulin Mu heavy chain enhancer. **EMBO Journal**, **15**, 4665-4675. DOI: 10.1002/J.1460-2075.1996.TB00843.X

Nelsen, B., Tian, G., **Erman, B.**, Gregoire, J., Maki, R., Graves, B., and Sen, R. (1993). Regulation of lymphoid-specific immunoglobulin Mu heavy chain gene enhancer by ETS-domain proteins. **Science**, **261**, 82-86. DOI: 10.1126/SCIENCE.8316859

Shenkin, P.S., **Erman, B.** and Mastrandrea, L.D. (1991). Information-theoretical entropy as a measure of sequence variability. **Proteins**, **11**, 297-313. DOI: 10.1002/PROT.340110408

B. ULUSLARARASI KİTAPLAR, KİTAP BÖLÜMLERİ VE KİTAP EDİTÖRLÜKLERİ
(BOOKS, BOOK CHAPTERS, AND EDITORSHIPS FOR INTERNATIONAL PUBLISHERS)

YOK

C. ULUSAL HAKEMLİ DERGİLERDE YAYIMLANAN MAKALELER
(PUBLICATIONS IN REFEREED NATIONAL JOURNALS)

Naba, M.N., Tolay, N., **Erman, B.**, Sayi Yazgan, A. The upregulation of PD-L1 expression by doxorubicin in HCT116 colorectal cancer cells accompanied by reduction of miR-140 expression (2019) **Turkish Journal of Biology** DOI: 10.3906/biy-1909-12

D. ULUSAL KİTAPLAR, KİTAP BÖLÜMLERİ VE KİTAP EDİTÖRLÜKLERİ
(BOOKS, BOOK CHAPTERS, AND EDITORSHIPS FOR NATIONAL PUBLISHERS)

Shamloo, B., and **Erman, B.** Immune Receptors and Signal Transduction: T and B cell receptors (Immun reseptorler ve sinyal iletimi: T ve B hucre reseptorleri) in **Infection Pathogenesis and Immunity (Enfeksiyon Patogenezi ve Bağışıklık)**, (in Turkish) Ed.s Hakan Abacioglu, Selim Badur and Betigül Öngen (2015)

13. YÖNETİLEN TEZLERİN LİSTESİ (LIST OF THESES SUPERVISED)

- 2020 *Characterization of the PATZI BTB domain* **Sofia Piepoli, PhD.**
- 2020 *Development of a Novel In Vitro Screening Method Using Genetically Modified NK-92 Cells Against Various Tumor Cells* **Didem Özkazanç Ünsal, PhD.**
- 2020 *Functional Analysis Of A Novel Mutation In The CD70 Gene Leading To Primary Immunodeficiency Disease* **Seden Bedir, MSc.**
- 2019 *An Interaction Matrix of BTB Domain-Containing Transcription Factors* **Liyne Nogay, MSc.**
- 2019 *Exploring Nanobodies Interrupting The Interaction Between P53 And Mdm4* **Sanem Sariyar, MSc.**
- 2019 *Identification Of Immunological Genes Important For Cytotoxicity* **Sinem Usluer, MSc.**
- 2018 *Screening Of p53-Mdm2 Interaction Inhibitors Through Genome Editing, High-Content Screening, And Surface*

- Plasmon Resonance* **Hakan Taskiran, MSc.**
- 2018 *Generation Of Reporter Cell Lines By Genome Editing To Probe p53 Activity* **Nazife Tolay, MSc.**
- 2017 *Intracellular Immunodynamics of Lentiviral Gene Delivery in Human Natural Killer Cells.*
Canan Sayitoglu, PhD.
- 2017 *Targeting Transcription Factor Binding Sites Of The Interleukin 7 Receptor Gene Using Crispr/Cas9 Genome Editing* **Ronay Cetin, MSc.**
- 2016 *Characterization Of The C-Terminal Domain Of The P53 Tumor Suppressor* **Bahar Shamloo, PhD.**
- 2016 *Modeling Of The Mechanism Of The Glucocorticoid Resistance Using Crispr/Cas9 Mediated Genome Editing* **Ahsen Ozcan, MSc.**
- 2015 *Microscopic Analysis of The Aneuploidy Induced by The Mutation of the CCDC124 Gene* **Asma Abdullah Al-Murtadha, MSc.**
- 2014 *The Role Of PATZ1 Transcription Factor In The DNA Damage Response* **Emre Deniz, PhD.**
- 2014 *Identification Of PATZ1 Transcription Factor As A Novel Interacting Partner and Regulator Of The P53 Tumor Suppressor Protein* **Nazlı Keskin, PhD.**
- 2014 *Genome Editing Of The Il-7 Receptor Gene Locus Using Talens* **Gülperi Yalçın, MSc.**
- 2013 *Generation Of Xanthomonas Derived Tale Proteins That Inhibit Gene Transcription* **Şeyda Şaziye Temiz, MSc.**
- 2011 *The Role of BTB/Zinc Finger Transcription Factor Patz1/MAZR in the Regulation of p53-mediated DNA Damage Response During T Cell Development,* **Manolya Un, MSc.**
- 2010 *Transcriptional Regulation of Il-7r alpha Gene In T Lymphocytes,* **Izzet Mehmet Akcay, MSc.**
- 2010 *The Role Of CD3 delta and Rag1ap1 Proteins In T Cell Receptor Expression,* **Nazlı Keskin, MSc.**
- 2010 *The Role Of CD3 Delta Interacting Proteins In T-Cell Receptor Assembly and Signaling,* **Şafak Işıl Çevik, PhD.**
- 2009 *Identification Of The Interacting Protein Partners Of The Thpok Transcription Factor,* **Serkan Belkaya, MSc.**
- 2009 *Molecular Biological Investigation Of Interleukin-7 Receptor Gene Expression In T Lymphocytes,*
Gamze Günel, MSc.
- 2009 *Nuclear Translocation Of Nfat Family Proteins In Human Reporter Cell Lines,* **Abdalsalam Omer Kmail, MSc.**
- 2009 *Identification Of The Interacting Partners Of Cd3d,* **M. İlçim Ozlu MSc.**
- 2007 *Screening of Plant factors that modulate the activation of the NF-kB transcription factor in mammalian cells,*
Pınar Önal, MSc.
- 2006 *Determination Of Cis-Acting Regulatory Elements Of The Il-7ra Gene Using Flow Cytometric Reporter Assays,*
Şafak Işıl Nalbant, MSc.
- 2005 *Identification of Upstream Conserved Noncoding Sequences For The Analysis of Transcriptional Activation Of Il-7 Receptor Alpha Gene* **Halil İbrahim Aksoylar, MSc.**
- 2005 *Genetic Reporter Assays To Study The Regulation Of Interleukin-7 Receptor Alpha Gene Expression,*
Sema Kurtulus, MSc.

^b Bu tablolara sadece yönetilen tez sayıları yazınız. Tezlerin tam listesi 13. kısımda verilmelidir (*Please note in the tables only the number of theses supervised. The full list of theses supervised is to be provided in section 13.*)

^c Lütfen BÜVAK ve TÜBİTAK yayın teşviklerini bu kategoride listelemeyiniz (*Please do not list the publication incentive awards granted by BUVAK and TUBITAK in this category.*)

^d En güncel yayından en eski yayına doğru sıralayınız (*Please list the publications in reverse chronological order.*)

^e Lütfen dergilerin **endeks bilgilerini** de not ediniz. (*Please also indicate the index information of the journals.*)

14. SON ÜÇ YILDAKİ KONFERANS SUNULARI (CONFERENCE PRESENTATIONS IN THE LAST THREE YEARS)

- 15 - 18 December 2019, 2019 Max Planck Institute Ringberg Seminar: Matter to Life, Self versus nonself: molecular choice and sibling rivalry among the ZBTB transcription factor family.
- 20 Mart 2019, Yıldız Teknik Üniversitesi 5.Genetik Günleri Konferansı, "Bağımlılık sistemi gelişimi"
- 11 Mart 2019, IV. Çukurova Biyoteknoloji Günleri, "CRISPR/Cas9 Genom Mühendisliği Teknikleri ile proteinlerde yapı-işlev bağlantılarının çalışılması"
- 22 Şubat 2019, Abdullah Gul Üniversitesi Kayseri, IV. Yaşam Bilimleri Kongresi
- 4 May, 2019, Bilgi University 3. National Genetics and Bioengineering Congress
- 11 Subat 2018 Bahcesehir Üniversitesi IV. Bioinovation Kongresi, Bahçeşehir Üniversitesi/ Fazıl Say Konferans Salonu / Beşiktaş Kampüsü
- 19-20 Nisan 2018 Marmara Üniversitesi, Işıl Barlan İmmün Yetmezlikler Sempozyumu Pendik Eğitim ve Araştırma Hastanesi, İstanbul
- 29-30 Kasım 2018 X. Aziz Sancar DETAE Günleri İstanbul Üniversitesi Aziz Sancar Deneysel Tıp Araştırma Enstitüsü
- 26-28 Mayıs 2018 Genome Maintenance, DNA Repair and Cancer Conference Acibadem Üniversitesi
- 18-21 Ekim, 2018 Makale Nasıl Yazılır? Kurs organizasyonu, Turk Immunoloji Derneği ve Molekuler Biyoloji Derneği, Immunolojide Molekuler Sempozyumu Ozdere, Izmir

15. İDARİ GÖREVLERİ (ADMINISTRATIVE POSITIONS)

	Kurum (Institution)	Fakülte/Bölüm Adı Faculty/Department)	Görev (Administrative position)	Tarihler (Dates)
1.			YOK	
2.				
3.				

16. SON BEŞ YILDA VERİLEN LİSANS VE LİSANSÜSTÜ DERSLER (UNDERGRADUATE AND GRADUATE COURSES TAUGHT IN THE LAST 5 YEARS)

Dersin verildiği kurum (Institution)	Dersin kodu (Course code)	Dersin adı (Course title)	Yılı ve dönemi (Year and semester)	Fakülte/YO/Enst. yüzdelerik sıra (Faculty/School/Institute Percentile Rank)
Boğaziçi Üniversitesi	BIO 407	Seminar	2021 Güz	Lisans
Boğaziçi Üniversitesi	BIO 591	Special Topics: Virology	2021 Güz	Yüksek lisans
Boğaziçi Üniversitesi	BIO 58H	Special Topics: Advanced Immunology	2021 Bahar	Yüksek lisans
Boğaziçi Üniversitesi	BIO 310	Cellular and Molecular Biology III	2021 Bahar	Lisans
Boğaziçi Üniversitesi	BIO 528	Immunology	2022 Bahar	Yüksek lisans
Boğaziçi Üniversitesi	BIO 595	Special Topics:Fluorescence Techniques	2021 Bahar	Yüksek lisans
Sabancı Üniversitesi	BIO467/567	Signal Transduction	2004-2020 her Bahar	Lisans/ Yüksek lisans
Sabancı Üniversitesi	BIO453/502	Immunology	2004-2020 her Güz	Lisans/ Yüksek lisans
Sabancı Üniversitesi	NS 201	Discovering Life	2005-2017 her Güz	Lisans
Sabancı Üniversitesi	BIO 58001	Genome Engineering	Güz 2019	Yüksek lisans
Sabancı Üniversitesi	BIO 332	Cell Biology	Güz 2018	Lisans
Sabancı Üniversitesi	BIO 606	Advanced Immunology	Güz 2008&2017& Bahar 2006	Yüksek lisans
Sabancı Üniversitesi	BIO 641	Signal Transduction in Biology	Güz 2007& Bahar 2017	Yüksek lisans
Sabancı Üniversitesi	BIO 581	Spc.Top.in Bio.Sci.&Bioeng	Bahar 2011	Yüksek lisans
Sabancı Üniversitesi	BIO 301	Intro. to Molecular Biology	Bahar 2005	Lisans

