

## Asst. Prof. ELİF AYSİMİ DUMAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAX-5138-2021

ScopusID: 26221688200

### Education Information

Doctorate, State University of New York at Stony Brook, United States Of America 2007 - 2012

Undergraduate, Istanbul Technical University, Fen-Edebiyat, Moleküler Biyoloji Ve Genetik, Turkey 2002 - 2006

### Research Areas

Psychology, Behavioural Sciences, Life Sciences

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Early-life adversity severity, timing, and context type are associated with SLC6A4 methylation in emerging adults: Results from a prospective cohort study**  
Koning S. M., Kessler C. L., Canli T., DUMAN E. A., Adam E. K., Zinbarg R., Craske M. G., Stephens J. E., Vrshek-Schallhorn S.  
Psychoneuroendocrinology, vol.170, 2024 (SCI-Expanded)
- II. **Stress-responsive Psychobiological Markers During Pregnancy and Fetal and Infant Outcomes Across Countries**  
Aran Ö., Duman E. A., Abuaish S., Doom J.  
PSYCHONEUROENDOCRINOLOGY, vol.160, pp.106696, 2024 (SCI-Expanded)
- III. **Classroom chaos and program quality in early child care and education programs: A study from Turkey**  
Corapci F., Eroglu-Ada F., Kalkan R. B., DUMAN E. A.  
Early Childhood Research Quarterly, vol.65, pp.32-41, 2023 (SSCI)
- IV. **Diurnal cortisol variation during pregnancy in Turkish origin and non-migrant women in a German birth cohort study**  
Entringer S., Scholaske L., Kurt M., Duman E. A., Adam E. K., Razum O., Spallek J.  
Journal of Psychosomatic Research, vol.162, 2022 (SCI-Expanded)
- V. **Association of maternal migrant background with inflammation during pregnancy – Results of a birth cohort study in Germany**  
Spallek J., Scholaske L., Duman E. A., Razum O., Entringer S.  
Brain, Behavior, and Immunity, vol.96, pp.271-278, 2021 (SCI-Expanded)
- VI. **A simple modification to the luminometric methylation assay to control for the effects of dna**

### **fragmentation**

Duman E. A., Kriaucionis S., Dunn J. J., Hatchwell E.  
BioTechniques, vol.58, no.5, pp.262-264, 2015 (SCI-Expanded)

### **VII. Genetics of emotion regulation**

Canli T., Ferri J., Duman E. A.  
Neuroscience, vol.164, no.1, pp.43-54, 2009 (SCI-Expanded)

### **VIII. No association between two polymorphisms of the serotonin transporter gene and combined type attention deficit hyperactivity disorder**

Xu X., Aysimi E. A., Anney R., Brookes K., Franke B., Zhou K., Buschgens C., Chen W., Christiansen H., Eisenberg J., et al.  
American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics, vol.147, no.7, pp.1306-1309, 2008 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Associations between prenatal distress, mitochondrial health, and gestational age: findings from two pregnancy studies in the USA and Turkey.**  
Huang Q., Shire D., Hollis F., Abuaish S., Picard M., Monk C., Duman E. A., Trumpff C.  
bioRxiv : the preprint server for biology, 2024 (Peer-Reviewed Journal)
- II. **Examining the Relationship of Home and Child Care Chaos to Children's Executive Functions**  
ADA F. E., Corapci F., DUMAN E. A.  
Psikoloji çalışmaları (Online), vol.43, no.1, pp.141-170, 2023 (ESCI)
- III. **Associations of State and Trait Loneliness with Gender and Psychosocial Factors in Undergraduates**  
DUMAN E. A.  
Boğaziçi Üniversitesi Eğitim Dergisi, vol.38, no.1, pp.25-42, 2021 (Peer-Reviewed Journal)
- IV. **Genetics of Risk-Taking Behavior: Current Knowledge, Challenges and Future Directions**  
ATEŞYAKAR N., DUMAN E. A.  
Journal of Yasar University, vol.16, no.62, pp.718-738, 2021 (Peer-Reviewed Journal)
- V. **Individual differences in risk-taking preference of undergraduate students**  
Duman E. A.  
Bogazici Journal, vol.34, no.2, pp.177-192, 2021 (Scopus)
- VI. **Multilevel Impact of Prenatal Risk and Protective Factors on Stress Biology and Infant Development: Study protocol of BABIP prospective birth cohort from Turkey.**  
Duman E. A., Atesyakar N., Ecevitoglu A.  
Brain, behavior, & immunity - health, vol.1, pp.100005, 2019 (Peer-Reviewed Journal)
- VII. **Influence of life stress, 5-HTTLPR genotype, and SLC6A4 methylation on gene expression and stress response in healthy Caucasian males**  
Duman E. A., Canli T.  
Biology of Mood and Anxiety Disorders, vol.5, no.1, 2015 (Scopus)

## **Books & Book Chapters**

- I. **Mechanisms Linking Prenatal Environment and Child Development: The Case of BABIP Birth Cohort from Turkey**  
DUMAN E. A.  
in: Childhood in Turkey: Educational, Sociological, and Psychological Perspectives, Şen, Hilal H., Selin, Helaine, Editor, Springer Nature, Cham, pp.123-135, 2022
- II. **Psikolojik Süreçler ve Gen-Çevre Etkileşimleri: Temel kavram, yöntem ve yaklaşımlar**  
DUMAN E. A.

in: Psikolojide Bilişsel ve Davranışsal Süreçlere Deneysel Yaklaşımlar , Ünal Güneş, Ayhan İnci, Editor, Nobel Akademik Yayıncılık, pp.1-49, 2021

**III. Stres ve Psikosomatik Hastalıklar: Gen-Çevre Etkileşimleri ve Epigenetik Mekanizmaların Önemi**  
DUMAN E. A.

in: Stres ve Bedensel Hastalıklar: Günümüzde Psikosomatik Tıp, Şar, Vedat, Editor, Türkiye Klinikleri, Ankara, pp.6-15, 2018

**IV. Social behavior and serotonin**

DUMAN E. A., Canli T.

in: Handbook of the Behavioral Neurobiology of Serotonin, Müller, Christian P., Jacobs, Barry L., Editor, Elsevier, San Diego, pp.449-456, 2010

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Perinatal Dönem ve Epigenetik Mekanizmalar**

DUMAN E. A.

5. Uluslararası Koru Gebelik Doğum Lohusalık Kongresi, Bolu, Turkey, 17 February 2022

**II. The role of maternal early and perinatal stress on maternal and infant outcomes in BABIP birth cohort.**

DUMAN E. A.

ISPNE 2022 Yıllık Konferansı, Chicago, United States Of America, 8 - 10 September 2022

**III. Perinatal Dönemde Epigenetik Mekanizmaların Etkisi**

DUMAN E. A.

2. Uluslararası Anadolu Ebeler Derneği Kongresi, Eskişehir, Turkey, 19 - 22 May 2022

**IV. Childhood maltreatment and inflammation during pregnancy: impact on pregnancy-related worries and newborn outcomes in the BABIP birth cohort**

ECEVİTOĞLU A., Ateşyakar N., DUMAN E. A.

50th Annual Conference of International Society of Psychoneuroendocrinology, Pandemi nedeniyle Chicago yerine Sanal, United States Of America, 27 August 2020

**V. Differential patterns of diurnal cortisol by home and daycare chaos in young children.**

DUMAN E. A., ÇORAPÇI F.

49th International Society of Psychoneuroendocrinology Conference, Milan, Italy, 29 - 31 August 2019

**VI. Long-term effects of early environment on HPA-axis activity and behavior**

DUMAN E. A.

45th Annual Meeting of Psychologie und Gehirn, Dresden, Germany, 20 - 22 June 2019

**VII. Gene-Environment interactions on CAR in emerging adults.**

DUMAN E. A.

47th International Society of Psychoneuroendocrinology Conference, Zürich, Switzerland, 7 - 09 September 2017

**VIII. Effect of Socioeconomic Status on Preschoolers' Social Competence: Moderation by Serotonin Transporter Genotype and Gender**

MAVİOĞLU R. N., EROĞLU F., DEDEOĞLU G., ÇORAPÇI F., DUMAN E. A.

2017 Biennial Society for Research in Child Development, Austin, United States Of America, 6 - 08 April 2017

**IX. Early and Recent Life Stress Influence Cortisol Awakening Response as a Function of Serotonin Transporter Genotype**

DEDEOĞLU G., DUMAN E. A.

Society for Neuroscience, San Diego, United States Of America, 12 - 16 November 2016

**X. Changes in HPA axis Reactivity by Subjective Well Being: Impact of Loneliness, Gender and Serotonin Transporter Genotype**

Mavioğlu R. N., DUMAN E. A.

International Society of Psychoneuroendocrinology Conference, Miami, United States Of America, 8 - 11 September 2016

- XI. **Interaction between Childhood Maltreatment Trait Anxiety and Serotonin Transporter Genotype on Cortisol Awakening Response**  
DUMAN E. A.  
International Society of Psychoneuroendocrinology Conference, Miami, United States Of America, 8 - 11 September 2016
- XII. **Relationship between Subjective Well being and Cortisol Awakening Response Moderation by Serotonin Transporter Genotype**  
Kurşuncu S., Maviöğlü R. N., DUMAN E. A.  
European Brain and Behavior Society Annual Meeting, Verona, Italy, 12 - 15 September 2015
- XIII. **The Role of Chronotype and Big Five Personality Factors on Cortisol Awakening Response**  
Ergin K. C., DEDEOĞLU G., DUMAN E. A.  
European Brain and Behavior Society Annual Meeting, Verona, Italy, 12 - 15 September 2015
- XIV. **The Effect of Sleep Duration and Perceived Stress on Cortisol Awakening Response of Undergraduate Students**  
DEDEOĞLU G., Ergin K. C., DUMAN E. A.  
European Brain and Behavior Society Annual Meeting, Verona, Italy, 12 - 15 September 2015

## **Episodes in the Encyclopedia**

- I. **Encyclopedia of Behavioral Neuroscience**  
DUMAN E. A., Canli T.  
Elsevier, pp.257-260, 2010

## **Metrics**

Publication: 34

Citation (Scopus): 201

H-Index (Scopus): 4