

## ÖZGEÇMİŞ VE ESERLER LİSTESİ

### ÖZGEÇMİŞ

**Adı ve Soyadı:** Eda Altan (Tarakcı)

**Akademik Unvanı:** Doktor Öğretim üyesi

**Aldığı Sertifikalar:** Human Subjects Research (UCSF), Human Subjects Protection Training (UCSF)

**Uzmanlık Alanı:**

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Veteriner Fakültesi	İstanbul Üniversitesi	2003-2008
Y. Lisans			
Doktora	Sağlık Bilimleri Viroloji	İstanbul Üniversitesi	2008-2014
Doç. / Prof.			

**Yüksek Lisans Tez Başlığı (özeti ekte) ve Tez Danışman(lar)ı:**

**Doktora Tezi/S.Yeterlik Çalışması/Tıpta Uzmanlık Tezi Başlığı (özeti ekte) ve Danışman(lar)ı:** Koyunlarda ve sığırlarda küçük ruminant vebası virusunun virolojik, serolojik ve moleküler yönden araştırılması ve soyağacı oluşturulması (Prof Dr Hüseyin Yılmaz)

**Görevler:**

Görev Unvanı	Görev Yeri	Yıl
Araş Gör	İstanbul Üniversitesi Veteriner Fakültesi	2008-2014
Araş Gör Dr	İstanbul Üniversitesi Veteriner Fakültesi	2008-2016
Doktora Sonrası Araştırmacı	University of California, San Francisco- Vitalant Research Institute	2017-2020

**Yönetilen Yüksek Lisans Tezleri :**

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**Yönetilen Doktora Tezleri/Sanatta Yeterlik Çalışmaları :**

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**Projelerde Yaptığı Görevler:**

1. Transfusion-Transmissible Infections Monitoring Systems (TTIMS). The US Food and Drug Administration (HHSF223201610043I) \$20,000,000 time period: 9/25/2016-9/24/2021 (Position: Post-doctoral fellow)
2. Viral Etiology of Idiopathic Chronic Diarrhea in Rhesus Macaques. National Institute of Allergy and Infectious Diseases (NIAID) R01 (1R01AI123376-01) \$1,989,775 time period: 8/12/2016-7/31/2021 (Position: Post-doctoral fellow)

3. Acute Hepatitis C infection in Young Injectors (UFO) Project. The Regents of the University of New Mexico, Health Science Center (5R01DA0116017) \$368,540 time period: 9/1/2014-8/31/2019 (Position: Post-doctoral fellow)
4. New Virus Discovery. IDEXX Reference Laboratory. Time period: 3/2/2017-8/1/2020 (Position: Post-doctoral fellow)
5. Viral Discovery in Plasma from Febrile Brazilians. Grifols Diagnostic Solutions, Inc. \$50,000 11/5/2018-12/31/2020 (Position: Post-doctoral fellow)
6. Investigation of human papillomaviruses (HPV), mouse mammary tumour virus (MMTV), Epstein-Barr virus (EBV), and human polyomavirus entities in canine mammary tumours. Istanbul University Scientific Research Projects Unit (Project Number: 25208). 15.000TL 2014-2016 (Position: Researcher)
7. Investigation of vector-borne viral zoonoses with fever and encephalitis by real-time PCR and phylogenetic analysis. Istanbul University Scientific Research Projects Unit (Project Number: 13163). 90.000TL. Time period: 2012-2015 (Position: Researcher)
8. Investigations on the peste des petits ruminants virus (PPRV) in sheep and cattle by virological, serological, molecular and phylogenetic analyses. Istanbul University Scientific Research Projects Unit (Project Number: 10422). 15.000TL. 2011-2014 (Position: Executive- PhD Thesis)

**Bilimsel Kuruluşlara Üyelikler:** American Society for Virology, Global Virus Network, World Society of Virology

## ESERLER

### **A. Uluslararası hakemli dergilerde yayımlanan makaleler:**

- A1-** Altan E, Alvin H, Yanpeng L, Pesavento P, Asin J, Crossley B, Deng X, Uzal FA, Delwart E. New parvoviruses and picornavirus in tissues and feces of foals with interstitial pneumonia. *Viruses* 2021, Accepted for publication.
- A2-** Hui A, Altan E, Slovis N, Fletcher C, Deng X, Delwart E. Circovirus in Blood of a Febrile Horse with Hepatitis. *Viruses* 2021, 13(5), 944; <https://doi.org/10.3390/v13050944> - 20 May 2021
- A3-** Pankovics P, Boros A, László Z, Szekeres S, Földvári G, Altan E, Delwart E, Reuter G. Genome characterization, prevalence and tissue distribution of astrovirus, hepevirus and norovirus among wild and laboratory rats (*Rattus norvegicus*) and mice (*Mus musculus*) in Hungary. *Infection, Genetics and Evolution*, 25 May 2021, doi: <https://doi.org/10.1016/j.meegid.2021.104942>
- A4-** Alex CE, Fahsbender E, Altan E, Bildfell R, Wolff P, Jin L, Black W, Jackson K, Woods L, Munk B, Tse T, Delwart E, Pesavento PA. Viruses in unexplained encephalitis cases in American black bears (*Ursus americanus*). *PLoS One*. 2020 Dec 17;15(12):e0244056. doi: 10.1371/journal.pone.0244056. eCollection 2020. Q1
- A5-** Hargitai R, Boros Á, Pankovics P, Mátics R, Altan E, Delwart E, Reuter G. Detection and genetic characterization of a novel parvovirus (family Parvoviridae) in barn owls (*Tyto alba*) in Hungary. *Arch Virol*. 2020 Nov 2. doi: 10.1007/s00705-020-04862-6. Q1
- A6-** Li Y, Altan E, Reyes G, Halstead B, Deng X, Delwart E. Virome of Bat Guano from Nine Northern California Roosts. *J Virol*. 2020 Oct 28;94(17):e01713-20. doi: 10.1128/JVI.01713-20. Q1
- A7-** Altan E, Delaney MA, Colegrove KM, Spraker TR, Wheeler EA, Deng X, Li Y, Gulland FMD, Delwart E. Complex Virome in a Mesenteric Lymph Node from a

- Californian Sea Lion (*Zalophus Californianus*) with Polyserositis and Steatitis. *Viruses*. 2020 Jul 23;12(8):E793. doi: 10.3390/v12080793. Q1
- A8-** Ricart Arbona RJ, Kelly S, Wang C, Dhawan RK, Henderson KS, Shek WR, Williams SH, **Altan E**, Delwart E, Wolf F, Lipman NS. Serendipitous Discovery of a Novel Murine Astrovirus Contaminating a Murine Helper T-cell Line and Incapable of Infecting Highly Immunodeficient Mice. *Comp Med*. 2020 Jul 16;70(4):359–69. doi:10.30802/AALAS-CM-19-000106. Q2
- A9-** Bilgin Z, Turan N, Cizmecigil UY, **Altan E**, Ulutas Esatgil M, Yilmaz A, Aydin O, Kocazeybek B, Richt JA, Yilmaz H. Investigation of Vector-Borne Viruses in Ticks, Mosquitos, and Ruminants in the Thrace District of Turkey. *Vector Borne Zoonotic Dis*. 2020 May 12. doi: 10.1089/vbz.2019.2532. Q2
- A10-** Li Y, Gordon E, Idle A, **Altan E**, Seguin MA, Estrada M, Deng X, Delwart E. Virome of a Feline Outbreak of Diarrhea and Vomiting Includes Bocaviruses and a Novel Chapparvovirus. *Viruses*. 2020 May 4;12(5):506. doi: 10.3390/v12050506. Q1
- A11-** Li Y, **Altan E**, Pilcher C, Hartogensis W, Hecht FM, Deng X, Delwart E. Semen virome of men with HIV on or off anti-retroviral treatment. *AIDS*. 2020 Feb 5. doi: 10.1097/QAD.0000000000002497. Q1
- A12-** Sawaswong V, Fahsbender E, **Altan E**, Kemthong T, Deng X, Malaivijitnond S, Payungporn S, Delwart E. High Diversity and Novel Enteric Viruses in Fecal Viromes of Healthy Wild and Captive Thai *Cynomolgus* Macaques (*Macaca fascicularis*). *Viruses*. 2019 Oct 22;11(10). pii: E971. doi: 10.3390/v11100971. Q1
- A13-** **Altan E**, Li Y, Sabino-Santos G Jr, Sawaswong V, Barnum S, Pusterla N, Deng X, Delwart E. Viruses in Horses with Neurologic and Respiratory Diseases. *Viruses*. 2019 Oct 14;11(10). pii: E942. doi: 10.3390/v11100942. Q1
- A14-** **Altan E**, Dib JC, Gulloso AR, Escribano Juandigua D, Deng X, Bruhn R, Hildebrand K, Freiden P, Yamamoto J, Schultz-Cherry S, Delwart E. Effect of Geographic Isolation on the Nasal Virome of Indigenous Children. *J Virol*. 2019 Aug 13;93(17). pii: e00681-19. doi: 10.1128/JVI.00681-19. Print 2019 Sep 1. Q1
- A15-** **Altan E**, Kubiski SV, Burchell J, Bicknese E, Deng X, Delwart E. The first reptilian circovirus identified infects gut and liver tissues of black-headed pythons. *Vet Res*. 2019 May 16;50(1):35. doi: 10.1186/s13567-019-0653-z. Q1
- A16-** Fahsbender E, **Altan E**, Seguin MA, Young P, Estrada M, Leutenegger C, Delwart E. Chapparvovirus DNA Found in 4% of Dogs with Diarrhea. *Viruses*. 2019 Apr 27;11(5). pii: E398. doi: 10.3390/v11050398. Q1
- A17-** **Altan E**, Kubiski SV, Boros Á, Reuter G, Sadeghi M, Deng X, Creighton EK, Crim MJ, Delwart E. A Highly Divergent Picornavirus Infecting the Gut Epithelia of Zebrafish (*Danio rerio*) in Research Institutions Worldwide. *Zebrafish*. 2019 Jun;16(3):291-299. doi: 10.1089/zeb.2018.1710. Epub 2019 Apr 2. Q1
- A18-** Yilmaz H, Barut K, Karakullukcu A, Kasapcopur O, Kocazeybek B, **Altan E**, Cizmecigil UY, Yilmaz A, Bilgin Z, Ulutas Esatgil M, Klaus C, Richt JA, Turan N. Serological Evidence of Tick-Borne Encephalitis and West Nile Virus Infections Among Children with Arthritis in Turkey. *Vector Borne Zoonotic Dis*. 2019 Jun;19(6):446-449. doi: 10.1089/vbz.2018.2349. Epub 2019 Mar 18. Q2
- A19-** Aiemjoy K, **Altan E**, Aragie S, Fry DM, Phan TG, Deng X, Chanyalew M, Tadesse Z, Callahan EK, Delwart E, Keenan JD. Viral species richness and composition in young children with loose or watery stool in Ethiopia. *BMC Infect Dis*. 2019 Jan 14;19(1):53. doi: 10.1186/s12879-019-3674-3. Q1
- A20-** **Altan E**, Seguin MA, Leutenegger CM, Phan TG, Deng X, Delwart E. Nasal virome of dogs with respiratory infection signs include novel taupapillomaviruses. *Virus Genes*. 2019 Apr;55(2):191-197. doi: 10.1007/s11262-019-01634-6. Epub 2019 Jan 10. Q2
- A21-** **Altan E**, Parida S, Mahapatra M, Turan N, Yilmaz H. Molecular characterization of Peste des petits ruminants viruses in the Marmara Region of Turkey. *Transbound Emerg Dis*. 2019 Mar;66(2):865-872. doi: 10.1111/tbed.13095. Epub 2018 Dec 28. Q1

- A22-** Altan E, Aiemjoy K, Phan TG, Deng X, Aragie S, Tadesse Z, Callahan KE, Keenan J, Delwart E. Enteric virome of Ethiopian children participating in a clean water intervention trial. *PLoS One*. 2018 Aug 16;13(8):e0202054. doi: 10.1371/journal.pone.0202054. eCollection 2018. Q1
- A23-** Sadeghi M, Altan E, Deng X, Barker CM, Fang Y, Coffey LL, Delwart E. Virome of > 12 thousand *Culex* mosquitoes from throughout California. *Virology*. 2018 Oct;523:74-88. doi: 10.1016/j.virol.2018.07.029. Epub 2018 Aug 8. Q2
- A24-** Phan TG, Del Valle Mendoza J, Sadeghi M, Altan E, Deng X, Delwart E. Sera of Peruvians with fever of unknown origins include viral nucleic acids from non-vertebrate hosts. *Virus Genes*. 2018 Feb;54(1):33-40. doi: 10.1007/s11262-017-1514-3. Epub 2017 Oct 17. Q2
- A25-** Kocazeybek B, Dinc HO, Ergin S, Saribas S, Ozcabi BT, Cizmecigil U, Altan E, Atalik K, Yüksel P, Taner Z, Karakullukcu A, Sirekbasan S, Turan N, Cagatay P, Imamova N, Evliyaoglu O, Yilmaz H. Evaluation of Adenovirus-36 (Ad-36) antibody seropositivity and adipokine levels in obese children. *Microb Pathog*. 2017 Jul;108:27-31. doi: 10.1016/j.micpath.2017.04.034. Epub 2017 Apr 25. Q2
- A26-** Yilmaz H, Tekelioglu BK, Gurel A, Bamac OE, Ozturk GY, Cizmecigil UY, Altan E, Aydin O, Yilmaz A, Berriatua E, Helps CR, Richt JA, Turan N. Frequency, clinicopathological features and phylogenetic analysis of feline morbillivirus in cats in Istanbul, Turkey. *J Feline Med Surg*. 2017 Dec;19(12):1206-1214. doi: 10.1177/1098612X16686728. Epub 2017 Jan 23 Q1
- A27-** Altan E, Eravci E, Cizmecigil U, Yildar E, Aydin O, Turan N, Ozsoy S, Tekelioglu K, Kurt T, Ozsemir K, Altan E, Yilmaz H (2016). Detection and phylogeny of beak and feather disease virus and avian polyomavirus in psittacine pet birds in Turkey. *Original Research Article Journal of Exotic Pet Medicine*, 25: 280-287 Q3
- A28-** Yilmaz H, Altan E, Cizmecigil UY, Gurel A, Ozturk GY, Bamac OE, Aydin O, Britton P, Monne I, Cetinkaya B, Morgan KL, Faburay B, Richt JA, Turan N. (2016) Phylogeny and S1 Gene Variation of Infectious Bronchitis Virus Detected in Broilers and Layers in Turkey. *Avian Dis*. 2016 Sep;60(3):596-602 Q2
- A29-** Parida S, Muniraju M, Altan E, Baazizi R, Raj GD, Mahapatra M (2016). Emergence of PPR and its threat to Europe. *Small Ruminant Research*, , Sep; 142: 16-21 Q2
- A30-** Sonmez K, Altan E, Yildirim F, Arun SS, Turan N, Yilmaz H, Kuskucu MA (2016) Investigation of human papillomaviruses (HPV), mouse mammary tumour virus (MMTV), Epstein-Barr virus (EBV), and human polyomavirus entities in canine mammary tumours. *J Vet Res* 60, 49-53. Q2
- A31-** Ergin S, Altan E, Pilanci O, Sirekbasan S , Cortuk O, Cizmecigil U, Ersin I, Elbey H, Dinc HO, Habip Z, Turan N, Arinci A, Richt JA, Goossens VJ, Karakullukcu A, Tufan Kocak B, Saribas S, Koksal S, Yilmaz H, Kocazeybek B (2015). The role of adenovirus 36 as a risk factor in obesity: The first clinical study made in the fatty tissues of adults in Turkey. *Microbial Pathogenesis* 80: 57-62 Q2
- A32-** Aslan M, Kocazeybek B, Turan N, Karakose AR, Altan E, Yuksel P, Saribas S, Cakan H, Caliskan R, Torun MM, Balcioglu I, Alpay N, Yilmaz H. (2012) Investigation of schizophrenic patients from Istanbul, Turkey for the presence of West Nile virus. *Eur Arch Psychiatry Clin Neurosci*. Mar;262(2):173-7. Epub 2011 Jul 2. Q1
- A33-** Yilmaz H, Altan E, Turan N, Gurel A, Deniz S, Sonmez K, Haktanir D, Gulcubuk A, Gur E, Sonmez G, Richt JA, (2012) First Report on the Frequency and Molecular Detection of Neuropathogenic EHV-1 in Turkey. *Journal of Equine Veterinary Science* Volume 32, Issue 9, September 2012, Pages 525-530 Q3
- A34-** Yilmaz H, Altan E, Ridpath J, Turan N. (2012) Genetic diversity and frequency of bovine viral diarrhoea virus (BVDV) detected in cattle in Turkey. *Comp Immunol Microbiol Infect Dis*. Sep;35(5):411-6. Epub 2012 Apr 24. Q1
- A35-** Turan N, Yildirim F, Altan E, Sennazli G, Gurel A, Diallo I, Yilmaz H. (2012) Molecular and pathological investigations of EHV-1 and EHV-4 infections in horses in Turkey. *Res Vet Sci*. Dec;93(3):1504-7. doi: 10.1016/j.rvsc.2012.01.019. Epub 2012 Mar 7. Q1

- A36-** Yilmaz H, Turan N, **Altan E**, Bostan K, Yilmaz A, Helps CR, Cho KO. (2011). First report on the phylogeny of bovine norovirus in Turkey. *Archive Virology* 156(1):143-7. Q1
- A37-** Yilmaz A, Bostan K, **Altan E**, Muratoglu K, Turan N, Tan D, Helps C, Yilmaz H (2011). Investigations on the Frequency of Norovirus Contamination of Ready-to-Eat Food Items in Istanbul, Turkey, by Using Real-Time Reverse Transcription PCR. *Journal of Food Protection* Volume: 74(5). 840-843. Q2
- A38-** Ozkul AA, Kocazeybek BS, Turan N, Reuter G, Bostan K, Yilmaz A, **Altan E**, Uyunmaz G, Karaköse AR, Muratoglu K, Eevli M, Helps CR, Yilmaz H. (2011). Frequency and phylogeny of norovirus in diarrheic children in Istanbul, Turkey. *Journal of Clinical Virology* ; 51(3):160-4. Q1

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**B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler:**

- B1-** **Altan E**. Animal Viral Metagenomics: Discovery Of Novel Viruses 3rd International Conference on Food, Agriculture and Veterinary Ege University, Turkey June 19-20, 2021
- B2-** **Altan E**. Virome Methodology in Animal Diseases. International Conference on Veterinary, Agriculture and Life Sciences (ICVALS) October 29-November 1, 2020 – Antalya/TURKEY
- B3-** **Altan E**, Barnum S, Pusterla N, Delwart E. Novel parvovirus in horses with neurologic and respiratory diseases. Oral presentation IV. International Congress on Domestic Animal Breeding Genetics and Husbandry 2020 (ICABGEH-20), ONLINE, 12 – 14 AUGUST, 2020 TURKEY
- B4-** Custer B, **Altan E**, Bruhn R, Quiner C, Delwart E, Hampton D Bakkour S, Stone M, Reik RA, Steele WR, Notari EP, Kessler DA, Williamson PC, Anderson SA, Stramer SL, Busch MP, Custer B, and for the Transfusion Transmissible Infections Monitoring System, Characteristics of HIV Infections, Including Genotypes and Drug Resistance Mutations, in Blood Donors in the US. AABB 2018 Annual Meeting Boston, USA, October 13-18 2018 (<https://aabb.confex.com/aabb/2018/meetingapp.cgi/SimilarModels/Paper::4434>)
- B5-** Bruhn R, **Altan E**, Quiner C, Delwart E, Bakkour S, Steele WR, Notari EP, Fayed R, Winkelman W, Stone M, Reik RA, Kessler DA, Williamson PC, Anderson SA, Stramer SL, Busch MP, Custer B, and for the Transfusion Transmissible Infections Monitoring System, Recently Acquired Hepatitis C Infections in US Blood Donors: Genotype and Geographic Distribution of NAT Yield Blood Donations across the Continental US. AABB 2018 Annual Meeting Boston, USA, October 13-18 2018 (<https://aabb.confex.com/aabb/2018/meetingapp.cgi/SimilarModels/Paper::4434>)

**D. Ulusal hakemli dergilerde yayımlanan makaleler:**

- D1-** **Altan E**, Sabino-Santos G, Pesavento P, Delwar E. The first discovery of Chaphamaparvovirus in sheep with encephalitis and anemia. Accepted for publication
- D2-** **Altan E**, Kubiski S, Stalis I, Li Y, Deng X, Delwart E. Novel Chaphamaparvovirus in a Paradise Tanager Songbird with Encephalitis, Neuritis, and Ventriculitis. *Ataturk University Journal of Veterinary Science*. 2021 April 16 (1) 25-31 doi: 10.17094/ataunivbd.859162