

## Asst. Prof. CEYLAN POLAT

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-1511-4177

Publons / Web Of Science ResearcherID: AAG-7229-2019

ScopusID: 55606770200

Yoksis Researcher ID: 321427

### Education Information

Doctorate, Dokuz Eylul University, Institute Of Health Sciences, Microbiology , Turkey 2013 - 2018

Postgraduate, Dokuz Eylul University, Institute Of Health Sciences, Microbiology, Turkey 2010 - 2013

Undergraduate, Manisa Celal Bayar University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 2006 - 2010

### Dissertations

Doctorate, Türkiye'nin Akdeniz (Antalya, Mersin, Adana, Osmaniye ve Hatay) ve İç Anadolu bölgelerindeki (Konya, Aksaray, Niğde, Karaman) bazı illerde yaşayan *Apodemus spp.*, *Microtus spp.*, *Rattus spp.* ve *Talpa davidiana* türlerinde Hantavirus varlığının ve dağılımının araştırılması, Dokuz Eylul University, Institute Of Health Sciences, 2018

Postgraduate, Türkiye Batı bölgelerinde hantavirus araştırılması: Trakya bölgesi kemiricilerinde hantavirus antikorlarının prevalansının araştırılması, Dokuz Eylul University, Institute Of Health Sciences, 2013

### Research Areas

Microbiology and Clinical Microbiology, Medical Microbiology, Virology

### Academic Titles / Tasks

Assistant Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2020 - Continues

Lecturer PhD, Izmir University Of Economics, Health Services Vocational School, Department Of Medical Services And Techniques, 2018 - 2020

Lecturer PhD, Izmir University Of Economics, Faculty Of Health Sciences, Department Of Nursing, 2018 - 2020

Lecturer, Izmir University Of Economics, Faculty Of Health Sciences, Department Of Nursing, 2018 - 2018

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

- Evaluating climate-dependent distribution of orthohantaviruses with monitoring wild rodents: One Health Perspective(†).**  
Polat C., Erdin M., Kalkan Ş. O., Irmak S., Çetintaş O., Çolak F., Kalkan K. K., Çoğal M., Ölgün K., Sözen M., et al.  
Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology], 2024 (SCI-Expanded)

- II. **Phylogenetic Characterization of Orthohantavirus dobravaense (Dobrava Virus).**  
Erdin M., Polat C., Smura T., Irmak S., Cetintas O., Cogal M., Colak F., Karatas A., Sozen M., Matur F., et al.  
Emerging infectious diseases, vol.30, no.4, pp.779-782, 2024 (SCI-Expanded)
- III. **Comprehensive evaluation of nucleic acid amplification methods widely used for generic detection of sandfly-borne phleboviruses.**  
Polat C., Ayhan N., Ergünay K., Charrel R. N.  
Microbiology spectrum, 2024 (SCI-Expanded)
- IV. **Comprehensive Cross-Sectional Evaluation of Human Sandfly-Borne Phlebovirus Exposure in an Endemic Region.**  
Polat C., Ayhan N., Saygan M. B., Karahan S., Charrel R., Ergünay K.  
Viruses, vol.15, no.9, 2023 (SCI-Expanded)
- V. **Healthcare-Related HCV Genotype 4d Infections in Kayseri, Turkey**  
GÖKAHMETOĞLU S., POLAT C., ATALAY M. A., Sezgin G. C., ERGÖR G., AYGEM B., GÜRSOY Ş., Abacıoğlu Y. H.  
The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology, vol.33, no.11, pp.964-970, 2022 (SCI-Expanded)
- VI. **Several Tick-Borne Pathogenic Viruses in Circulation in Anatolia, Turkey**  
DİNÇER E., TİMURKAN M. Ö., Oğuz B., Sahindokuyucu I., Sahan A., Ekinci M., POLAT C., Erguenay K.  
VECTOR-BORNE AND ZOONOTIC DISEASES, vol.22, pp.148-158, 2022 (SCI-Expanded)
- VII. **Insights into the virologic and immunologic features of SARS-COV-2.**  
Polat C., Ergunay K.  
World journal of clinical cases, vol.9, pp.5007-5018, 2021 (SCI-Expanded)
- VIII. **Characterization of Bartonella taylorii Strains in Small Mammals of the Turkish Thrace**  
POLAT C., Celebi B., IRMAK S., Karatas A., Colak F., MATUR F., SÖZEN M., ÖKTEM İ. M. A.  
ECOHEALTH, vol.17, no.4, pp.477-486, 2020 (SCI-Expanded)
- IX. **Vector-borne viruses in Turkey: A systematic review and bibliography**  
ERGÜNAY K., POLAT C., ÖZKUL A.  
ANTIVIRAL RESEARCH, vol.183, 2020 (SCI-Expanded)
- X. **Investigation of Orthohantavirus Seroprevalence in Northern Rural Areas of Denizli Province, Turkey.**  
Polat C., Ergin Ç., Akkaya Y., Oktem I.  
Japanese journal of infectious diseases, vol.73, pp.201-204, 2020 (SCI-Expanded)
- XI. **A novel genetic lineage of Tula orthohantavirus in Altai voles (Microtus obscurus) from Turkey.**  
Polat C., Ergünay K., Irmak S., Erdin M., Brinkmann A., Çetintaş O., Çoğal M., Sözen M., Matur F., Nitsche A., et al.  
Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases, vol.67, pp.150-158, 2019 (SCI-Expanded)
- XII. **A metagenomic survey identifies Tamdy orthonairovirus as well as divergent phlebo-, rhabdo-, chu- and flavi-like viruses in Anatolia, Turkey.**  
Brinkmann A., Dinçer E., Polat C., Hekimoğlu O., Hacıoğlu S., Földes K., Özkul A., Öktem İ., Nitsche A., Ergünay K.  
Ticks and tick-borne diseases, vol.9, pp.1173-1183, 2018 (SCI-Expanded)
- XIII. **Dobrava hantavirus variants found in Apodemus flavicollis mice in Kırklareli Province, Turkey.**  
Polat C., Sironen T., Plyusnina A., Karatas A., Sozen M., Matur F., Vapalahti O., Oktem I., Plyusnin A.  
Journal of medical virology, vol.90, pp.810-818, 2018 (SCI-Expanded)
- XIV. **[Optimization of ELISA and immunoblot methods for the detection of IgG antibodies against old world hantaviruses in wild rodents].**  
Polat C., Karataş A., Sözen M., Matur F., Abacıoğlu H., Öktem M.  
Mikrobiyoloji bulteni, vol.50, pp.245-55, 2016 (SCI-Expanded)
- XV. **Characterization of HCV genotype 4d infections in Kayseri, Turkey.**  
Kayman T., Polat C., Ergör G., Abacıoğlu Y.  
Turkish journal of medical sciences, vol.45, pp.547-52, 2015 (SCI-Expanded)
- XVI. **Phylogenetic analysis of HCV-4d in Turkey: the curious case of Kayseri province.**  
Ciccozzi M., Zehender G., Polat C., Lai A., Kayman T., Sorrentino C., Ebranati E., Cella E., Lo P., Abacıoğlu H.

Journal of medical virology, vol.86, pp.454-60, 2014 (SCI-Expanded)

- XVII. **[Comparison of Immune Responses Elicited by Adjuvanted Tachyzoite Lysate Vaccines Developed from Two Different Toxoplasma gondii Strains Isolated in Turkey].**  
Polat C., Gülçe İ., Döşkaya M., Can H., Caner A., Değirmenci A., Balcan E., Gürüz Y.  
Mikrobiyoloji bulteni, vol.47, pp.122-34, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Batı Anadolu'daki Bazı Yaygın Küçük Memeli Türlerinin Orthohantavirus Taşıyıcılığı Açısından Değerlendirilmesi**  
POLAT C., IRMAK S., SÖZEN M., ÖKTEM İ. M. A.  
ANKEM Dergisi, 2024 (Peer-Reviewed Journal)
- II. **LJUNGAN VİRUSUN (PARECHOVİRUS B) KEMİRİCİLERDE MOLEKÜLER YÖNTEMLE ARAŞTIRILMASI**  
ERGON M. C., Erdin M., MATUR F., SÖZEN M., POLAT C., Günkan T., ÖKTEM İ. M. A.  
ANKEM Dergisi, vol.37, no.3, pp.68-73, 2023 (Peer-Reviewed Journal)
- III. **Covid-19 Pandemisi: Genel Bir Bakış**  
POLAT C.  
ANKEM Dergisi, 2020 (Peer-Reviewed Journal)
- IV. **Türkiye'nin Orta ve Güney Anadolu illerindeki yabancı kemiricilerde hantavirüs enfeksiyonlarının serolojik olarak taranması**  
Polat C., Matur F., Sözen M., Öktem İ. M. A.  
Türk Mikrobiyoloji Cemiyeti Dergisi, vol.47, no.1, pp.6-10, 2017 (Peer-Reviewed Journal)
- V. **Detection of Pneumocystis in the nasal swabs of immune-suppressed rats by use of PCR and microscopy.**  
Can H., Caner A., Döşkaya M., Değirmenci A., Karaçalı S., Polat C., Gürüz Y., Uner A.  
Medical science monitor basic research, vol.19, pp.62-7, 2013 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Primer ve Sekonder İmmün Yetmezlikli Hastalarda Saptanan Sitomegalovirüs Suşlarında Gansiklovir Direncinin Genotipik Yöntemlerle Araştırılması**  
Fırtına A., Polat C., Alp A., Özsürekcı Y., İnkaya A. Ç., Pınar A.  
7. Ulusal Klinik Mikrobiyoloji Kongresi, Muğla, Turkey, 1 - 05 November 2023, pp.69-70

## Metrics

Publication: 23  
Citation (WoS): 40  
Citation (Scopus): 102  
H-Index (WoS): 4  
H-Index (Scopus): 5

## Scholarships

FEMS Research Fellowship, Other International Organizations, 2014 - 2014

## **Non Academic Experience**

Aix-Marseille University, Emerging Viruses Unit

University of Helsinki, Department of Virology, Viral Zoonoses Research Group