

Ergin Şahin

Curriculum Vitae

(Updated on November 2019)

Personal Information

Birth Place: Malatya, Türkiye

Nationality: Turkish

Date of Birth: 08.28.1983

Education

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<u>Institute</u>	<u>Department</u>	<u>Degree</u>	<u>Term</u>
Ankara University	Biology	B.Sc.	09/2002-06/2006
Ankara University	Hepatology Institute	M.Sc.	09/2006-07/2008
University of Louisville	Microbiology/Immunology	M.Sc.	09/2009-05/2012
Ankara University	Biology	PhD	02/2014-06/2018

PROFESSIONAL EXPERIENCE

- 2018-
Based PhD dissertation thesis entitled "Development of a DNA Vaccine for Crimean Congo Hemorrhagic Fever Virus"
- 2014-
of Research Assistantship at Ankara University Faculty Science Department of Biology
- 2009-2013 Carried out graduate research studies at the University of Louisville School of Medicine Department of Microbiology and Immunology as a research assistant and
- 2006-2008 Research experience on the molecular aspects of hepatitis viruses at Ankara University Hepatology Institute Clinical Research and Test Laboratories
- 2006-2008 Master's thesis entitled "Evaluation of antiviral resistance mutations in viral polymerase gene during the treatment period of patients with chronic hepatitis B"

SCHOLARSHIPS

- 2007-2008 National Master's Studies Scholarship of Scientific and Technological Research Council of Turkey (TUBITAK) (Program Code: 2210)
- 2008- Scholarship of Ministry of National Education for graduate studies abroad in accordance with the law no. 1416

RESEARCH GRANTS

- 2005-2006 Research grant of Scientific and Technological Research Council of Turkey (TUBITAK) aimed at undergraduate students for the research project entitled "***Learning and memory in Caenorhabditis elegans***" (Program code: 2209)
- 2011-2013 "**A Cell-Based HTS to Discover Molecules That Inhibit Venezuelan Equine Encephalitis Virus Replication**", Researcher, Funded by National Institute of Health of The United States of America, 01/01/2011 - 30/04/2013

2016-2017 **"Structural and Functional Genomic Studies With Alpha-Amylase Genes of Thermophilic Anoxybacillus Species"**, Researcher, Funded by Ankara University Scientific Research Projects Coordinatorship, 09.11.2016 - 27.12.2017

2019- **"Identification and Characterization of Immunostimulant Double Stranded RNA Viruses Infecting Some Edible and Medicinal Mushroom Species Distributed in Turkey"**, Researcher, Funded by Ankara University Scientific Research Projects Coordinatorship, Continues

2019- **"Identification and Characterization of Double-Stranded RNA Viruses Infecting Some Poisonous Mushroom Species Distributed in Turkey"**, Project Coordinator, Funded by Ankara University Scientific Research Projects Coordinatorship, Continues

INTERNATIONAL CONFERENCES

2014- ACCR Tumor Immunology and Immunotherapy: A New Chapter, **"Exosomes Derived From Ascitic Fluid of Patients with Ovarian Carcinoma Induce IL-4 Gene Expression in T lymphocytes"** Poster Presentation 1-4 December 2014 Orlando Florida

2015- The Viral Hepatitis Congress, **"The use of terminal restriction fragment length polymorphism for the evaluation of antiviral resistant hepatitis B virus subpopulations in patients with chronic hepatitis B"** Poster Presentation 10-12 September 2015 Frankfurt Germany

2017- 2. International Conference On Crimean Congo Haemorrhagic Fever, **"In Vitro Expression of CCHFV Surface Glycoprotein GC via a Plasmid Vector Generated as DNA Based Vaccine"** Oral Presentation 10-12 September Thessaloniki Greece

2017- First Eurasian Mycology Congress, **"Viruses of Fungi: Perspectives on Macrofungal Virology"** Oral Presentation 03-05 July 2017 Manisa Türkiye

PUBLICATIONS

2013 –

“Development of Oncolytic Reovirus for Cancer Therapy” *Journal of Cancer Therapy*, 2013, 4, 1100-1115 doi:10.4236/jct.2013.46127

“ β -Tubulin mRNA Expression Profiles During Long-Term Memory Formation in Classically Conditioned *C. Elegans*” *Journal of Neurological Sciences [Turkish]*, 2013, 30:(2) 36; 296-304

2014 –

“Discovery of a Novel Compound with Anti-Venezuelan Equine Encephalitis Virus Activity That Targets the Nonstructural Protein 2” *PLoS Pathog* 10(6): e1004213. doi:10.1371/journal.ppat.1004213

2015-

“Evaluation of antiviral resistant hepatitis B virus subpopulations in patients with chronic hepatitis B by using terminal restriction fragment length polymorphism” *VirusDisease* DOI 10.1007/s13337-015-0282-8

2017-

“Oleuropein and rutin protect against 6-OHDA-induced neurotoxicity in PC12 cells through modulation of mitochondrial function and unfolded protein response” *Interdisciplinary Toxicology* DOI 10.1515/intox-2017-0019

2018-

"Viruses infecting macrofungi" *VirusDisease* DOI 10.1007/s13337-018-0434-8

"Introduction of novel thermostable α -amylases from genus Anoxybacillus and proposing to group the Bacillaceae related α -amylases under five individual GH13 subfamilies" *World Journal of Microbiology and Biotechnology*, **34(7)**, 95

2019-

"Complete genome sequence of a novel mitovirus from the ectomycorrhizal fungus Geopora sumneriana. *Archives of virology*, **164(11)**, 2853-2857.

"Evaluation of the CRISPR/Cas9 directed mutant TP53 gene repairing effect in human prostate cancer cell line PC-3. *Molecular Biology Reports* (2019) **46**: 6471. <https://doi.org/10.1007/s11033-019-05093-y>

REFERENCES

Prof. Dr. Aykut ÖZKUL

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