

# Prof. ATILA TANER KALAYCIOĞLU

## Personal Information

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**Address:** KTÜ Eczacılık Fakültesi Temel Eczacılık Bilimleri Bölümü Farmasötik Mikrobiyoloji AbD

## International Researcher IDs

ORCID: 0000-0003-3247-3577

Yoksis Researcher ID: 53232

## Education Information

Doctorate, University of London-The Royal Veterinary College, Veteriner Fakültesi, United Kingdom 1996 - 2006

Postgraduate, University of London-The Royal Veterinary College, Veteriner Fakültesi, United Kingdom 1995 - 1996

Undergraduate, Ankara University, Veteriner Fakültesi, Turkey 1984 - 1989

## Dissertations

Doctorate, Preliminary studies on the identification of vaccinal mimotopes of bovine viral diarrhoea virus using combinatorial peptide libraries , Royal Veterinary College, Department Of Patology And Infectious Diseases , Virology, 2006

Postgraduate, A study of antigenic determinants within the porcine parvovirus VP2 capsid protein using the PEPSCAN procedure, Royal Veterinary College, Department Of Patology And Infectious Diseases, Virology, 1996

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Microbiology and Clinical Microbiology, Immunology, Veterinary Sciences, Pre-Clinical Sciences, Veterinary Virology

## Academic Titles / Tasks

Assistant Professor, Kafkas University, Faculty Of Veterinary Medicine, Department Of Pre-Clinical Sciences, 2008 - 2014

Research Assistant, Kafkas University, Faculty Of Veterinary Medicine, Department Of Pre-Clinical Sciences, 1993 - 2008

## Academic and Administrative Experience

Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2018 - Continues

Karadeniz Technical University, Eczacılık Fakültesi, 2017 - Continues

Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2014 - 2017

## Courses

Zirai ve Veteriner İlaçlar, Undergraduate, 2018 - 2019

Emerging and Reemerging Viral Diseases, Doctorate, 2018 - 2019

Farmasötik Mikrobiyoloji, Undergraduate, 2018 - 2019

Molecular Immunology and Immunological Disorders, Postgraduate, 2018 - 2019

## Advising Theses

KALAYCIOĞLU A. T., Metisiline Dirençli Klinik Staphylococcus aureus İzolatlarında Antibiyotik Direncinin CRISPR/dCas9 Temelli Genom Düzenlemesi ile Baskılanması, Doctorate, A.Ateş(Student), 2019

KALAYCIOĞLU A. T., Echinophora chrysantha Bitkisinin Antioksidan, Enzim ve Antimikrobiyal Aktivitelerinin Araştırılarak Farmasötik Alanda Kullanılabilirliğinin İrdelenmesi', Postgraduate, O.Şahin(Student), 2018

## Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Harran Üniversitesi, August, 2023

Associate Professor Exam, Associate Professor Exam, Karadeniz Technical University, May, 2023

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, February, 2023

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, December, 2022

Associate Professor Exam, Associate Professor Exam, Karadeniz Technical University, October, 2022

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, August, 2022

Associate Professor Exam, Associate Professor Exam, Karadeniz Technical University, March, 2022

Associate Professor Exam, Associate Professor Exam, Karadeniz Technical University, March, 2022

Associate Professor Exam, Associate Professor Exam, Karadeniz Teknik Üniversitesi, September, 2021

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, February, 2021

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, February, 2021

Associate Professor Exam, Associate Professor Exam, Karadeniz Technical University, January, 2021

Post Graduate, Yüksek Lisans Tez Savunma, KTÜ Eczacılık Fakültesi, June, 2019

Post Graduate, Yüksek Lisans Tez Savunma, KTÜ Eczacılık Fakültesi, May, 2019

Post Graduate, Yüksek Lisans Tez Savunma, KTÜ Eczacılık Fakültesi, March, 2018

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

- I. **Present and Future Implications of Crimean Congo Haemorrhagic Fever Disease Emergence in Turkey**  
KALAYCIOĞLU A. T.  
KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.25, no.6, pp.889-896, 2019 (SCI-Expanded)
- II. **The importance of serological and molecular analyses for the diagnosis of measles cases and for meeting elimination targets in Turkey from 2007 to 2015.**  
COSGUN Y., GULDEMİR D., COSKUN A., YOLBAKAN S., Kalaycioglu A. T., KORUKLUOĞLU G., DURMAZ R.  
Epidemiology and infection, vol.146, pp.735-740, 2018 (SCI-Expanded)
- III. **Prevalence and diversity of rotavirus A genotypes circulating in Turkey during a 2-year sentinel surveillance period, 2014-2016**  
Durmaz R., Bakkaloglu Z., Unaldi O., Karagoz A., Korukluoglu G., Kalaycioglu A. T., Acar S., Kilic S.  
JOURNAL OF MEDICAL VIROLOGY, vol.90, no.2, pp.229-238, 2018 (SCI-Expanded)
- IV. **Towards Measles Elimination: Phylogenetic Analysis of Measles Viruses in Turkey (2012-2013) and Identification of Genotype D8**  
Kalaycioglu A. T., Yolbakan S., Guldemir D., Korukluoglu G., Coskun A., Cosgun Y., Durmaz R.

JOURNAL OF MEDICAL VIROLOGY, vol.88, no.11, pp.1867-1873, 2016 (SCI-Expanded)

- V. **Towards measles elimination Phylogenetic analysis of measles viruses in Turkey 2012 2013 and identification of genotype D8**  
KALAYCIOĞLU A. T., YOLBAKAN S., GÜLDEMİR D., KORUKLUOĞLU G., COŞKUN A., COŞGUN Y., DURMAZ R.  
JOURNAL OF MEDICAL VIROLOGY, vol.88, no.11, pp.1867-1873, 2016 (SCI-Expanded)
- VI. **Prevalence of rotavirus genotypes in children younger than 5 years of age before the introduction of a universal rotavirus vaccination program: report of rotavirus surveillance in Turkey.**  
DURMAZ R., Kalaycioglu A. T., ACAR S., BAKKALOĞLU Z., KARAGOZ A., KORUKLUOĞLU G., ERTEK M., TORUNOĞLU M., Turkish R.  
PloS one, vol.9, 2014 (SCI-Expanded)
- VII. **[Evaluation of 44 pediatric measles cases detected in Ankara, Turkey during 2012-2013 epidemic and molecular characterization of the viruses obtained from two cases].**  
METIN O., TANIR G., OZ F., Kalaycioglu A. T., YOLBAKAN S., TUYGUN N., BAYHAN G., Aydin T., KORUKLUOĞLU G.  
Mikrobiyoloji bulteni, vol.48, pp.259-70, 2014 (SCI-Expanded)
- VIII. **Molecular Characterization of Measles Viruses in Turkey (2010-2011): First Report of Genotype D9 Involved in an Outbreak in 2011**  
Kalaycioglu A. T., Baykal A., Guldemir D., Bakkaloglu Z., Korukluoglu G., Coskun A., Torunoglu M. A., Ertek M., Durmaz R.  
JOURNAL OF MEDICAL VIROLOGY, vol.85, no.12, pp.2128-2135, 2013 (SCI-Expanded)
- IX. **Monitoring Genetic Diversity of Influenza A(H1N1)pdm09 Virus Circulating during the Post-Pandemic Period in Turkey**  
Guldemir D., Kalaycioglu A. T., Altas A. B., Korukluoglu G., Durmaz R.  
JAPANESE JOURNAL OF INFECTIOUS DISEASES, vol.66, no.4, pp.299-305, 2013 (SCI-Expanded)
- X. **Translation of Nucleotide Sequences to Amino Acids and Their Comparison with Data Stored in Databases**  
Kalaycioglu A. T.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.19, no.2, pp.359-363, 2013 (SCI-Expanded)
- XI. **Genetic Analysis of the Partial M RNA Segment of Crimean-Congo Hemorrhagic Fever Viruses in Turkey**  
Kalaycioglu A. T., Durmaz R., Guldemir D., Korukluoglu G., Ertek M.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.19, 2013 (SCI-Expanded)
- XII. **The characterization of the neutralizing bovine viral diarrhea virus monoclonal antibodies and antigenic diversity of E2 glycoprotein.**  
Kalaycioglu A. T., RUSSELL P., HOWARD C.  
The Journal of veterinary medical science, vol.74, pp.1117-20, 2012 (SCI-Expanded)
- XIII. **Lack of genetic diversity in Crimean-Congo hemorrhagic fever viruses in Turkey: Assessment of present and future patterns of disease**  
Kalaycioglu A. T., Durmaz R., Uyar Y., Unaldi O., Aksekili E., ÖZKUL A., Korukluoglu G., Ertek M.  
JOURNAL OF MEDICAL VIROLOGY, vol.84, no.3, pp.471-478, 2012 (SCI-Expanded)
- XIV. **An Investigation of A Possible Involvement of BVDV, BHV-1 and BHV-4 Infections in Abortion of Dairy Cattle in Kars District of Turkey**  
Yildirim Y., Yilmaz V., Kalaycioglu A. T., BİLGE DAĞALP S., Majarashin A. R. F., Celebi O., Akca D.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.17, no.6, pp.879-883, 2011 (SCI-Expanded)
- XV. **Peptide mimics of hapten DNP: The effect of affinity of anti-DNP monoclonal antibodies for the selection of phage-displayed mimotopes**  
Kalaycioglu A. T., Russell P. H., Howard C. R.  
JOURNAL OF IMMUNOLOGICAL METHODS, vol.366, no.1-2, pp.36-42, 2011 (SCI-Expanded)
- XVI. **Seroprevalence of the Rotavirus and Corona Virus Infections in Cattle**  
Yildirim Y., BİLGE DAĞALP S., Tan M. T., Kalaycioglu A. T.  
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.7, no.10, pp.1320-1323, 2008 (SCI-Expanded)
- XVII. **Genotyping of various Arcobacter species isolated from domestic geese by randomly amplified**

### **polymorphic DNA (RAPID) analysis**

Atabay H. I., Unver A., Otlu S., Kalaycioglu A. T.

ARCHIV FÜR LEBENSMITTELHYGIENE, vol.59, no.4, pp.142-146, 2008 (SCI-Expanded)

### **XVIII. Selection of mimotopes of Bovine Viral Diarrhoea Virus using a solid-phase peptide library**

Kalaycioglu A. T., Russell P. H., Howard C. R.

VACCINE, vol.25, no.41, pp.7081-7086, 2007 (SCI-Expanded)

### **XIX. Bovine viral diarrhoea virus (BVDV) diversity and vaccination - A review**

Kalaycioglu A. T.

VETERINARY QUARTERLY, vol.29, no.2, pp.60-67, 2007 (SCI-Expanded)

### **XX. Genotyping of various Arcobacter species isolated from domestic geese by RAPD-PCR analysis**

Unver A., Atabay H. I., Otlu S., Kalaycioglu A. T.

ZOONOSES AND PUBLIC HEALTH, vol.54, pp.73, 2007 (SCI-Expanded)

### **XXI. Control of bovine viral diarrhoea infections through vaccination**

Kalaycioglu A. T.

KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.13, no.1, pp.103-108, 2007 (SCI-Expanded)

## **Articles Published in Other Journals**

### **I. Evaluation of Antioxidant, Antimicrobial, Antityrosinase and Cytotoxic Potentials of *Isatis cappadocica* subsp. *alyssifoli* as a Potent Pharmaceutical Resource**

GUNER M., KALAYCIOĞLU A. T., KANBOLAT Ş., Korkmaz N., ALİYAZICIOĞLU R., Abudayyak M., KANDEMİR A., Karaoğlu S. A., ÖZGEN U.

JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL, vol.26, no.5, 2019 (ESCI)

## **Books & Book Chapters**

### **I. Rotavirüs, Norovirüs, Astrovirüsler**

ALTINDIŞ M., KALAYCIOĞLU A. T., Yılmaz K.

in: Temel, Klinik ve Tanısal Tıbbi Viroloji, Prof. Dr. Mustafa Altındış Doç.Dr. Mehmet Özdemir Doç.Dr. Bahadır Feyzioğlu, Editor, Nobel, Ankara, pp.221-230, 2018

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

### **I. Crimean Congo Haemorrhagic Fever Disease Emergence in Turkey: Present and Future Consequences and One Health Concept**

Kalaycioglu A. T.

Uşak, Türkiye. 1st International Congress on Medical Sciences and Biotechnology Congress. , Uşak, Turkey, 14 - 16 October 2019, pp.56-57

### **II. Durmaz R, Unaldı O, Bakaloglu Z, Kalaycioglu AT, Korukluoglu G. PHYLOGENETIC ANALYSIS OF VP7 AND VP4 GENES OF THE COMMON ROTAVIRUS A GENOTYPES CIRCULATING IN TURKEY FROM 2013 TO 2016.**

DURMAZ R., Ünalđı Ö., Bakkalođlu Z., KALAYCIOĞLU A. T., KORUKLUOĞLU G.

Uluslararası XXXVIII Türk Mikrobiyoloji Kongresi, Antalya, Turkey, 04 November 2019 - 08 November 2018

### **III. Variation in the prevalence of Rotavirus genotypes during four years of surveillance from August 2012 to September 2016 in Turkey**

DURMAZ R., BAKKALOĞLU Z., KARAGÖZ A., UNALDI O., KALAYCIOĞLU A. T., SAVAS S., KORUKLUOĞLU G., TÜRKİYE ROTAVİRUS SURVEYANS N.

10th BALKAN MICROBIOLOGY CONGRESS, 16 - 18 November 2017

#### IV. Towards measles elimination: phylogenetic analysis of measles viruses(2011-2015) in Turkey

KALAYCIOĞLU A. T., GULDEMİR D., YOLBAKAN S., KORUKLUOĞLU G., COSGUN Y., COSKUN A., DURMAZ R.  
10th Balkan Congress of Microbiology, 16 - 18 November 2017

### Supported Projects

KALAYCIOĞLU A. T., Durmaz R., Dal T., Bakır M., Engin A., TÜBİTAK Project, Türkiye’de Kırım Kongo Kanamalı Ateş Virüslerindeki genetik varyasyonların tüm genom dizi analizi ile araştırılması ve olası varyasyonların hastalığın seyri ile ilişkisinin İrdelenmesi, 2018 - Continues

KALAYCIOĞLU A. T., BADEM M., ŞAHİN O., ALİYAZICIOĞLU R., ÖZGEN U., KORKMAZ N., ŞENER S. Ö., KANBOLAT Ş., KANDEMİR A., Project Supported by Higher Education Institutions, Echinophora chrysantha Bitkisinin Antioksidan Enzim ve Antimikrobiyal Aktivitelerinin Araştırılarak Farmasötik Alanda Kullanılabilirliğinin İrdelenmesi, 2018 - 2020

ALİYAZICIOĞLU R., KANDEMİR A., ÖZGEN U., KALAYCIOĞLU A. T., AKKAYA Ş., KORKMAZ N., ŞENER S. Ö., BADEM M., ATİK G., Project Supported by Higher Education Institutions, Eryngium Billardieri Bitki Ekstrelerinin Biyolojik Aktivitelerinin İncelenmesi, 2018 - 2020

YALÇIN C. Ö., ÖZGEN U., ÖZEL A., DOĞAN İ. S., ABUDAYYAK M., KAYA YAŞAR Y., ÇOBAN Ö., KALAYCIOĞLU A. T., Project Supported by Higher Education Institutions, Doğal ve sentezlenen biyoaktif bileşiklerin etkilerinin ve toksisitelerinin farklı hücre serilerinde in vitro incelenmesi, 2018 - 2019

### Metrics

Publication: 27

Citation (WoS): 153

Citation (Scopus): 154

H-Index (WoS): 6

H-Index (Scopus): 7

### Non Academic Experience

SAĞLIK BAKANLIĞI