

## Res. Asst. MEHMET KARA

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-9646-4584

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### Education Information

Doctorate, University of Florida, Faculty Of Medicine , Molecular Genetics And Microbiology, United States Of America  
2011 - 2016

Postgraduate, University of Florida, Faculty Of Medicine, Molecular Genetics And Microbiology, United States Of America  
2009 - 2011

Undergraduate, Istanbul University, Faculty Of Science, Moleküler Biyoloji Ve Genetik Bölümü, Turkey 2003 - 2007

### Dissertations

Doctorate, TARGET IDENTIFICATION OF MHV68 MIRNAS IN LYTIC REPLICATION, LATENCY AND REACTIVATION AND CHARACTERIZATION OF A MIRNA-ANTISENSE LONG NONCODING RNA, University of Florida, 2016

Postgraduate, Testing a nonviral vector for its long term stability and replication ability, University of Florida, 2011

### Research Areas

Immunology, Virology, Genetic Engineering, Molecular Biology of Cancer, Microbial Genetics

### Academic Titles / Tasks

Research Assistant, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2017 - Continues

### Courses

Viroloji, Undergraduate, 2018 - 2019

Molekuler Mikrobiyoloji, Undergraduate, 2017 - 2018

Temel Molekuler Biyoloji Laboratuvarı, Undergraduate, 2017 - 2018

Molekuler Immunoloji, Undergraduate, 2017 - 2018

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

1. EBV miRNAs are potent effectors of tumor cell transcriptome remodeling in promoting immune

## **escape**

Ungerleider N., Bullard W., Kara M., Wang X., Roberts C., Renne R., Tibbetts S., Flemington E. K.  
PLOS PATHOGENS, vol.17, no.5, 2021 (Peer-Reviewed Journal)

- II. **Empirical Validation of Overlapping Virus lncRNAs and Coding Transcripts by Northern Blot**  
KARA M., Tibbetts S. A.  
LONG NON-CODING RNAs IN CANCER, vol.2348, pp.243-253, 2021 (Peer-Reviewed Journal)
- III. **Identification of murine gammaherpesvirus 68 miRNA-mRNA hybrids reveals miRNA target conservation among gammaherpesviruses including host translation and protein modification machinery**  
Bullard W. L., Kara M., Gay L. A., Sethuraman S., Wang Y., Nirmalan S., Esemeli A., Feswick A., Hoffman B. A., Renne R., et al.  
PLOS PATHOGENS, vol.15, no.8, 2019 (Peer-Reviewed Journal)
- IV. **Genome-wide Transcript Structure Resolution Reveals Abundant Alternate Isoform Usage from Murine Gammaherpesvirus 68**  
O'Grady T., Feswick A., Hoffman B. A., Wang Y., Medina E. M., Kara M., van Dyk L. F., Flemington E. K., Tibbetts S. A.  
CELL REPORTS, vol.27, no.13, pp.3988-4007, 2019 (Peer-Reviewed Journal)
- V. **Viral FGARAT ORF75A promotes early events in lytic infection and gammaherpesvirus pathogenesis in mice**  
Van Skike N. D., Minkah N. K., Hogan C. H., Wu G., Benziger P. T., Oldenburg D. G., Kara M., Kim-Holzappel D. M., White D. W., Tibbetts S. A., et al.  
PLOS PATHOGENS, vol.14, no.2, 2018 (Peer-Reviewed Journal)
- VI. **A Gammaherpesvirus Noncoding RNA Is Essential for Hematogenous Dissemination and Establishment of Peripheral Latency**  
Feldman E. R., Kara M., Oko L. M., Grau K. R., Krueger B. J., Zhang J., Feng P., van Dyk L. F., Renne R., Tibbetts S. A.  
MSPHERE, vol.1, no.2, 2016 (Peer-Reviewed Journal)
- VII. **Virus-Encoded MicroRNAs Facilitate Gammaherpesvirus Latency and Pathogenesis In Vivo**  
Feldman E. R., Kara M., Coleman C. B., Grau K. R., Oko L. M., Krueger B. J., Renne R., van Dyk L. F., Tibbetts S. A.  
MBIO, vol.5, no.3, 2014 (Peer-Reviewed Journal)

## **Articles Published in Other Journals**

- I. **Gammaherpesvirus Readthrough Transcription Generates a Long Non-Coding RNA That Is Regulated by Antisense miRNAs and Correlates with Enhanced Lytic Replication In Vivo**  
KARA M., O'Grady T., Feldman E. R., Feswick A., Wang Y., Flemington E. K., Tibbetts S. A.  
Non-Coding RNA, vol.5, no.1, pp.6, 2019 (Peer-Reviewed Journal)

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

- I. **Identification of Gammaherpesvirus Encoded miRNA Targets in Latency, Reactivation and Lytic Replication**  
KARA M., Tibbetts S. A.  
4th International congress on Applied Biological Sciences, 3 - 05 May 2018
- II. **Transcript resolution and functional characterization of a novel gammaherpesvirus long noncoding RNA**  
KARA M., Tibbetts S. A.  
Molbiotech, 25 - 27 April 2018

## **Metrics**

Publication: 10

Citation (WoS): 107

Citation (Scopus): 115

H-Index (WoS): 5

H-Index (Scopus): 6