

## Lect. PhD SALİH KUMRU

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: F-6994-2019

Yoksis Researcher ID: 299102

### Education Information

Post Doctorate, Mississippi State University, College of Veterinary Medicine, Department of Comparative Biomedical Sciences, United States Of America 2021 - 2022

Doctorate, Mississippi State University, College of Veterinary Medicine, Department of Basic Sciences, United States Of America 2013 - 2018

### Dissertations

Doctorate, Comparative Genome Analysis of Fish Pathogens in the Flavobacterium Genus, Mississippi State University, College Of Veterinary Medicine, Department Of Basic Sciences, 2018

### Research Areas

Life Sciences, Bacteriology, Genomics

### Academic Titles / Tasks

Lecturer PhD, Recep Tayyip Erdogan University, Su Ürünleri Fakültesi, Su Ürünleri Yetiştiriciliği Bölümü, 2019 - Continues

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

- I. **Genomic diversity in flavobacterial pathogens of aquatic origin**  
Kumru S., Tekedar H. C., Blom J., Lawrence M. L., Karsi A.  
MICROBIAL PATHOGENESIS, vol.142, 2020 (SCI-Expanded)
- II. **Comparative genomics of *Aeromonas veronii*: Identification of a pathotype impacting aquaculture globally**  
Tekedar H. C., Kumru S., BLOM J., Perkins A. D., Griffin M. J., Abdelhamed H., Karsi A., Lawrence M. L.  
PLOS ONE, vol.14, no.8, 2019 (SCI-Expanded)
- III. **Comparative Genomics of *Aeromonas hydrophila* Secretion Systems and Mutational Analysis of hcp1**

### **and vgrG1 Genes From T6SS**

Tekedar H. C., Abdelhamed H., Kumru S., BLOM J., Karsi A., Lawrence M. L.  
FRONTIERS IN MICROBIOLOGY, vol.9, 2019 (SCI-Expanded)

#### **IV. Comparative Analysis of the *Flavobacterium columnare* Genomovar I and II Genomes**

Kumru S., Tekedar H. C., GÜLSOY N., WALDBIESER G. C., Lawrence M. L., Karsi A.  
FRONTIERS IN MICROBIOLOGY, vol.8, 2017 (SCI-Expanded)

### **Articles Published in Other Journals**

#### **I. Draft Genome Sequence of Fish Pathogen *Aeromonas bestiarum* GA97-22**

Kumru S., Tekedar H. C., Griffin M. J., WALDBIESER G. C., LILES M. R., SONSTEGARD T., SCHROEDER S. G., Lawrence M. L., Karsi A.  
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, vol.6, no.24, 2018 (ESCI)

#### **II. Draft Genome Sequences of Three *Aeromonas hydrophila* Isolates from Catfish and Tilapia**

Tekedar H. C., Kumru S., Kalindamar S., Karsi A., Waldbieser G. C., Sonstegard T., Schroeder S. G., Liles M. R., Griffin M. J., Lawrence M. L.  
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, vol.5, no.3, 2017 (ESCI)

#### **III. Draft Genome Sequences of Four Virulent *Aeromonas hydrophila* Strains from Catfish Aquaculture**

Tekedar H. C., Kumru S., Karsi A., WALDBIESER G. C., SONSTEGARD T., SCHROEDER S. G., LILES M. R., Griffin M. J., Lawrence M. L.  
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, vol.4, no.4, 2016 (ESCI)

#### **IV. Draft Genome Sequence of *Aeromonas hydrophila* TN97-08**

Tekedar H. C., Kumru S., Karsi A., WALDBIESER G. C., SONSTEGARD T., SCHROEDER S. G., LILES M. R., Griffin M. J., Lawrence M. L.  
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, vol.4, no.3, 2016 (ESCI)

#### **V. Genome Sequence of the Fish Pathogen *Flavobacterium columnare* Genomovar II Strain 94-081**

Kumru S., Tekedar H. C., WALDBIESER G. C., Karsi A., Lawrence M. L.  
MICROBIOLOGY RESOURCE ANNOUNCEMENTS, vol.4, no.3, 2016 (ESCI)

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

#### **I. Comparative genomic analysis of insect-pathogenic *Photorhabdus* bacteria**

Kumru S., Kalindamar S., Blom J., Hazır S.  
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019, vol.43

#### **II. Secretion systems of *Xenorhabdus* bacteria associated with entomopathogenic nematodes: A relative analyses**

Kalindamar S., KUMRU S., Blom J., HAZIR S.  
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019, vol.43

#### **III. Comparative Genomics Reveals the Species-Based Diversity of *Edwardsiella* Genus Members**

Tekedar H. C., Lawrence M. L., KUMRU S., Reichley S. R., Waldbieser G. C., Blom J., Griffin M. J.  
8th International Symposium on Aquatic Animal Health, Prince Edward Island, Canada, 2 - 06 September 2018

#### **IV. Comparative Genome Analysis of the *Aeromonas veronii* strain ML09-123**

Tekedar H. C., KUMRU S., Blom J., Abdelhamed H., Karsi A., Lawrence M. L.  
ASM (American Society for Microbiology) Microbe 2018, Atlanta, United States Of America, 7 - 11 June 2018

#### **V. The Role of Selected Secreted Proteins and Regulatory Hfq Proteins in Pathogenesis of Virulent *Aeromonas hydrophila***

Tekedar H. C., Kalindamar S., Karsi A., Abdelhamed H., KUMRU S., Lawrence M. L.

ASM (American Society for Microbiology) Microbe 2018, 7 - 11 June 2018

- VI. **Genome Sequence and Comparative Genomics of Fish Pathogen *Aeromonas bestiarum* GA97-22**  
KUMRU S., Tekedar H. C., Abdelhamed H., Lawrence M. L., Karsi A.  
15th Annual MCBIOS (Midsouth Computational Biology and Bioinformatics Society) Conference, 29 - 31 March 2018
- VII. **Comparative genome analysis of *Aeromonas veronii***  
KUMRU S., Tekedar H. C., Abdelhamed H., Lawrence M. L., Karsi A.  
ASM (American Society for Microbiology) South Central Branch Meeting, 19 - 21 October 2017
- VIII. **Characterization of Type VI Secretion System in *Edwardsiella ictaluri***  
Kalindamar S., Abdelhamed H., Kordon A. O., Lu J., KUMRU S., Tekedar H. C., Pinchuk L. M., Karsi A.  
ASM (American Society for Microbiology) South Central Branch Meeting, 19 - 21 October 2017
- IX. **Comparative genomics and mutational analysis of *tssD* and *tssI* genes in epidemic *Aeromonas hydrophila* isolate**  
KUMRU S., Tekedar H. C., Karsi A., Lawrence M. L.  
ASM (American Society for Microbiology) Microbe 2017, 1 - 05 June 2017
- X. **Extensive Comparative Genomics Analysis of Epidemic and Reference Fish Isolates of *Aeromonas hydrophila* Strains**  
KUMRU S., Tekedar H. C., Karsi A., Lawrence M. L.  
ASM (American Society for Microbiology) Microbe 2016, 16 - 20 June 2016
- XI. **Complete genome sequence of *Flavobacterium columnare* strain 94-081**  
KUMRU S., Tekedar H. C., Karsi A., Lawrence M. L.  
13th Annual MCBIOS (Midsouth Computational Biology and Bioinformatics Society) Conference, 3 - 05 March 2016
- XII. **Genome sequence and comparative analysis of *Flavobacterium columnare* strain 94-081**  
KUMRU S., Tekedar H. C., Karsi A., Lawrence M. L.  
4th International Conference of the Members of the Genus *Flavobacterium*, 27 - 29 October 2015

## Metrics

Publication: 21

Citation (WoS): 109

Citation (Scopus): 104

H-Index (WoS): 5

H-Index (Scopus): 5

## Congress and Symposium Activities

7th International Congress of the Molecular Biology Association of Turkey, Attendee, İstanbul, Turkey, 2019

15th Annual MCBIOS (Midsouth Computational Biology and Bioinformatics Society) Conference, Attendee, Mississippi, United States Of America, 2018

ASM (American Society for Microbiology) South Central Branch Meeting, Attendee, Arkansas, United States Of America, 2017

13th Annual MCBIOS (Midsouth Computational Biology and Bioinformatics Society) Conference, Attendee, Tennessee, United States Of America, 2016

4th International *Flavobacterium* Conference, Attendee, Alabama, United States Of America, 2015