



TAGEM
R&D AND INNOVATION

POULTRY RESEARCH INSTITUTE/ANKARA

HACI OMER BAYIR, M.Sc. Veterinarian (DVM)

EDUCATION

- PhD** Ankara University
Institute of Health Science
Department of Animal Nutrition and
Nutritional Diseases (Continuing)
Expected Graduation Date: 2024
- MSc** The University of Georgia
2016-2018
Department of Poultry Science
- Bachelor's Degree** Erciyes University
2008-2013
Faculty of Veterinary Medicine
- LANGUAGE** English YÖKDİL 83.75 / YDS 75

CAREER

- 2018-present Veterinarian (DVM), Poultry Research
Institute, Ankara, Turkey
- 2014-2015 Research Assistant, Harran University
Faculty of Veterinary Medicine, Sanliurfa, Turkey
- 2013 Veterinarian (DVM), Private Sector

ABOUT ME

I was born in Kahramanmaraş in 1988. After graduated from Veterinary School at Erciyes University in 2013, I got a research assistant position at Harran University Faculty of Veterinary Medicine. During that time, I applied a scholarship awarded by the Ministry of National Education to continue my higher education abroad. After completing application process, I was awarded this scholarship, then got acceptance from the University of Georgia for masters degree. I successfully graduated from the University in 2018, got back to the country, and then started working for the Ministry of Agriculture and Forestry.

CONTACT

Tavukçuluk Araştırma Enstitüsü
Müdürlüğü, İkizce Araştırma Ünitesi,
Haymana Yolu 30. Km, Gölbaşı /
Ankara/ TÜRKİYE

haciomer.bayir@tarimorman.gov.tr

0312 651 5156/203



HACI OMER BAYIR, M.Sc.
Veterinarian (DVM)



▪ **PROJECTS**

▪ **Projects Conducted**

1. Identifying Relevant Biomarkers related to Aflatoxin-exposure in Young Broilers (University of Georgia, USA).
2. Evaluation of an Enzyme Coctail/Botanical Combination Compared with an Enzyme or Botanical Fed Alone (University of Georgia, USA)
3. Evaluation of the effectiveness of an engineered biocarbon in broiler production (University of Georgia, USA)
4. Computed Tomografic Precision Rate-of-Passage Assay Without a Fasting Period in Broilers: More Precise Foundation for Targetting the Releasing Time of Encapsulated Products (University of Georgia, USA)
5. Evaluation of Encapsulated Sodium Butyrate on Broiler Performance Following Challenge with a Nalidixic Acid Resistant Salmonella Typhimurium (University of Georgia, USA)

▪ **Ongoing Projects**

- 1) Development of new Generation Anticoccidial Feed Additive and Genetic Diagnostic Kit for Broilers (Project Partners: TAGEM – Uludag University - Yem-Vit, TURKEY)
- 2) Effects of Perch Material and Feed Form on Behavioral Properties, Performance and Nutrient Digestibility of Layers (Project Partners: Poultry Research Institute-Ege University-Adnan Menderes University-Celal Bayar University, TURKEY)



HACI OMER BAYIR, M.Sc. Veterinarian (DVM)



▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Liu, J., **H. Bayir**, D. Cosby, N. Cox, S. Williams & J. Fowler (2017) Evaluation of encapsulated sodium butyrate on growth performance, energy digestibility, gut development, and Salmonella colonization in broilers. Poultry Science.

▪ **International Papers, Seminars, etc.**

1. **Haci Bayir**, Jundi Liu, Justin Fowler, and Casey Ritz, Evaluation of an engineered biocarbon for reduction of ammonia volatilization in broiler production. Poultry Science Association (PSA) Annual Meeting, July 2017, Orlando, Florida, USA
2. Jundi Liu , **Haci Bayir** , Douglas Cosby , Nelson Cox , and Justin Fowler, Evaluation of an encapsulated sodium butyrate with varying releasing times on broiler performance, energy digestibility, gut development and Salmonella colonization. Poultry Science Association (PSA) Annual Meeting, July 2017, Orlando, Florida, USA
3. **Haci Bayir**, Jundi Liu , Greg Mathis , Brett Lumpkins, Justin Fowler, Comparison of a feed or drinking water application of butyric acid in broilers challenged with necrotic enteritis. International Production&Processing Expo (IPPE), January 2018, Atlanta, Georgia, USA
4. **Haci Bayir**, J. Liu, C. Ritz, and J. Fowler, The efficacy of an engineered biocarbon in young broilers during aflatoxin exposure. Poultry Science Association (PSA) Annual Meeting, July 2018, San Antonio, Texas, USA
5. **Haci Bayir**, Jundi Liu, Greg Mathis, Brett Lumpkins, and Justin Fowler, Comparing a Feed or Drinking Water Application of Butyric Acid in Broilers Challenge with Necrotic Enteritis, 2. International Conference on Necrotic Enteritis, July 2018, Denver, Colorado, USA
6. **Haci Bayir**, J. Liu, C. Ritz, and J. Fowler The efficacy of an engineered Biocarbon in young broilers during an aflatoxin exposure, 5. International Poultry Meat Congress, April 2019, Antalya, Turkey
7. Oscar Tejeda, **Haci Bayir**, Matthew Jones, Nickki Tillman, and Justin Fowler An in vitro analysis of the interaction affinity between a dacitic (rhyolitic) tuff breccia and three different mycotoxins. Poultry Science Association (PSA) Annual Meeting, July 2019, Montreal, CANADA



HACI OMER BAYIR, M.Sc. Veterinarian (DVM)



▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. Evaluation of the effectiveness of an engineered biocarbon in broiler production.

▪ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**

Memberships

1. Poultry Science Association
2. World Poultry Science Association
3. Veterinary Poultry Association
4. Animal Nutrition Association

Training, Course, Meeting, Congress, Symposium and Other Activities

1. International Production & Processing Expo (IPPE), Atlanta, Georgia International Production & Processing Expo (IPPE), Atlanta, Georgia, USA, 2017
2. Poultry Science Association (PSA) Annual Meeting, Orlando, Florida, USA, 2017
3. International Production & Processing Expo (IPPE), Atlanta, Georgia, USA 2018
4. Poultry Science Association (PSA) Annual Meeting, San Antonio, Texas, USA, 2018
5. 2. International Conference on Necrotic Enteritis in Poultry, Denver, Colorado, USA, 2018
6. Symposium for Problems in Poultry Industry, Ankara, Turkey, 2019
7. Poultry Meat Congress, Antalya, Turkey, 2019
8. Certificate For The Use Of Experimental Animals, International Center For Livestock Research And Training, Ankara, Turkey, 2021