



TAGEM
R&D AND INNOVATION



AYTEN AŞKIN KILINÇ

Veterinary

EDUCATION

- PhD**
2016- Ankara University
Institute of Health Sciences/
Veterinary Biochemistry
- MSc**
2010-2014 Atatürk University
Institute of Health Sciences/
Veterinary Pathology
- Bachelor's Degree**
2002-2007 Atatürk University
Veterinary Faculty

LANGUAGE English YÖKDİL 91,25 / YDS 75

CAREER

- 2014- Directorate of Poultry Research Institute - Ankara
- 2013-2014 International Livestock Research and Training Center
Directorate-Ankara
- 2012-2013 Palandöken Agriculture and Forestry District
Directorate/ERZURUM
- 2009-2012 Şenkaya Agriculture and Forestry District
Directorate/ERZURUM

ABOUT ME

She was born in Ankara in 1982. In 2007, she graduated from Atatürk University, Faculty of Veterinary Medicine. He started his professional education in Atatürk University Institute of Health Sciences, Veterinary Pathology. She continues her phd education in Ankara University Institute of Health Sciences, Veterinary Biochemistry.


She has been involved in many research projects.

She continues her studies on animal health and metabolism, stress mechanisms in animals and liver pathophysiology.

CONTACT

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■ **PROJECTS**

■ **Projects Conducted**

1. Investigation of Some Adipokines (Visfatin, Asprosin, Progranulin) and Irisin, Atropine Hormones and Brain-Derived Neutrophic Factor (BDNF) Levels that Have a Role in Energy Regulation in Horses (Bayburt University- BAP-2019 Concluded).
2. Investigation of Probiotic, Moringa Olifera Essential Oil's Serum Apelin, Tau Proteins, Brain-Derived Neutrophic Factor (Bdnf), Cardiac Troponin Level, Hippocampal Neuron Count and Cardioprotective, Neuroprotective Effects in Partridges and Quails Under Experimental Heat Stress (Bayburt University- BAP- 2019).
3. Determination of the Factors Effecting Organic Agriculture Products Options of the Consumers (2020-TAGEM).
4. Breeding of Layer Pure Lines in Ankara Poultry Research Institute (2021-TAGEM).
5. Comparison the Effects of Dietary Safflower Oil and Some Vegetable Oils on Blood Parameters and Egg Quality Characteristics in Laying Hens (2019-TAGEM).
6. Enriched With Different Materials Cock Poultry Breeding Houses Effects on Performance and Welfare Parameters on Cocks (2016-TAGEM).
- 7- The Effects Enriched System on Litter upon Performance and Some Blood Parameters in Layer Breeders (2016-TAGEM).

■ **Ongoing Projects**

- 1- Effect of Some Factors on Sperm Parameters in Rhode Island Red-I Roosters (2018-TAGEM).
- 2- The Effect of Organic Chromium Added to the Diets of White Laying Breeders on Performance, Incubation Results, Sperm, Biochemical and Pathological Parameters (2020-TAGEM).
- 3- The Effect Of Heat Stress On Performance, Biochemical And Pathological Parameters on Atak-S And Akbay Hybrids (2020-TAGEM).
- 4- **The Investigation Of The Effect Of Pomegranate Peel Powder On Laying Hen Exposed To Heat Stress By Using Some Biochemical Parameters (2019-TAGEM- Leader)**
- 5- **Protective Effect Of Pomegranate Peel Powder Against Fatty Liver Syndrome In Laying Hens (TAGEM- 2018- Leader)**
- 6- **Investigation Of The Effect Of Black Seed (*Nigella sativa*) Pulp Added To The Ration Of White Egg Parents Exposed To Noise (2021-TAGEM- Leader)**
- 7- Morphological, Histopathological and Biochemical Investigation of Experimental Copper Toxicity in Akkaraman Sheep (TAGEM-2018).



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■ **PUBLICATIONS**

■ **INTERNATIONAL ARTICLES AND PAPERS**

■ **Articles Published in International Journals**

1. Kurtdede, E., Aralan, G., Cengiz, R. S., Kiliñ, A. A., Coşkun, Ç., & Salmanoğlu, B. (2019). Evaluation of Systemic Inflammation Parameters in Dogs with Periodontitis. *Acta Veterinaria*, 69(2), 218-228.
2. Bayraktar, B., Tekce, E., Çiğdem, T., Bayraktar, S. B., Kiliñ, A. A., Ülker, U., & Kurtdede, E. (2020). Investigating the adipokine and cardiac troponin response in experimental thyroid dysfunction. *Veterinarski arhiv*, 90(3), 289-296.
3. Kirbas, A., Degirmencay, S., Kilinc, A. A., & Eroglu, M. S. (2021). Evaluation of Serum Cardiac Troponin-I Concentration and Cardiac Enzyme Activities in Neonatal Calves with Sepsis. *Israel Journal of Veterinary Medicine*, 76, 1.

■ **International Papers, Seminars, etc.**

Posters:

1. The Effect of Conventional and Enriched Litter System upon Performance and Plumage Score in Roosters B. Tarım, M. Doğu, D. Doğan, **Aşkın Kiliñ, A.**, S. Demir, H. Öztürk. International Poultry Science Congress of WPSA'2018- Niğde-syf 477-481.
2. The Effect of Conventional and Enriched Litter System upon Performance and Some Blood Parameters in Layer Breeder Hens B. Tarım, M. Doğu, D. Doğan, **Aşkın Kiliñ, A.**, S. Demir, H. Öztürk. International Poultry Science Congress of WPSA. 2018- Niğde Syf 577-581.
3. The Effect of Conventional and Enriched Litter System upon Incubation Result and Plumage Score in Layer Breeder Hens B. Tarım , M. Doğu , D. Doğan , **Aşkın Kiliñ, A.**, S. Demir, H. Öztürk . International Poultry Science Congress of WPSA'2018- Niğde. syf 582-586.
4. Effects Of Chrome On Metabolic Pathways In Poultry. **A. Aşkın Kiliñ.**, M. Doğu., B. Salmanoğlu. 2. International Conference on "Veterinary Biochemistry and Clinical Biochemistry: Advances and Challenges in Understanding the Mechanism of Diseases. 2019- Ankara. syf 50.
5. Investigation of The Use and Effects of B-Carotene As A Bioactive Molecule In Poultry Nutrition, **Ayten Aşkın Kiliñ**, Bülent Bayraktar, Murat Doğu (31.10.2019-02.11.2019), 1.international Livestock Science Congress, 2019.
6. Determination Of The Factors Effecting Organic Egg Options Of The Consumers: Istanbul, Ankara And Izmir. Murat Doğu, Başak Aydın, **Ayten Aşkın Kiliñ**, Sunay Demir, Bülent Tarım, Filiz Pezikoğlu, Volkan Burucu, Mustafa Aslan, Duygu Aktürk. (31.10.2019-02.11.2019), 1.international Livestock Science Congress, 2019.



Oral Presentations:

- 1- Biochemical Investigation of Fatty Liver Hemorrhagic Syndrome and Lipid Metabolism in Poultry. **A. Askin Kilinc**. II. International Eurasia Summit 30 November - 2 December 2018- Ankara.
- 2- Investigation of Physiological and Biochemical Changes Due to Heat Stress in Poultry. **A. Aşkın Kılınç**, B. Bayraktar, E. Tekçe. II. International Eurasia Summit 30 November - 2 December 2018- Ankara.
- 3- Investigation of Physiological, Biochemical Properties of Tumor Necrosis Factor (Tnf-A). **A. Askin Kilinc**, B. Bayraktar, B. Kilinc. II. International Eurasia Summit 30 November - 2 December 2018- Ankara.
- 4- Investigation of Osteomyelitis Infection and Its Physiological, Biochemical and Pathological Effects in Poultry. U. Ülker, B. Kılınç, E. Tekçe, **A. Aşkın Kılınç**. II. International Eurasia Summit 30 November - 2 December 2018- Ankara.
- 5- Investigation of Physiological Role and Pathological Effects of Calcium Phosphorus Balance in Poultry Nutrition. M. Doğu, B. Bayraktar, B. Kılınç, **A. Aşkın Kılınç**. II. International Eurasia Summit 30 November - 2 December 2018- Ankara.
- 6- Comparison the Effects of Dietary Safflower Oil and Some Vegetable Oils on Blood Parameters and Egg Quality Characteristics in Laying Hens. M. Gültekin, E. Yenice, **A. Aşkın Kılınç**, B. Ertekin, C. Mızrak, M. Pekcan. 1.international Livestock Science Congress, 2019. Antalya.
- 7- Enriched With Different Materials Rooster Poultry Breeding Houses Effects On Of Performance and Welfare Parameters On Cocks. S. Demir, D. Baylan, M. Doğu, **A Aşkın Kılınç**, B. Tarım, H. Öztürk, MB. Tırpan, ME. İnanç, B. Çil. 1.international Livestock Science Congress, 2019. Antalya.
- 8- Protective Effect of Pomegranate Peel Powder Against Fatty Liver Syndrome in Laying Hens. B. Salmanoğlu, **A. Aşkın Kılınç**. 1.international Congress of The Turkic World on Health and Natural Sciences, 2019. Kirgızistan.
- 9- Hormonal Regulation of Bone Metabolism, Bülent Bayraktar, Emre Tekce, Vecihi Aksakal, Tahsin Uzun, **Ayten Aşkın Kılınç** (18.03.2019-20.03.2019), International Turkey Vision Congress (utvik-2019), 2019.
- 10- Investigation of Strain Effects on Some Adipokines (Visfatin, Asprosin, Progranulin) and Irisin, Preptin, Adropin Hormones and Brain-Derived Neutrophic Factor (Bdnf) Levels Which Have Role in Energy Regulation in Horses, Bülent Bayraktar, Emre Tekce, Vecihi Aksakal, Tahsin Uzun, Sevil Bayraktar, **Ayten Aşkın Kılınç** (18.03.2019-20.03.2019), International Turkey Vision Congress (utvik-2019), 2019.
- 11- Investigation of Iris Hormone Physiology and Its Effect on Physiological Systems, Bülent Bayraktar, Emre Tekce, Vecihi Aksakal, Yunus Emre Zengin, **Ayten Kılınç Aşkın** (18.03.2019-20.03.2019), International Turkey Vision Congress (utvik-2019), 2019.



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12- Investigation of Probiotic, Moringa Olifera Essential Oil's Serum Apelin, Brain-Derived Neutrophic Factor (BDNF), Cardiac Troponin Level, Hippocampal Neuron Count and Cardioprotective, Neuroprotective Effects in Quails Under Experimental Heat Stress, Bülent Bayraktar, Vecihi Aksakal, Mehmet Gül, Ülker Ülker, **Ayten Askin Kilinc** (05.09.2019-08.09.2019), Ejons 8th. International Conference On mathematics, Engineering, Natural Medical Sciences, 2019.

NATIONAL ARTICLES AND PAPERS

▪ Articles Published in National Journals

- 1- Aşkın Kılınç A., Sağlam YS. Pathological Examinations of Lesions Seen in Liver of the Sheep Slaughtered in Erzurum Province. Atatürk Üniversitesi Vet. Bil. Der., 2016; 11(2): 191-199.
- 2- İnanç, M. E., Çil, B., Tırpan, M. B., Öztürk, H., Demir, S., Doğu, M., Aşkın Kılınç, A., Tarım, B., Doğan, D., 2017. The Effect Of Layer Breeder Hen coop Enriched with Different Materials on Spermatological Parameters. Hayvancılık Araştırma Enstitüsü Dergisi. Cilt 57, Sayı:2

▪ International Papers, Seminars, etc.

- 1- Lipid Metabolism in Poultry, PhD Seminar, Supervisor: Prof. Dr. Berrin SALMANOĞLU, Ankara University, Department of Veterinary Biochemistry, 2018
- 2- Heat Stress and Heat Shock Proteins in Poultry, PhD Seminar, Supervisor: Prof. Dr. Berrin SALMANOĞLU, Ankara University, Department of Veterinary Biochemistry, 2018
- 3- Listeria Infections in Animals, MSc Seminar, Supervisor: Prof. Dr. Yavuz Selim SAĞLAM, Ataturk University, Department of Veterinary Pathology, 2012

▪ OTHER PUBLICATIONS

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

Master Thesis:

Pathological Studies on Liver Lesions in Sheep Slaughtered in Erzurum Province, Supervisor: Prof. Dr. Yavuz Selim SAĞLAM, Atatürk University Institute of Health Sciences, Department of Veterinary Pathology, 2014.

▪ Book Section

- 1- Vision of Türkiye: Multidisciplinary Studies 2019/ Department Name: Hormonal Regulation of Bone Metabolism, BAYRAKTAR BÜLENT, UZUN TAHSİN, TEKCE EMRE, AKSAKAL VECİHİ, ASKIN KILINÇ AYTEN, Publication Place: EKIN PUBLISHING, Editor: BÜLENT KIRMIZI, BAHAR İŞİGÜZEL, Number of pages: 780, I. 978-605-327-870-2, Chapter Pages: 366 -372



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2- Vision of Turkey: Multidisciplinary Studies 2019/ Department Name: Irisin Hormone Physiology and Investigation of Its Effect on Physiological Systems, ZENGİN YUNUS EMRE, BAYRAKTAR BÜLENT, TEKCE EMRE, AKSAKAL VECİHİ, ASKIN KILINÇ AYTEN, Publication Place: EKIN PUBLISHING, Editor: Bulent KIRMIZEL, Bahar KIRMIZI, Number of pages: 780, ISBN:978-605-327-870-2, Chapter Pages: 355 -358.

■ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities Courses:**

- 1- University-Industry Cooperation Project Preparation Training in the Agriculture Sector, Ondokuz Mayıs University, Samsun, 2019.
- 2- Suat GÜRCAN- Ridvan GÜRBÜZ Foreign Language Course, in collaboration with the General Directorate of Agricultural Research and Policies, 360 hours, Ankara, 2018.
- 3- Certificate of Use of Experimental Animals, Directorate of Livestock Central Research Institute, Ankara, 2013.
- 4- Training on Foreign Veterinary Controls for Livestock and Carcass Meat Imports, General Directorate of Food and Control, 2012.
- 5- Basic Computer Education Course, Directorate of International Agricultural Education Center, Ankara, 2013.
- 6- Control Officer Course, Samsun Provincial Directorate of Agriculture and Forestry, 2011.
- 7- Veterinary Basic Ultrasonography, Giresun Provincial Directorate of Agriculture and Forestry, 2007.
- 8- Artificial Insemination with Recto-Vaginal Method in Cattle, Bursa Provincial Directorate of Food, Agriculture and Forestry, 2007.

Congress, Symposium and Other Activities

- 1- International Biochemistry Congress 2021 / 32. National Biochemistry Congress, Gaziantep, 2021.
- 2- II. International Conference on “Veterinary Biochemistry and Clinical Biochemistry: Advances and Challenges in Understanding the Mechanism of Diseases, Ankara, 2019.
- 3- 1. International Livestock Science Congress, 2019. Antalya.
- 4- Ejons 8th. International Conference On mathematics, Engineering, Natural Medical Sciences, Erzurum, 2019.
- 5- International Turkey Vision Congress, Adana, 2019.
- 6- Eurasia Summit, 2nd International Gevher Nesibe Health Sciences Congress, Ankara, 2018.
- 7- II. Lipid Research Workshop, Hacettepe University Lipid Research Group, Ankara, 2017.



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- 8- Turkey 1st Poultry Research Workshop, Niğde Ömer Halisdemir University- Ministry of Agriculture and Forestry, Poultry Research Institute, 2017.
- 9- Pet Abuse and Neglect Workshop, Ankara University Faculty of Veterinary Medicine, 2017.
- 10- 'Abuse and Neglect in Pets: Why Should We Worry?' Program, Ankara University Faculty of Veterinary Medicine, 2017.