

Sultan Nurhan AYIKOL, DVM, MRCVS, Ph.D. Candidate, CertAqV candidate

Contact Information:

- **Phone:** 447947598033
 - **Email:** nurhanayikol@gmail.com
 - **LinkedIn:** <https://www.linkedin.com/in/nurhan-ayikol-0bb79917a/>
 - **Address:** 5 Landsby Mews, Corby, NN17 1FS, The United Kingdom
-

Profile:

I am a dedicated and highly motivated veterinary surgeon with a specialized focus on aquatic life and small animals, including exotic species. With 1.5 years of hands-on experience in a small animal clinic in the UK, I have honed my skills in providing exceptional veterinary care and surgical expertise. My extensive background in aquatic animal health, veterinary pharmacology, and toxicology complements my proficiency in managing diverse cases and ensuring optimal outcomes for my patients.

I excel at balancing multiple priorities and projects under pressure, demonstrating strong management and leadership capabilities. My commitment to continuous learning and professional development ensures that I stay at the forefront of veterinary medicine, delivering the highest standards of care to my patients both terrestrial and aquatic animal.

Current Employment:

- **Veterinary Surgeon**
Company: Vets for Pets
Location: Corby, England
Duration: March 2023 – Present
Focus: Small animals and exotics

- **PhD Student**
Institution: Ankara University, Faculty of Veterinary Medicine, Pharmacology and Toxicology Dept.
Location: Ankara, Turkey
Duration: July 2021 - Present
Research Topics: Aquatic Animal Health, Veterinary Pharmacology, Toxicology, One Health, Animal Welfare, Environmental Pollutants, Ecotoxicology

Education:

- **Ph.D. Candidate in Veterinary Pharmacology and Toxicology**
Institution: Ankara University, Graduate School of Health Sciences
Duration: 2021 – Present
Advisor: Prof. Dr. Ender Yarsan
- **Doctor of Veterinary Medicine**
Institution: Ankara University, Faculty of Veterinary Medicine
Duration: 2015 - 2021

Thesis: General aspect of the immune system and immune markers in Teleost Fish
Advisor: Farah Gonul Aydin, DVM, Ph.D., CertAqV

Publications:

- **Ayikol, S.N.**, Kutlu, F., Dincer, O.M., Aydin, F.G. (2020). Antibiotic Resistance in Aquaculture and The Role Of Biofilms. *Veterinary Pharmacology and Toxicology Association Bulletin*, 11(3), 168-178.
- **Ayikol, S.N.**, Eker N.E., Şahiner C., (2021) Advantages of Edible Film and Coating in Seafood. *ICBH 2021, Turkey*.
- **Ayikol, S.N.**, Aydin F.G. (2022) Immune Markers: New Era for Aquaculture Health. *2nd International Veterinary Pharmacology and Toxicology Congress*.
- **Ayikol, S.N.**, Yarsan, E. (2022) Alternative Approaches for Antimicrobial Resistance: Herbal Medicines. *2nd International Veterinary Pharmacology and Toxicology Congress*.
- YARSAN, E., AYIKOL, S. N. (2022). Bitkisel Droglardaki Önemli Bazı İlaç Etkin Maddeleri. *Türkiye Klinikleri Veterinary Sciences-Pharmacology and Toxicology-Special Topics*, 8(2), 1-7.
- Amankwah, B. K., Šauer, P., Grabicová, K., von der Ohe, P. C., **Ayikol, N. S.**, & Kroupová, H. K. (2024). Organic UV filters: Occurrence, risks and (anti-) progestogenic activities in samples from the Czech aquatic environment and their bioaccumulation in fish. *Journal of Hazardous Materials*, 471, 134338.
- Yarsan, Ender, Fatih Yilmaz, Sedat Sevin, Gökhan Akdeniz, Bekir Celebi, Seyit Hasan Ozturk, **Sultan Nurhan Ayikol** et al. "Investigation of resistance against to flumethrin using against Varroa destructor in Türkiye." *Veterinary Research Communications* 48, no. 3 (2024): 1683-1696.

Internships & Externships:

- **South Bohemia University, Laboratory of Aquatic Toxicology and Ichthyopathology**
Location: Vodnany, Czech Republic
Duration: July 2022 - January 2022
Advisor: Pavel Sauer, Ph.D.
- **In vitro Toxicology Lab, Ankara University, Faculty of Veterinary Medicine**
Duration: April 2020 - September 2021
Advisor: Farah Gonul Aydin, DVM, Ph.D., CertAqV
- **Aydos Dairy Farm**
Location: Ankara, Turkey
Duration: June 2019 - February 2020
- **Enpati Pet Clinic/VetGroup Pet Hospital**
Location: Muğla, Turkey
Duration: June 2017/2018 - September 2017/2018

Licenses & Certifications:

- Next Generation Sequencing and Data Analysis Course World Health Organization & A.U. Biotechnology Institute, 2023
- Methods for implementation of surveillance procedures for listed fish diseases, European Union Reference Laboratory for Fish and Crustacean Diseases, National Institute of Aquatic Resources, Technical University of Denmark, October 2022
- Zebrafish Husbandry Association's 1st European meeting, England, October 2022
- Advanced Open Water Diver, Professional Association of Diving Instructors, Turkey. May 2022
- Focus on Fish: Practical refinements for fishes in research and testing, The Largest Animal Welfare Charity in the UK (RSPCA), February 2022
- Fisheries and Aquaculture response to emergencies (FARE), FAO, January 2022.
- Veteriner Hekimlikte Yapay Zeka ve Dijitalizasyon Eğitim Programı, Turkey. February 2021.
- Fish and Amphibians Research @Unibe, Experimental Animal Centre, University Bern, Sweden November 2021
- 8th Ankara-Hannover Cooperation Symposium, Ankara University Veterinary Faculty, Turkey and The University of Veterinary Medicine Hannover, Germany. November 2021
- Introduction to histopathology in fish and crustacean diseases, European Union Reference Laboratory for Fish and Crustacean Diseases, National Institute of Aquatic Resources, Technical University of Denmark. October 2021
- Use of Experimental Animals, Istanbul Medipol University, Turkey. September 2021
- One-star scuba diver, World Underwater Federation, Turkey. August 2019
- Driving Licence, Class B June 2015

Memberships:

- **The British Sub-Aqua Club (BSAC)**
Duration: 2023- Present
- **Royal College of Veterinary Surgeons (RCVS)**
Duration: 2023- Present
- **European Association of Fish Pathologists (EAFP)**
Duration: 2023- Present
- **American Academy of Underwater Sciences (AAUS)**
Duration: 2022 - Present
- **World Aquatic Veterinary Medicine Association (WAVMA)**
Duration: 2020 - Present
- **International Zebrafish Society (IZFS)**
Duration: 2021 - Present
- **European Aquaculture Society (EAS)**
Duration: 2020 - Present

- **Veterinary Pharmacology and Toxicology Association**
Duration: 2021 - Present

Projects:

- Determination of MIC and Epidemiological Cut-off Values and Detection of Biofilm Formation of *Aeromonas* spp. Isolated from Earthen Ponds in Aegean Region
Institution: Ankara University
Duration: 2021 - 2022
Role: Researcher
Advisor: Farah Gonul Aydin
- Establishment of Zebrafish Research Laboratory and Research on Acute Embryotoxic Effects of Some Veterinary Anthelmintic Drugs
Institution: Ankara University
Duration: 2022-2024
Role: Researcher
Advisor: Ender Yarsan
- CA20125 Applications for zoosporic parasites in aquatic systems, COST Action-European Cooperation in Science & Technology, 2022-2026 Project Role: Working Groups Membership
- CA21111- One Health drugs against parasitic vector borne diseases in Europe and beyond (Onehealthdrugs), COST Action, European Cooperation in Science & Technology, 2022-2026 Project Role: Working Groups Membership

Grants & Awards:

- Erasmus Student Internship Programme, University of South Bohemia, The Research Institute of Fish Culture and Hydrobiology
Duration: July 2022 - January 2023
- YOK (Council of Higher Education) 100/2000 grant Molecular Pharmacology, and Drug Discovery Program, Turkey. 2021
- TEKNOFEST, Technology For Humanity Competition, Category: Health and First Aid, 2021 Finalist Role: Team Manager
- Erasmus Student Exchange Programme, Lithuanian University of Health Sciences, Faculty of Veterinary Medicine
Duration: 2018-2019

Languages:

- **Turkish:** Native Speaker
- **English:** Academic-Advanced Level

Professional Skills

- High motivation, initiative, and independent thinking
- Excellent interpersonal, communication, and problem-solving skills
- Strong management and leadership abilities
- Proficient in multitasking and prioritization under pressure
- Successful veterinary practice management and strategy execution
- Extensive research experience with animal biosafety levels 1-3

References:

- **Farah Gonul Aydin, DVM, Ph.D., CertAqV**
Institution: Ankara University, Faculty of Veterinary Medicine, Dept. of Pharmacology and Toxicology
Email: farahgonul.aydin@gmail.com
LinkedIn: [Farah Gonul Aydin](#)
- **Pavel Sauer, Ph.D.**
Institution: University of South Bohemia, Faculty of Fisheries and Protection of Waters, Laboratory of Aquatic Toxicology and Ichthyopathology
Email: psauer@frov.jcu.cz
- **Ender Yarsan, Prof., DVM, Ph.D.**
Institution: Ankara University, Dean of Faculty of Veterinary Medicine
Email: yarsan@veterinary.ankara.edu.tr, eyarsan@gmail.com
LinkedIn: [Ender Yarsan](#)
- **Can Guloglu, DVM, PhD, MRCVS**
Company: AIO PARTNERS LTD
Email: canguloglu@gmail.com
LinkedIn: http://linkedin.com/in/s-can-gulo_lu-70168549