

## **WAVMA AGM 2023 Webinars – Full Description**

There will be three webinars presented during the 2023 WAVMA AGM. These will be worth 1.5 hours CEPD if you take the KSA quiz. Registration is free and open to all.

### **Biomonitoring insights in sea turtle populations (13.05 – 13.30 UTC), Maribel Escobedo Mondragón (Mexico)**

#### **Synopsis:**

Advancement of industrial and new technologies, and its waste disposal into coastal waters have resulted in marine ecosystem changes. Inorganic elements as pollutant compounds are a global concern due to their potential toxic effect, persistence, and ability to bioaccumulate in aquatic ecosystems. Biomonitoring programs has become a useful tool for the development of preventive strategies against environmental impacts and climate change in the marine ecosystems. Since 2017, the “Biomonitoring program in Yucatán Peninsula”, had been collaborate with multiple sea turtle conservation programs, to understand the impact of emerging inorganic compounds, causes of strandings, mortality and other anthropogenic impacts on the region.

#### **Learning Objectives:**

1. Understand what a biomonitoring program is
2. Get to know some activities of a wildlife veterinarian
3. Learn about inorganic pollutants

#### **Speaker Bio:**

Dr. Escobedo is a dedicated wildlife professional based in Quintana Roo, Mexico, candidate to a Ph.D. in Animal Science for Wildlife Management from the National Autonomous University of Mexico (UNAM). She obtained her Master's degree in Wildlife Medicine in 2019 and is a WAVMA Certified Aquatic Veterinarian (CertAqV).

Dr. Escobedo specializes in ecotoxicology for biomonitoring programs, and sea turtle medicine & rehabilitation. Currently, she is serving as a technical advisor for sea turtle conservation programs, and actively involved in professional organizations, in which holds leadership positions related to Sea Turtle Protection and Conservation, in Mexico and for the Latin American region and is active member as Leader of the Student Support Subcommittee of the Education and Students Committee at the World Aquatic Veterinary Medical Association.



### **Antimicrobial resistance and alternative to antimicrobials in aquaculture (13.30 – 14.00 UTC), Dr. Farah Gonul Aydin (Turkey)**

#### **Synopsis:**

Aquaculture's Antibiotic Challenge: Seeking Sustainable Solutions.

**Learning Objectives:**

1. Antimicrobials used in aquatic animal health
2. AMR and Alternative to antimicrobials in aquaculture
3. Quadripartite AMR Multi Stakeholders Partnership Platform and efforts on understanding AMR

**Speaker Bio:**

Dr. Farah Gonul Aydin graduated from Ankara University Faculty of Veterinary, Turkey and earned a Ph.D. in Veterinary Pharmacology and Toxicology, where she addressed a significant issue in global aquatic animal health related to antibiotic resistance contributing substantially to the field. Was appointed as a Research Assistant in the same department at Ankara where she continued researching on antimicrobial use in aquatic animals and other endocrine-disrupting chemicals effects on the aquatic ecosystem along with University of South Bohemia. Since 2020, Dr Aydin has been serving WAVMA in various instances, currently WAVMA Director of Middle East. Dr Adin has been WAVMA representative at the Plenary Session of the AMR Multi-Stakeholders Partnership Platform, which aims to catalyze a global movement for action against antimicrobial resistance (AMR) by fostering cooperation between a diverse range of stakeholders at all levels across the One Health spectrum, where FAO/WHO/WOAH are among the partners.

**Overview on the current main health and management issues in salmon aquaculture (14.00 – 14.30 UTC), Dr Hamish Rodger (Ireland)****Synopsis:**

Salmon aquaculture faces a myriad of health challenges with infectious, non-infectious diseases and complex issues emerging.

**Learning Objectives:**

1. Understand salmon farming health priorities
2. Awareness of gaps in knowledge
3. Understand need for vets in salmon aquaculture

**Speaker Bio:**

Hamish Rodger graduated from the Uni. of Glasgow (1984). He has a MSc and PhD from the University of Stirling. Following work in academia (Uni. Stirling & UPENN) & aquatic animal vet practice he established and operated an aquatic animal health consultancy which merged into PatoGen AS [www.patogen.com](http://www.patogen.com) where he serves as Chief Fish Health Officer and provides diagnostic services, consultancy, training and veterinary services to aquaculture companies on a global basis and is involved in aquaculture research.

