



21st International
Conference on Diseases
of Fish and Shellfish

11 - 14 September 2023
Aberdeen, UK

Histopathology Workshop
Sunday 10 September 2023

8.45-9.00	Welcome
9.00-9.45	Jeff Wolf: Misdiagnoses and Missed diagnoses: Challenges in Fish Toxicologic Pathology
9.45-10.15	Carolina de Sales: An end to the controversy over the microscopic detection and effects of pristine microplastics in fish organs
10.15-10.45	Coffee break
10.45-11.15	Jeff Wolf, Heike Schmidt-Posthaus: Normal anatomy of gastrointestinal tract in teleosts
11.15-11.35	Diana Elliott: Normal anatomy and physiology of gastrointestinal tract in sturgeon
11.35-11.50	Case 1: Christoph Steinbach et al: Classification of autolytic degeneration in the exocrine pancreatic tissue in carp fixed with 10% neutral buffered formalin and Davidson's fixative
11.50-12.05	Case 2: Eva Lewisch: Parasitic Objects in the Liver of European Chub, <i>Squalius cephalus</i>
12.05-12.20	Case 3: Margarita Smirnov: First case of Iridovirus infection in Israeli mariculture gilthead sea bream (<i>Sparus aurata</i>)
12.20-13.15	Lunch break
13.15-13.45	Slide viewing Cases 1-3 (presenters are present to answer questions)
13.45-14.00	Case 4: Francesc Padrós, Maria Constenla: Zebrafish: Herbicides and sometimes, surprises
14.00-14.15	Case 5: Maria Constenla et al.: Archamoebae in the intestine of Senegalese sole, <i>Solea senegalensis</i>
14.15-14.45	Cases 6-8: Teresa Pirollo et al: Co-infection by coccidia (Apicomplexa) and <i>Sphaerospora dicentrarchi</i> (Myxozoa) in European sea bass (<i>Dicentrarchus labrax</i>) Severe enteric infection caused by the myxozoan <i>Enteromyxum leei</i> in gilthead seabream (<i>Sparus aurata</i>) Enteric infection due to the microsporidian <i>Enterospora nucleophila</i> in gilthead seabream (<i>Sparus aurata</i>)
14.45-15.15	Slide viewing Cases 4-8 (presenters are present to answer questions)
15.15-15.30	Coffee break
15.30-16.00	Case 9 & 10: Mar Marcos-López: "Pot belly disease" in barramundi (<i>Lates calcarifer</i>). Enteritis in Atlantic salmon (<i>Salmo salar</i>) associated with presence of segmented filamentous bacteria (SFB).
16.00-16.20	Case 11: Tatiana Zingre, Nicolas Diserens: Nutrition-related degenerative, proliferative and inflammatory hepatic and enteric changes in European perch (<i>Perca fluviatilis</i>)
16.20-16.30	Case 12: Stefania Vannetti: Proliferative enteritis in stickleback caused by <i>Goussia</i> sp.
16.30-16.45	Case 13: Kai-Inge Li: Necrotizing hepatitis in farmed rainbow trout (<i>Oncorhynchus mykiss</i>) associated with <i>Salmoxicellia vastator</i> (formerly <i>Pisciperkinsus</i> sp)
16.45-17.15	Slide viewing cases 9-13 (presenters are present to answer questions)
17.15-17.30	Final discussion
17.30	End of workshop