

E-lasmo Conference 2023 Agenda

Day One

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| 0.00 | Welcome and Introduction | Dr Rob Jones |
| 0.10 | <i>Rhina ancylostoma</i> : a most complex transport, for all the wrong reasons! | Dr João Correia |
| 0.30 | Veterinarian Hands Across the Atlantic Ocean | Dr João Correia |
| 0.50 | Elasmobranch Reproduction Anatomy and Styles | Dr Rob Jones |
| 1.20 | Aquarium-Based Research to Support the Rewilding of <i>Stegostoma tigrinum</i> in Indonesia | Dr Kady Lyons and Dr Jennifer Wyffels |
| 1.50 | BREAK | |
| 2.20 | Raising Rip: From Aquarium Conception to a Year of Age for a Sand Tiger Shark (<i>Carcharius taurus</i>). | Dr Bob George |
| 2.50 | General Reproduction Discussion / Roundtable | Dr Rob Jones AND Dr Bob George |
| 3.10 | Holistic Husbandry Management of a Population of 0.5 Blackblotched Rays (<i>Taeniura meyeni</i>) | Amanda Vaughan |
| 3.30 | Sharks in Developmental Biology: A Comprehensive Staging Guide of the Epaulette Shark (<i>Hemiscyllium ocellatum</i>). | Rebecca Dale |
| 3.50 | Closing Remarks | Dr Rob Jones |



Day Two

0.00	Welcome and Introduction	Dr Rob Jones
0.10	Leopard Shark (<i>Triakis semifasciata</i>) reproduction in captivity: hormonal, ultrasonographic and growth follow-up	Dr Pierre-Marie BOITARD
0.30	Findings from fine-scale daily tracking of epaulette shark (<i>Hemiscyllium ocellatum</i>) reproduction	Dr Carolyn Wheeler
1.00	From Scrawny to Brawny: How Training Cownose Rays Can Revolutionize Their Care and Enrich Their Lives	Hannah Cutting & Audrey Santos
1.30	The Differences Between Tops and Bottoms. Navigating Training and Enrichment for Both Pelagic and Benthic Rays	Katie Benya, Elizabeth Hincker, and Nicole Wiegand
1.50	Training Giant Manta Rays, <i>Mobula birostris</i> , for Collaborative Research and Conservation Efforts	Alyse Stitt & Candice Latini
2.10	BREAK	
2.40	Increasing ray wellbeing through behavioural husbandry, training and enrichment at Steinhart Aquarium	Brenda Melton
3.05	SAFE Shark and Ray – Collaborative Work to Save Species	Hap Fatzinger and Paul Cox
3.35	Elasmobranch Blood Sampling	Dr Rob Jones
3.50	Closing Remarks	Dr Rob Jones

Day Three

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| 0.00 | Welcome and Introduction | Dr Rob Jones |
| 0.10 | Sawfish Transport from Goteborg (Sweden) to Valencia (Spain). | Carlos Taurá |
| 0.30 | Increasing the Pharmacotherapeutic Data in Elasmobranchs: Pharmacokinetics of the Anti-inflammatory Drug Meloxicam in the Undulate skate (<i>Raja undulata</i>) | Dr Pablo Morón-Elorza |
| 0.45 | Do Elasmobranchs feel pain ? | Dr Rob Jones |
| 1.00 | Descriptive timeline of an unidentified illness development and subsequent treatment of juvenile sand tiger sharks (<i>Carcharias taurus</i>) over a 5-month period. | Alissa Cardone and Ellen Leever |
| 1.20 | Unique Approaches in Resolving Buoyancy Issues in a Sand Tiger Shark (<i>Carcharias taurus</i>) | Josh Moline and Christoph Noetzli |
| 1.50 | BREAK | |
| 2.20 | Standardized Monitoring of Elasmobranch Health and Behavior: Creation of a Diagnostic Tool for Assessing Efficacy of Treatment | Jillian M. Sawyna, Sarah Miller, Melissa Paynter, Leah Neal |
| 2.40 | Intraocular pressures of aquarium-housed Cownose rays (<i>Rhinoptera bonasus</i>) with normal and abnormal ophthalmic exams | Dr Laura Martinelli |
| 3.00 | Ozone 101 | Dr Rob Jones |
| 3.20 | Ozone - a Useful Tool, but, also, a Danger | Dr Brian Joseph |
| 3.50 | Closing Remarks | Dr Rob Jones |

Day Four

0.00	Welcome and Introduction	Dr Rob Jones
0.10	25 Years and Counting...	Paul Cox
0.40	Case series evaluating the efficacy of mammalian GnRH agonist (Suprelorin®) implants to sperm production in Grey Carpet Sharks (<i>Chiloscyllium punctatum</i>).	Dr Claire Madden
1.00	Monitoring Scalloped Hammerhead Sharks after Private Events	Dr Chad Widmer
1.20	Dermal Mineralization in Elasmobranchs	Dr Amy Kizer
1.40	Managing the elusive nature of <i>Hemiscyllium ocellatum</i> in a multi-species exhibit.	Gabriel French
1.55	BREAK	
2.25	The effects of Gonadotropin-Releasing Hormone (GnRH) superlorin implant on male dominance-based aggression and behaviour in an aquarium population of Grey Carpet Sharks (<i>Chiloscyllium punctatum</i>).	Courtney Porter
2.40	The use of public aquariums supporting scientific elasmobranch research can lead to improved conservation and scientific outcomes	Sergio Garcia Clinton Karger
2.55	Hacking the Elasmobranch Training Model	Clinton Karger
3.10	Cancer in Elasmobranchs: A Case Study	Dr Brett De Poister
3.30	Topic to be confirmed	Dr Rob Jones
3.50	Closing Remarks	Dr Rob Jones