



Detailed Program for the XVI SINA
March 29 - April 1, 2022

	Tuesday 29	Wednesday 30	Thursday 31	Friday 1
8:00-8:40		Oscar Monroig (España) ; Latest advances in the study of the biosynthesis of long-chain omega-3 fatty acids in aquatic invertebrates.	Chi Man (Hong Kong) ; Improving Shrimp Production by Monoglycerides. Patrocinio de BASF	Claudia Maytorena (México) ; Effect of mannans-oligosaccharides on growth, digestive enzymes activity, and expression of genes related to the intestinal mucosa of <i>Atractosteus tropicus</i> larvae.
8:40-9:20		David Celdrán Sabater (España) ; Symbiotic aquaculture as a new productive technique of Bioaquafloc.	Francisco Javier Alarcón (España) ; Unveiling the potential of algae for the production of feed for aquaculture fish.	Addison Lawrence (USA) ; A review of bacterial attractants and fish meal replacements in diets for <i>Litopenaeus vannamei</i> .
9:20-10:00		Joseph Selvin (India) ; Application of Poly-β-hydroxybutyrate in Shrimp Health Management.	Crisantema Hernández (México) ; Basos, sources of protein.	Marcelo Tessier (Brasil) ; Use of non-conventional feeds in aquaculture: Studies carried out at the Federal University of Rio Grande -FURG.
10:00-10:40		Emmanuel Martínez (México) ; Proteins and Peptides from Liquid Fishery Residues: Obtention, Bioactivity, and its Use in Aquaculture Feed.	Ángel Campa (México) ; Bacteria and microalgae interaction on rearing Kumamoto oyster <i>Crassostrea sikamea</i> spat / Interacción bacteria microalga en el cultivo de semilla del ostión Kumamoto <i>Crassostrea sikamea</i> .	Andressa Teles (México) ; Bioencapsulation of probiotic yeast for <i>Seriola rivoliana</i> larvae.
10:40-11:20		11:00 h. Platform opening. Words of welcome by the Organizing Committee.	Ricardo Sanchez (México) ; Probiotics for aquaculture seen from the nutritional and bioremediation perspective.	Carmen Monroy (México) ; Functional foods and their application in aquatic organisms.
11:20-12:00		Nardy Diez (Perú) ; Bioremediation as a strategy for the sustainable management of Aquaculture. Sponsorship of Agrantech	Helene Volkoff (Canada) ; Effects of nutritional status and environmental factors on the endocrine regulation of feeding in selected freshwater teleost fish.	Maria Célia Portella (Brasil) ; The integration of biofloc technology with plant production and the possibility to reduce the protein level of tilapia juveniles' diet.
12:00-12:40		Javier González (Chile) ; Development and Application of Phytonutrients in Aquaculture. Sponsored by Nuproxa	Luis Martínez (México) ; Sustainable aquaculture alternatives: nutritional aspects.	Poster Award
12:40-13:20		Waldo Nuez-Ortín (España) ; Functional additives, key to the development of sustainable aquaculture. Sponsored by Adisseo		
13:20-14:00		Allen Davis (USA) ; Holistic look to the future of feeds and feed management. Sponsored by USSEC	Lunch	
14:00-14:40			Martín Arenas (México) ; Advances in the nutrition of <i>Centropomus undecimalis</i> .	
14:40-15:20	Lunch	Francisco J. Toledo S. (México) ; Titarro (<i>Lathyrus cicera</i> L.) as a sustainable alternative to replace soybean meal in <i>Oncorhynchus mykiss</i> feeds. Ma. Teresa Viana (México) ; Formulated diets for carnivorous fish from partial to total fish oil and fish meal replacement. Sponsored by NARA Sophie Hiscocks (United Kingdom) ; Enhancing the nutritional value of aquafeeds with phytase. Patrocinio de AB Vista	Luis Hernández (México) ; Advances in nutrition of the shrimp <i>Macrobrachium acanthurus</i> .	Round Table
15:20-16:00				
16:00-16:40		Madison Powell (USA) ; Correlation of expression and enzyme activity among stress-related genes in Salmonids.	Grecia Montalvo (México) ; Antioxidant and immune system response of breeding male <i>Litopenaeus vannamei</i> Boone (1931) fed diets supplemented with vitamin E.	Closing Ceremony
16:40-17:20	Opening Ceremony and keynote conference, Dr. Albert Tacon The Role of Fish Nutrition in Improving Human Health and Global Good Security.	Vikas Kumar (University of Idaho) ; Nutrigenomic approaches improve the efficiency of soybean meal utilization in salmonids Aquaculture.	Omar Mendoza (Australia) ; Development of high-throughput omics resources for aquaculture nutrition.	
17:20-18:00		Yutaka Haga (Japón) ; Effect of taurine precursor on growth and taurine content of marine fish.	Artur Rombenso (Australia) ; Aquaculture nutrition research at CSIRO: Maintaining productivity and competitiveness in challenging times.	AENA General Assembly
18:00-19:00		Poster Session	Poster Session	

