

# BioAqua 2024

FROM BASIC RESEARCH TO APPLIED SCIENCE

From May 26<sup>th</sup> to 30<sup>th</sup>, 2024

The Center for Genetic Engineering and Biotechnology of Havana (CIGB) and the Organizing Committee have the pleasure to announce the third edition of the international meeting "BioAqua2024: from basic research to applied science". In this conference, the most recent results in aquatic organism's basic research and biotechnology applied to Aquaculture will be presented. Previous editions were very fruitful in terms of scientific exchanges and opportunities to establish global research networks.

## MAIN TOPICS

- Fish and shellfish immunology
- Vaccines and immunostimulants for aquaculture
- Functional diets
- Host-pathogen interactions
- Functional genomics
- Diagnostics
- Evolution of the immune response and neuro-endocrine functions
- Neuroendocrine regulation of growth
- Reproduction
- Stony coral tissue loss disease

## VENUE

Resort in Varadero beach, Cuba

## FOR ADDITIONAL INFORMATION:

PhD. Mario Pablo Estrada

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PhD. Yamila Carpio

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🌐 <https://agropecuaria.cigb.edu.cu/bioaqua>

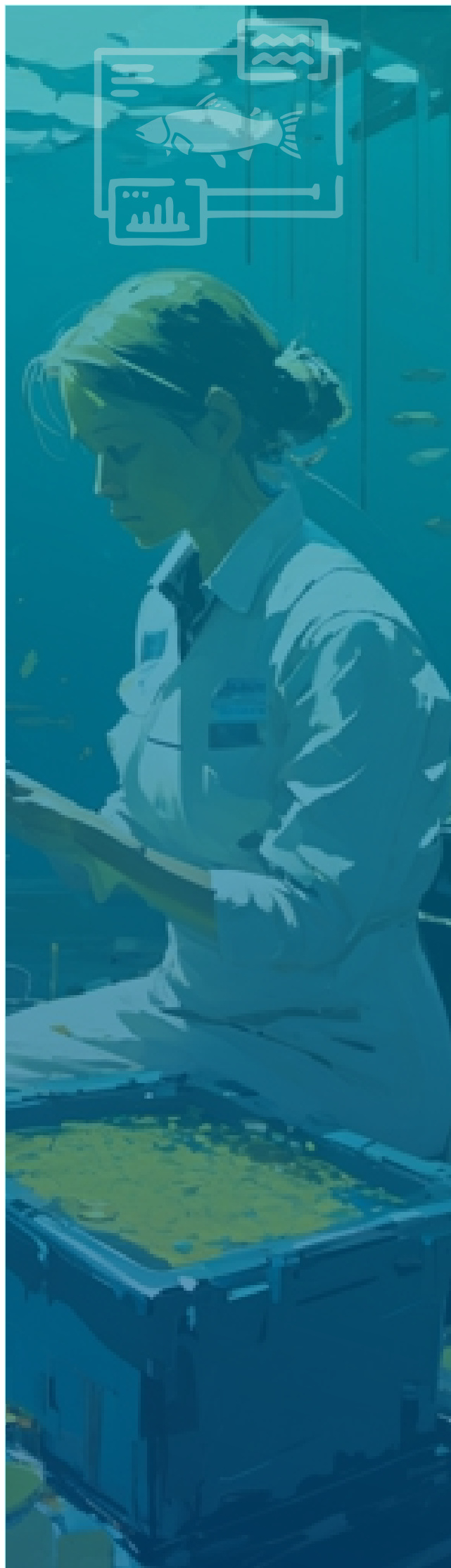
🌐 <https://www.cigb.edu.cu/events/>

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## REGISTRATION FEE:

Sector	Until May 1 <sup>st</sup>	From May 2 <sup>nd</sup>
Company	550 €	650 €
Academic	450 €	550 €
Students	300 €	350 €
Companions	200 €	250 €

The Congress venue is around 100 Km away from Havana.

This fee includes:

- Transportation Havana-Varadero-Havana in buses
- Access to all scientific documents and activities (not included for companions)
- Dinner and welcome party

## PRELIMINARY PROGRAM

Sunday May 26 <sup>th</sup>	Monday May 27 <sup>th</sup>	Tuesday May 28 <sup>th</sup>	Wednesday May 29 <sup>th</sup>	Thursday May 30 <sup>th</sup>
8:00-14:00 Transfer to hotel	8:30-9:30 Key Lecture	8:30-9:30 Key Lecture	8:30-9:30 Key Lecture	8:30-9:30 Final Remarks
14:00-17:00 Check in -Registration	9:30-11:00 Oral Session	9:30-11:00 Oral Session	9:30-11:00 Oral Session	11:00-11:30 Closure Ceremony
Lunch	11:00-11:30 Coffee Break	11:00-11:30 Coffee Break	11:00-11:30 Coffee Break	11:00-12:00 Check out
19:00-22:45 Dinner and welcome party	11:30-13:30 Oral Session	11:30-13:30 Oral Session	11:30-13:30 Oral Session	13:30-15:00 Lunch
	13:30-15:00 Lunch	13:30-15:00 Lunch	13:30-15:00 Lunch	15:00-17:00 Departure
	15:00-17:00 Poster Session	15:00-17:00 Poster Session	15:00-17:00 Poster Session	
	20:00 Free night	20:00 Free night	20:00 Free night	

## ABSTRACT SUBMISSION:

All submitted abstracts will be analyzed by a Scientific Committee for selecting them either as oral or poster presentation. The text of the abstract should not exceed 300 words. Abstracts may be presented in Spanish or English (preferably in English) and will be published as an Abstract Book. Oral presentations will be in English.

The **deadline** for abstract submissions will be on **May 1<sup>st</sup>, 2024**.

Poster size should be until 120×90 cm (large x width).

Submission process will be online using the Congress web site

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## WORKSHOP

STONY CORAL TISSUE LOSS DISEASE (SCTLD)

May 28<sup>th</sup>  
(14:00 to 17:00)

**STONY CORAL TISSUE LOSS DISEASE (SCTLD)** is a highly lethal disease that has devastated coral reefs throughout Florida and the wider Caribbean in recent years. First detected off Miami's coast in 2014, the disease affects many important reef-building coral species and has high rates of mortality. Indeed, once infected corals begin to lose living tissue, many will die within weeks to months without active intervention. Experts believe this may be the most lethal coral disease ever recorded. While extensive efforts are now underway to treat sick corals, understand the disease's origins, rescue coral diversity, and restore reefs, more needs to be done if we are to protect the region's remaining reefs and ensure they are resilient and sustainable for future generations.



This is the reason that we decided to organize a satellite symposia on May 28th in the afternoon (14:00 to 17:00) as part of Bioaqua2024 to exchange about this important disease and possible contribution of scientific community to mitigate its impact.



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## ABOUT VARADERO

Varadero is the best known tourist resort town of Cuba, ranked second among the best beaches in the world, according to the Travelers' Choice 2022 Best of The Best selection, with more than 20 km of white sandy beaches placed in the Hicacos peninsula which is only 1.2 km wide in the north cost of the island around 100 km far away from the Havana city.



## ABOUT CUBA'S CULTURE

Cuba's culture is a rich amalgam of African, Spanish, and Caribbean pastimes: the food, the religions, rum, cigars and the music and dances, all combine elements of the Old World and the New. We are planning to join all these experiences with the Bioaqua conferences of scientific excellence, with the aim of achieving a wonderful experience for all our delegates.

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## SPONSORS

The Organizing Committee would like to launch a call to be sponsor of the BioAqua 2024 Conference.

As sponsor, you will have access to the top world scientific community working on these topics and it will be a very good opportunity to promote your organization in this framework with the objective that attendees learn more about your specific businesses.

The BioAqua Organizing Committee will be extremely grateful that you, as sponsor, take your time and budget to help more people to participate in this Conference opting for any of the following Sponsorship Packages:

### BRONZE PACKAGE

(2000 €), 1 person free of registration fee and accommodation for BioAqua and the opportunity of including a conference within the scientific program. The name and logo of your organization will be displayed in all Conference promotions.

### SILVER PACKAGE

(3000 €), 2 persons free of registration fee and one accommodation for BioAqua and the opportunity of including a conference within the scientific program. The name and logo of your organization will be displayed in all Conference promotions. The organizing committee can arrange a limited space to show a special equipment and information from your organization.

### GOLD PACKAGE

(4000 €), 4 persons free of registration fee for BioAqua and the opportunity of a plenary lecture. The name and logo of your organization will be displayed in all Conference promotions. The organizing committee can arrange a limited space to show a special equipment and information from your organization.

### PLATINUM PACKAGE

Offer payment for any of the BioAqua Conference social activities as welcome party, gala dinner, cultural activity, excursion among others and the opportunity to organize a workshop within the scientific program. The name and logo of your organization will be displayed in all Conference promotions. The organizing committee can arrange a limited space to show a special equipment and information from your organization.

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### PRESIDENT



PhD. Mario Pablo Estrada.  
Director of Agricultural Research, CIGB

### SCIENTIFIC PROGRAM

PhD. Mario Pablo Estrada.  
Director of Agricultural Research, CIGB



PhD. Rebeca Martinez.  
Principal investigator "Metabolic modifiers Project"



PhD. Yamila Carpio.  
Principal investigator "Veterinary Immunology Project"

### GENERAL PROGRAM



PhD. Lincidio Perez.  
Agro-business manager



Cigry Perez.  
Logistic manager

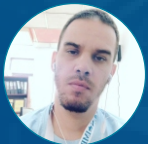


PhD. Alina Rodriguez.  
Head of Animal Biotechnology Department



Sergio Cruz.  
Finances

### REGISTRATION



Eng Julio Enrique Duque.  
Designer and web developer.



BsC Mariana Machado



BsC Raisa Betancourt.

### COMERCIAL EXHIBITION



MsC Thailin Lao



Dr.MV. Hector Machado.