Our Logo: The "Phaistos Disk" one of the oldest transportable text to be found to date, (still to be deciphered), has been excavated from the Phaistos Palace in Crete, and dates back to the Minoan Civilization (2<sup>nd</sup> millennium B.C.)





# 12th International Symposium on Reproductive Physiology of Fish, Crete, Greece, 15-19 May 2023

"Reproductive science for aquaculture production and conservation"

# 5<sup>th</sup> Circular Announcement (4/2023)

Dear friends.

Finally, the time has arrived for the final preparation for the symposium. For a "real time" update on all issues related to the symposium, please visit and "stay tuned" to our website:

### https://12isrpf.weebly.com

We provide you here with some useful information and instructions for the symposium.

### **Oral Presentations**

A presenter's desk will be available near the registration desk. All presenters should submit their Oral presentation to the organizers, **the day before the presentation**. Bring your presentation (in Microsoft Powerpoint for **Windows not macOS**) saved in a USB memory stick. If you are using an Apple Mac computer to prepare your presentation at home, make sure that it runs well on a Windowsbased computer, especially if you have videos or soundtracks.

The file should be labeled as "Oral  $X_Lastname_Session Z$ ", where: X = sequence number of the oral presentation, according to the Symposium Program,

Lastname = the last name of the presenter, and <math>Z = Special session number

You should check your presentation in the presenter's desk computer, and make sure that all runs well. All presentations will be loaded in the projection computer the day before each Special Session, and no modifications can be made during the day.

See later, for suggestions/advice on preparing your oral presentation.

### **Poster presentations**

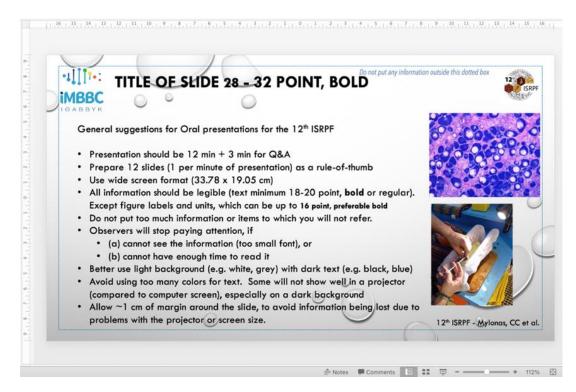
The accepted size for the Posters is A0 upright (119 cm height x 84 cm width). The poster must be printed on gloss or matt paper (**not canvas or rigid plasticize material**, which is too heavy to stay on the board!!) We will provide pins, double sided tape, and blue tag for putting up the posters. Posters should be placed on their corresponding board on Sunday 14 or at the latest Monday 15 May 2023 in the morning, and will be organized according to Special Session. Each Poster will be given a sequence number, and the boards will be numbered accordingly. Presenters having an odd number of poster (P1, P3 etc) should stand by and present their posters during the Tuesday 16 May 2023 Poster Session (I). Presenters having an even number of poster (P2, P4, etc) should stand by and present their posters during the Thursday 18 May 2023 Poster Session (II). Abstracts submitted late and after the conclusion of the Program, will be given a sequence number from 101 onwards, and will be displayed in a different location than the Special Session to which they are allocated, at the end of Special Session 9.

See later, for suggestions/advice on preparing your poster presentation.



### General suggestions for Oral presentations for the 12th ISRPF

- Presentation should be 12 min + 3 min for Q&A
- Prepare 12 slides (1 per minute of presentation) as a rule-of-thumb
- For the **Title of slide use 28 or 32-point text, bold**
- Use wide screen format (33.78 x 19.05 cm)
- All information should be legible (**text minimum 18-20 point**, **bold** or regular). Figure labels and units, may be up to **16 point**, **preferably bold**
- Do not put too much information or items to which you will not refer.
- Observers will stop paying attention, if
  - (a) they cannot see the information (too small font), or
  - (b) cannot have enough time to read it
- Better use light background (e.g. white, grey) with dark text (e.g. black, blue)
- Avoid using too many colors for text. Some colours will not show well in a projector (compared to computer screen), especially on a dark background
- Allow ~1 cm of margin around the slide, to avoid information being lost due to problems with the projector or screen size. **See sample slide below:**



### **Best Student Oral and Poster presentation**

There will be two (2) awards for best **Student Oral Presentation** and two (2) awards for best **Student Poster Presentation**. The awards will also include a financial reward. The evaluation of the presentations will be made by members of the Scientific Program Committee, and the announcement and award ceremony will be held on Friday 19 May 2023, during the closing session

(18:00). To be easier for the evaluation committee members to identify student posters and oral presentations, these have been identified in the Program and Book of Abstracts (student). It is suggested that an identification symbol is added to the poster itself (next to the photo of the presenter), as well as to the opening slide of the oral presentation (next to the title of the presentation), such as the **one provided here** (graduation cap and diploma).



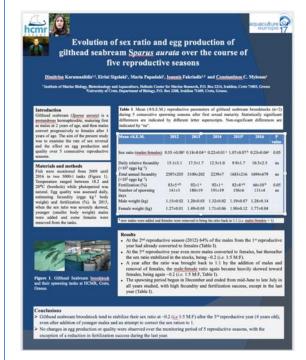


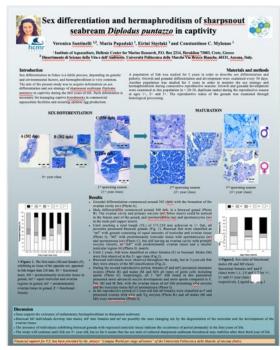
### General suggestions for Poster presentations for the 12<sup>th</sup> ISRPF

The accepted size for the Posters is A0 (119 cm height x 84 cm width) upright. The poster must be printed on gloss or matt paper (not canvas or rigid plasticize material, which is too heavy to stay on the board!!) Posters should be placed on their corresponding board on Sunday 14 or at the latest Monday 15 May 2023 in the morning, and will be organized according to Special Session. Each Poster will be given a sequence number, and the boards will be numbered accordingly. We will provide pins, double sided tape, and blue tag for anchoring the posters.

- Place a photo of the person **presenting the poster** next to the title. This will help participants find the presenter if they want to discuss about the poster.
- For the **Title of the poster use >60-point text, bold**
- All information should be legible (text minimum 36 point, **bold** or regular). Except figure labels and units, which can be up to **28 point**, **preferably bold**
- Observers will often not stand at a Poster, if
  - (a) they cannot read the information easily (too small font), or
  - (b) there is too much information and too many details
- Use eye-catching photos and graphics
- Focus more on the Objectives and less on the Methods
- Results are often easier to be read, if in a bullet format
- Conclusions should be clear and well-supported by the data and statistical analysis
- Display the logos of the affiliated University/Research Organization, as well as the project's Funding Agency
- Always acknowledge fully the Funding Agency and include the project's contract number

## See sample poster below:







### **T-shirts**

We have produced a Polo t-shirt with the logo of the symposium. The t-shirts will be available at the registration desk, beginning on Tuesday 16 May 2023. There is only one color and a unisex-style, in sizes S, M, L, XL, 2XL, 3XL and 4XL, according to the chart below (in cm).

MK215	1/2 Pecho 1/2 Chest	Largo delantero Front length
SIZE	Α	F
S	50	69
М	53	71
L	56	73
XL	59	75
2XL	63	77
3XL	66	80
4XL	69	83
5XL	72	86

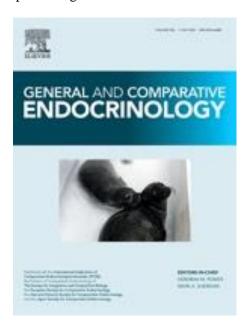




## Special Issue in the journal General and Comparative Endocrinology

As for previous ISRPFs, we will have a Special Issue (SI) in the journal General and Comparative Endocrinology (GCE) with submitted manuscripts from the 12<sup>th</sup> ISRPFs, from both Oral and Poster presentations. The SI will be edited by Mylonas, CC., Bobe, J., Piferrer, F. and Schulz, R., who will coordinate the review process, according to the specific area of the submitted manuscripts.

Submission of the manuscript should be done through the regular platform of GCE, beginning on 1 June 2023, and the deadline for submitting a manuscript will be 31 August 2023, so that the review can be completed by the end of the year, and the SI published in the beginning of 2024. As before, manuscripts considered for publication should not necessarily include "endocrine" work or data, since the ISRPF includes research in all aspects of Fish Reproductive Physiology and not just endocrinology. However, they must come from work presented in the 12<sup>th</sup> ISRPF or by an author registered in the symposium presenting other work in the area of Fish Reproductive Physiology.





# Program at a glance

Sunday 14 May	Monday 15 May	Tuesday 16 May	Wednesday 17 May	Thursday 18 May	Friday 19 May
14:30 – 18:00 Registration	08:30 - 09:00 Welcoming Dr. Constantinos (Dinos) C. Mylonas, HCMR, Greece	09:00 – 10:00 Plenary by Pr. Daniel Pauly, UBC, Canada	09:00 – 12:15 SS5. Climate change & anthropogenic impacts (10:30 -11:00	09:00 – 12:00 SS6. Reproduction in aquaculture	10:00 – 13:00 SS8. Behaviour & pheromones
			Coffee break)	Coffee break)	Coffee break)
19:30 Welcome reception (dinner and drinks)	09:00 – 10:00 Plenary by Dr. Sylvie Dufour, CNRS, France	10:00 – 13:00 SS3. Oogenesis/ vitellogenesis & ovulation (11:00 – 11:30 Coffee break)	12:15 - 13:30 Lunch	12:00 - 12:15 Group Photo	13:00 - 14:30 Lunch
	10:00 – 13:00 SS1. Sex determination & Differentiation (11:00 – 11:30 Coffee break)	13:00 - 14:30 Lunch	13:30 – 19:30 *Excursion to Knossos Palace (Heraklion) or Spinalonga Island (Lasithi)	12:15 - 13:30 Lunch	14:30 -17:30 SS9. Reproductive biotechnologies (16:00 -16:30 Coffee break)
13:00 - 14:3 Lunch 14:30-17:30 SS2. Brain- pitui gonad axis (16:00- 16:3	13:00 - 14:30	14:30-17:00 SS4. Spermatogenesis & spermiation		13:30 - 16:00 SS7. Gamete & egg quality	17:30 – 18:00 Summary Birgitta Norberg, IMR, Norway
	14:30-17:30 SS2. Brain- pituitary – gonad axis (16:00- 16:30 Coffee Break)	17:00- 19:00 Poster 1 (Odd numbers) & Coffee break		16:00 -18:00 Poster 2 (Even numbers) & Coffee break 19:00 *Symposium Dinner	18:00 – 18:30 Closing Dr. Constantinos (Dinos) C. Mylonas HCMR, Greece

<sup>\*</sup>Optional and at additional charge but **free of charge** for students with valid University ID.

# Session chairs, co-chairs and State-of-the-art speakers

Special Session name	Chair	Co-chair	State-of-the-art speaker
1. Sex determination and differentiation	Piferrer, Francesc	Chang, Ching- Fong	Changwei (Kevin) Shao
2. Brain-pituitary-gonad axis	Levavi-Sivan, Berta	Golan, Matan	Golan, Matan
3. Oogenesis/vitellogenesis and ovulation	Rosenfeld, Hanna	Yilmaz, Ozlem	Yilmaz, Ozlem
4. Spermatogenesis and spermiation	Schulz, Rudiger	Chauvigné, François	Crespo, Diego
5. Climate change and	Norberg,	Carnevali,	Servili, Ariana
anthropogenic impacts	Birgitta	Oliana	Moreira, Renata
6. Reproduction in aquaculture	Migaud, Hervé	Horvath, Akos	Akos Horvath
7. Gamete and egg quality	Bobe, Julién	Żarski, Daniel	Żarski, Daniel
8. Behaviour and pheromones	Duncan, Neil	Weiming, Li	Weiming, Li
9. Reproductive biotechnologies	Zohar, Yonathan	Yoshizaki, Goro	Yoshizaki, Goro



#### Social activities

### Welcome reception – Sunday 14 May 2023 (19:00)

The ISRPF 2023 Welcome Reception will take place at the **Aldemar Knossos Royal Beach Resort**, which offers the ideal scenery for welcoming the participants to Crete and to

see old friends and colleagues, and meet new students and young researchers! The Welcome Reception is **free for all participants**, courtesy of the Hellenic





Aquaculture Producers Organization. We will get to sample fish from the Greek aquaculture industry, courtesy of Galaxidi Marine Farm SA.

## Group Excursion - Wednesday 17 May 2023 after lunch (13:30)

Wednesday afternoon is devoted to socializing and networking. Participants may visit some of the most important historical sites of Crete (at an extra cost for regular registrants, but **free for students**, courtesy of IRIDA SA). There are two options available: the Knossos Palace (Heraklion Region) or Spinalonga Island (Lassithi Region).

### Guided tour to the Knossos Palace (the cradle of the Minoan Civilization)

Amongst all the ancient monuments in Crete, Knossos is the archaeological site that is a must-see in order to understand the greatness of the Minoan Civilization (2000 BC). The tour takes you to the island's capital, Iraklio (Heraklion), and from there onto the village of Knossos where you will be led through the ruins of the ancient palace complex: the labyrinth, galleries and rooms of the Palace, and the Royal Palace of King Minos, the son Zeus (the God of Gods, in Greek Mythology) and Europa, who gave her name to our continent! Return to the hotel is after approximately 5 hours. The excursion includes transfers to/from Knossos Palace



with luxury a/c coaches, a professional-official English-speaking guide per coach, and entrance fee and full guidance in Knossos Palace.

# Guided tour to Spinalonga Island (a Venetian fortress, an Ottoman village and a Leper colony)



Participants will be picked up from the hotel and transferred to the town of Elounda and then with a 10 min boat ride across to the island of Spinalonga, which has an exceptionally interesting history. Once a Venetian Fortress built in 1579 and later an Ottoman village, in the 20th century it has become synonymous with human pain. In 1903, Spinalonga developed into a gathering place for people infected with Leprosy (Hansen's disease) from all over Crete, where they spent the rest of their life! Today, with the painful story forgotten, the colony is being

restored and it offers a pleasant visit with spectacular scenery! After this nice visit the boat will bring participants back at Elounda or Ag. Nikolaos. The excursion includes transfers to/from Elounda with luxury a/c coach, a professional-official English-speaking guide per coach, boat ride to/from Spinalonga Island, and entrance fee and full guidance to the Island.



## Symposium dinner – Thursday 18 May 2023, evening (19:00)

The Symposium dinner will take place on Thursday 18<sup>th</sup> May at a traditional restaurant. It is located at the picturesque Cretan village "Ano Karouzana" and it is 17.5 km from the Symposium venue. The bus transfers between the venue and the restaurant will be done by coach, leaving the entrance of the venue (Aldemar Knossos Royal Beach Resort) at 19:00. One bus will depart from the restaurant to bring participants back to the hotel at 11:00. The remaining buses will depart from the restaurant between 12:00-01:00, depending on how the party goes!

The Symposium dinner is optional and at an extra cost for regular registrants, but **free for students** (courtesy of IRIDA SA), but we are sure that all will enjoy the hospitality and festive atmosphere in a local "γλέντι" (translated as "party", pronounced "glendi") with Cretan food and folk dances.

#### Travel information

The venue of the 12 ISRPF will be the <u>Aldemar Knossos Royal Beach Resort</u>, located in the area of Chersonissos, Crete, Greece.

Since Crete is an island, you can arrive by airplane from Athens or directly from several European cities. Crete is also accessible daily by ferry from Athens (Piraeus Harbor) and the trip takes 9 hrs (21:30 - 06:30). The venue is approximately 25 km from the international airport of Heraklion, "Nikos Kazantzakis" (HER).

From the airport in Heraklion, you can get to the venue in Chersonissos by **bus** or **taxi**. You can also rent a car without a driver, from a large number of different companies (both International and local). **Be careful if you will drive yourself**. Greeks are notorious of being "adventurous" drivers, and the road system in Crete is not the best!

The **bus station** is located at the entrance of the airport site, at the right side of the traffic lights as you are looking away from the airport. The bus will get you from Heraklion Airport to Chersonissos in about 45 minutes, and the ticket will cost 3 - 5 euros. Tickets can be bought from the bus driver when boarding or in a ticket kiosk at the bus stop.

**Taxis** are available right at the exit from the airport building (arrivals). A taxi trip will last for about 25 minutes, and its cost is 40-50 euros.

So, pack your bags, get your presentation ready and/or poster printed, and come to Crete for one more version of the ISRPF!! We are waiting to greed you and spent an unforgettable time together!

Seer you soon!

Constantinos (Dinos) C Mylonas

President of the Scientific Program Committee
Director, Institute of Marine Biology, Biotechnology and Aquaculture
Hellenic Centre for Marine Research
Heraklion, Crete, Greece

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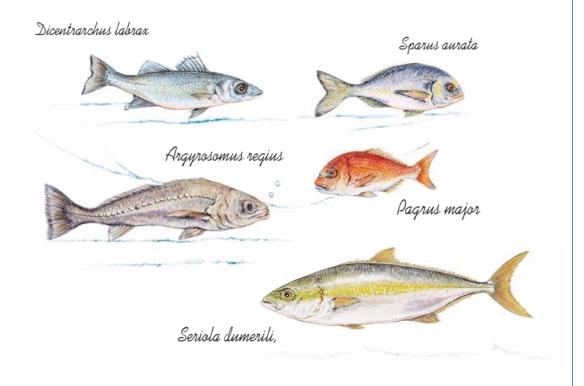
### **Scientific Program Committee**

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Julian Bobe, INRA, France
Adelino VM Canário, Uni Algarve, Portugal
Oliana Carnevali, Polytechnic Uni of Marche, Italy
Duncan Neil, IRTA, Spain
Yoav Gothilf, Uni Tel Aviv, Israel
Olivier Kah, CNRS, France
Berta Levavi-Sivan, Uni Jerusalem, Israel
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Herve Migaud, MOWI, Scotland José Antonio Muñoz Cueto, Uni Cadiz, Spain Birgitta Norberg, IMR, Norway Francesc Piferrer, ICM-CSIC, Spain Hanna Rosenfeld, NCM-IOLR, Israel Rüdiger Schulz, Uni Utrecht, Netherlands Yonathan Zohar, IMET-Uni Maryland, USA

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