

# Physioma 2019

## Physiology for a healthier, longer life

### 1<sup>st</sup> International Meeting of the Portuguese Society of Physiology (SPFis)

ISCTE – IUL , Cidade Universitária , Lisboa Portugal

10th and 11<sup>th</sup> October 2019

#### Honour Commission

HE Minister of Superior Education and Research  
The President of Science and Technology Foundation (FCT)  
The Rector of IUL (instituto Universitário Lisboa) \*

#### Science Commission \*

Margarida Caramona, Dep Pharmacology UCoimbra School of Pharmacy  
Correia de Sá, Dep Immuno-Physiology and Pharmacology ICBAS U Porto  
Almeida Dias, Health Sciences, CESPU  
Carlos Nunes Filipe, Dep. Physiology, Nova Medical School  
Jorge Gonçalves, Dep Pharmacology UPorto School of Pharmacy  
Beatriz Lima, Dep Pharmacol.Sciences,U Lisboa, Fac .Pharmacy  
Raquel Madeira, Dep. Physiology, U Lusofona Fac Physical Educ.& Sport  
Ducla Soares (Emeritus), IBEB U Lisboa, Faculty of Sciences

#### Promoters

Ana Fernandes, CBIOS U Lusofona  
Hugo Alexandre Ferreira, IBEB U Lisboa, Faculty of Sciences  
Luís Monteiro Rodrigues, CBIOS U Lusofona and U Lisboa, School of Pharmacy

#### Meeting Chairman

Luís Monteiro Rodrigues

#### **Institutional science partners**

*“On behalf of IUPS Executive Committee (ExCo) I would like to congratulate the Portuguese Physiological Society (SPFis) for its official registration in your country. The IUPS is pledged to joint force with national and regional physiological societies and federations to promote physiology in research and education towards the realization of our motto “Physiology without borders”. Particularly, the inclusion of a debate on “what does the future hold for physiology” is timely relevant to the mission of IUPS to return physiology to center stage of biomedical science.”*

**Professor Julie Chan, President of IUPS**

*“I would like to congratulate you about launching the Portuguese Physiological Society and organising its first international event... and look forward to co-operating with you.”*

**Professor Dr. Bayram Yilmaz, Secretary General of FEPS**

*“On behalf of the APS Conference Committee, APS is pleased to support the 1st International Meeting of the Portuguese Society of Physiology”*

**Julie Levin, Meetings Manager, The American Physiological Society**

*“The Physiological Society is pleased to support the Portuguese Physiological Society’s Physioma2019 conference. This is an important time for physiology across the world and we welcome this new initiative. I look forward to working with the Portuguese Physiological Society now and in the future.”*

**Professor Bridget Lumb, President of The Physiological Society.**



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ISCTE IUL – Cidade Universitária  
Lisboa, Portugal

10<sup>th</sup> to 11<sup>th</sup> October 2019

## 1<sup>st</sup> International Meeting of the Portuguese Society of Physiology (SPFis)

### Preliminary Program

**October 10h** (Thursday)

08:30 Welcome

Secretariat opening / Exhibitors venue

09:30 Opening Workshops (WS)

*(free of charge for young researcher members of SPFis)*

#### WS1 Physiological computing: The BITalino platform

Coordinators: **Hugo Silva & Hugo Ferreira**

##### Objectives

To provide an end-to-end approach to biosignal acquisition, processing and classification using low cost and open source technologies

#### WS2 Advanced methods for non-invasive measurement of microcirculation

Coordinators: **Gabriela Postolache and Octavian Postolache**

##### Objectives

To focus practical aspects of wearable devices and software used to study microcirculation in clinical as in experimental settings (Hands on)

Poster Installation

Exhibition Stand Installation

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14:00 Opening ceremony

**L Monteiro Rodrigues, Chairman of Physioma 2019 and the organisation**

14:30 **Theme 1 Beyond Integrative Physiology – the Physiome**

**Moderator**

**Felix Carvalho**, Chairman of the Portuguese Soc. Pharmacology (SPF);  
President Elect of EUROTOX, the Federation of European Toxicologists and  
European Societies of Toxicology

**Keynote Speaker**

**Jose Viña**, Professor of Physiology, Universidad Valencia

14:55 Podium Presentations

15:45 Coffee-break and visit to Posters and exhibitors

16:30 **Theme 2 Chronophysiology**

**Moderator:** **Claudia Cavadas**, CNC - Center for Neuroscience and Cell Biology & Faculty of Pharmacy , University of Coimbra

**Keynote Speaker** **Debra J. Skene**, Professor of Neuroendocrinology, U Surrey

16.55 Podium Presentations

17:30 Discussion  
Visit to Posters and Stands

18:00 General Assembly of SPFis  
Election of the Board for the Mandate 2019-2022

**IMPORTANT NOTE:**

**Only the regular associated members of SPFis can attend this general assembly**

1. Presentation of the running lists (strategy / critical aspects/ profile of candidates)
2. Election of the Board (social organs) of the SPFis for 2019-2022
3. Other issues

20:45 Dinner (to announce)

**October 11h (Friday)**

08:30 Secretariat opening

09:15 **Theme 3 Physiology of Stress**

**Moderator:** **Pedro Villa Polo**, Full Professor Physiology, Director of the PhD Program in Health Sciences U Alcalá - Facultad de Medicina

**Keynote Speaker** **João Laranjinha**, Centre for Neurosciences and Cell Biology, University of Coimbra

09:45 Podium Presentations

10:30 Coffee-break and visit to Posters and Stands

11:15 **Theme 4 By way of the Skin**

**Moderator:** **Catarina F.Rosado**, Group Leader (Drug Delivery Systems) Res.Center for Biosciences and Health Technologies (CBIOS)

**Keynote Speaker** **Joachim Fluhr**, Charité - Universitätsmedizin Berlin. Klinik für Dermatologie, Venerologie und Allergologie

11:45 Podium Presentations

12:30 Snack and visit to the area (Posters / Stands)

14:30 **Theme 5 Physiological Informatics**

**Moderator:** **Antero Abrunhosa**, Director of ICNAS (Institute for Nuclear Sciences Applied to Health) U Coimbra

**Keynote Speaker** **Hugo Silva**, IT-IST, U Lisboa

14:55 Podium Presentations

15:30 Coffee-break and visit to Posters and exhibitors

16: 15 **Theme 6 Debate**

**“What does the future hold for physiology?”**

**Moderators:** **Luis Monteiro Rodrigues Hugo Ferreira and João Gregório**

**Intervenients**

**Mara de Sousa Freitas**

President of the Health Ethics Committee, Catholic University of Portugal; Advisor Technical Consultancy at the National Council of Ethics for the Life Sciences – CNECV

**Jorge Garcia Seoane**

Chairman of the Spanish Society of Physiological Sciences (SECF), Full Professor of Physiology (U Complutense Madrid)

**Ricardo A. Afonso**

President of the Portuguese Soc. of Laboratory Animal Sciences & NOVA Medical School | Faculdade de Ciências Médicas da Universidade Nova de Lisboa

**Octavian Postolache,**

Director of Science and Information Technology PhD Program in ISCTE-IUL;  
Senior Researcher and Director of Instituto de Telecomunicacoes IT-IUL

18:00 Prizes

Conclusion Remarks and Closure

Closure cocktail

\* invited; waiting for confirmation

Physioma 2019 official sponsors:



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