

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN
FEDERATION
RUSSIAN ACADEMY OF SCIENCES
Department of Physiological Sciences
Sechenov Institute of Evolutionary Physiology and Biochemistry of the Russian Academy
of Sciences



Informational letter #2

Dear colleagues!

With this letter we are glad invite you to the
**XVI INTERNATIONAL CONFERENCE AND
IX SCHOOL ON EVOLUTIONARY PHYSIOLOGY,**
dedicated to academician Leon Orbeli,
which will be held on October 19-24, 2020

The **XVI Conference on Evolutionary Physiology** will be held from the **19th to 21st October 2020** at the Sechenov Institute of Evolutionary Physiology and Biochemistry, Russian Academy of Sciences, St. Petersburg, Russia. The **IX School on Evolutionary Physiology** will be held on **22-24 October 2020 in one of the suburbs of St. Petersburg.**

The *Organizing Committee* of the Conference will be grateful for your suggestions about organization of this Conference and School. Your suggestions please, send to the *Organizing Committee* - orbeli2020@iephb.ru.

From May 5, 2020 you can register with abstract submission and online payment on the Conference site - <https://orbeli.iephb.ru/>. Please go through the link «register». If there will be any problems – please, contact orbeli2020@iephb.ru

In the preliminary program of the Conference and School on Evolutionary Physiology are planned the following symposiums:

1. Evolution of sensory systems (moderators: Ostrovsky M.A., Firsov M.L.)
2. Adaptation of children organism to extreme conditions (moderator: Soroko S.I.)
3. Age-related physiology (moderators: Galperina E.I., Palchik A.B.)
4. The homeostasis physiological mechanisms evolution and their regulation (moderator: Nikiforov A.A.)
5. Ontogenesis and evolution (moderators: Zhuravin I.A., Vasilev D.S., Gulyaeva N.V.)

6. Synaptic and extrasynaptic signal transmission mechanisms: phylogenetic, ontogenetic and pathogenetic aspects (*moderators: Magazanik L.G., Zaitsev A.V., Kim K.H.*)
7. Endocrine system: molecular mechanisms, evolution and pathogenesis (*moderators: Shpakov A.O., Petrenko A.G., Ordyan N.E., Bazhan N.M.*)
8. Muscular plasticity: norm and pathology (*moderators: Shenkman B.S., Krivoi I.I., Tsaturyan A.K., Bakeeva L.E.*)
9. Integrative physiology (*moderator: Filaretova L.P.*)
10. Gravitational physiology and its applications in clinical medicine (*moderators: Orlov O.I. Shenkman B.S., Vinogradova O.L., Tomilovskaya E.S.*)
11. Evolutionary and ontogenetic approaches to the study of pathologies (*moderator: Shpakov A.O.*)
12. Cognitive neurophysiology (*moderator: Shemyakina N.V., Nagornova Zh.V., Hoferichter F.*)

You can select the preferable section while submitting abstract. The final decision on the form of participation and section to attend will be done by the Conference Program Committee.

Materials of theoretical and experimental studies are accepted, using physiological, biochemical, genetic, molecular-biological, biophysical, morphological, clinical approaches, as well as using evolutionary and ontogenetic approaches.

Form of presentation on the Conference: oral presentations (lectures and talks); poster sessions; round tables.

As part of the School work there will be presented lectures of leading specialists on sharp and actual problems of modern evolutionary, molecular physiology and biochemistry. We expect poster presentations of experimental studies from the participants of the School, as well as participation in discussions and round tables. There will be held the competition of scientific and experimental studies for young scientists, the best studies will be awarded by diplomas from the jury of the competition.

Requirements to abstracts:

The text size of abstracts (excluding name and affiliation) is 2000 characters with spaces, Times New Roman, font size - 12, line spacing of text - 1. The title should be in the capital letters. Tables are not allowed. One black-white picture can be downloaded.

If you apply on Russian it is necessary to add the title of abstract, authors (affiliation and city) in English (see more instructions on the site). Please also be sure, that there is contact e-mail and supporting grants are presented in the abstract. And as the following you can also upload the English version of abstract with the same volume if you want.

If you apply on English - you attach all necessary information only in English.

Deadline for thesis application is the 1st of July 2020.

The program of the Conference and School will be fully presented after 10th of July 2020.

Registration fee:

The registration fee for all participants of the Conference is 3000 rubles (about 40 euro) and 1800 rubles (about 23 euro) in the School. Registration fee for both activities (Conference and School) is 4000 rubles (around 50 euro). A 50% discount will be granted for students, PhD students. The registration fee includes abstract books in electronic form. The cost of a printed copy of the book of abstracts is 300 rubles.

To pay the registration fee you need to conclude a contract. The details are available on the conference website: <https://orbeli.iephb.ru/>

Organizing Committee Address:

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44 Prospekt Toreza, Saint Petersburg, Russia

Phone: +7(812) 552-3117

e-mail: orbeli2020@iephb.ru (with remark -Conference or School)

Address of registration on Conference or School: <https://orbeli.iephb.ru/>.

Contact person: Ivan Sukhov, PhD.

Organizing Committee of Conference and School**Social networks:**

<https://vk.com/orbeli2020>

<https://www.facebook.com/events/649598532465143/>