

**Preliminary schedule**  
**Academician L.A. Orbeli XVI Conference on Evolutionary Physiology**  
**St. Petersburg, October 19-22, 2020**

<b>date</b>	<b>time</b>	<b>symposium title</b>	<b>moderators</b>
October, 19	10.00. – 11.00.	Meeting Opening	
	11.00-14.00.	Plenary talks	
	14.00- 15.00	Lunch	
	15.00. - 19.00.	Integrative physiology	Filaretova L.P., Alexandrova N.P.
	15.00. - 19.00.	Developmental physiology	Galperina E.I., Palchik A.B.
October, 20	10.00. - 13.00.	Evolution of Sensory systems	Ostrovsky M.A., Firsov M.L.
	10.00. - 13.00.	Evolutionary and ontogenetic approaches to the study of pathologies	Shpakov A.O., Rybnikova E.A.
	10.00. - 13.00.	Muscular plasticity in norm and pathology	Shenkman B.S., Krivoi I.I., Tsaturyan A.K., Bakeeva L.E.
	13.00. -14.00.	Poster Section 1	Magazanik L.G., Firsov M.L.
	14.00- 15.00	Lunch	
	15.00.-19.00.	Evolution of Sensory systems (CONTINUED)	
	15.00.-19.00.	Evolutionary and ontogenetic approaches to the study of pathologies (CONTINUED)	
	15.00.-19.00.	Muscular plasticity in norm and pathology (CONTINUED)	
October, 21	10.00. - 13.00.	Endocrine system: molecular mechanisms, evolution and pathogenesis	Shpakov A.O., Petrenko A.G., Ordyan N.E., Bazhan N.M.
	10.00. - 13.00.	The homeostasis physiological mechanisms evolution and their regulation	Nikiforov A.A.
	10.00. - 13.00.	Cognitive neurophysiology	Shemyakina N.V., Nagornova Zh.V., Hoferichter F.
	13.00. -14.00.	Poster Section 2	Shpakov A.O., Kim K.H.
	14.00- 15.00	Lunch	
	15.00. -19.00.	Endocrine system: molecular mechanisms, evolution and pathogenesis (CONTINUED)	
	15.00. -19.00.	The homeostasis physiological mechanisms evolution and their regulation (CONTINUED)	
	15.00. -19.00.	Ontogenesis and evolution	Zhuravin I.A., Vasilev D.S., Gulyaeva N.V.
October, 22	10.00. - 14.00.	Adaptation of children organism to extreme conditions	Soroko S.I.
	10.00. - 14.00.	Synaptic and extrasynaptic signal transmission mechanisms: phylogenetic, ontogenetic and pathogenetic aspects	Magazanik L.G., Zaitsev A.V., Kim K.H.
	10.00. - 14.00.	Gravitational physiology and its applications in clinical medicine	Orlov O.I. Shenkman B.S., Vinogradova O.L., Tomilovskaya E.S.
	14.00. - 15.00.	Closing Ceremony	