



# 71st SIF National Congress

The Italian Society of Physiology

Milan (Online) · 7-9 September 2021

	september 7th		september 8th		september 9th						
9:00-10:30			Poster Session 1 - Cell Physiology (P 1.1-P 1.30)		Poster Session 3 - Neurobiology and Neurophysiology (P 3.1-P 3.25)						
11:00-12:30			Poster Session 2 - Cell Physiology (P 1.31-P 1.43)		Poster Session 4 - Neurobiology and Neurophysiology (P 3.26-P 3.45)						
			Poster Session 2 - Metabolism, Nutrition and System Physiology (P 2.1-2.18)		Poster Session 4 - Physiology of Motor System and Exercise (P 4.1 - P4.6)						
13:30-14:00	Welcome Messages										
14:00-15:00	Opening Lecture: José Lopez BARNEO (Seville, Spain) "Acute oxygen sensing and regulation of breathing"		Herlitzka Lecture: Matteo CARANDINI (London, UK) "Recording from a myriad neurons"		Ruzzier Lecture: Marco LINARI (Florence, Italy) "The role of thick filament mechanosensing in the Starling law of the heart"						
15:00-16:20	Neurobiology and Neurophysiology  Rossella BREVEGLIERI Cognitive and visuomotor functions in human and non human primates	Neurobiology and Neurophysiology  Roberto PIACENTINI Astrocytes-mediated brain handling of neurotoxic molecules	OC - Cell 1	OC - Neuro 1	Neurobiology and Neurophysiology  Andrea PIGORINI An intracranial insight on sensori-motor awareness	Metabolism, Nutrition and System Physiology Maurizio MANDALA' Nutrition in pregnancy: effects on the physiology of maternal uterine circulation and feto-placental unit development	OC - Cell 3	OC - Metab 1	Neurobiology and Neurophysiology  Daniele BORZELLI New insights on neuromuscular control through advanced High Density EMG analysis	Cell Physiology  Annalisa BUCCHI Unconventional pathways and targets in the onset of cardiac arrhythmias	OC - Motor 1
16:30-17:50	Metabolism, Nutrition and System Physiology Alessandro SILVANI Sleep as a phenomenon of the integral organism: recent advances on an old theme	Physiology of motor system and exercise Silvia POGLIAGHI What's new on VO2 kinetics? Mechanistic insight and practical implications for exercise testing and prescription	OC - Cell 2	OC - Neuro 2	Physiology of motor system and exercise Fabio ESPOSITO Passive exercise and vascular function: physiological mechanisms and translational insight	Neurobiology and Neurophysiology  Egidio D'ANGELO New vistas on cerebellar circuit dynamics	OC - Neuro 3	OC - Metab 2	SIF General Assembly		
18:15-19:15	pH Lecture: Lamberto MAFFEI (Pisa, Italy) "Matrimonio tra arte e cervello; officiante il cervello"		Plenary Lecture: Gregg L. SEMENZA (USA, Nobel Laureate 2019) "Hypoxia-Inducible Factors in Physiology and Medicine"								