

DAY 1 May 19 (Mon)

No.	Page	Time	Title / Speaker	
		9:00-9:30	Opening ceremony (Frate)	
			Marc-Antoine Custaud (ISGP President)	Angers University Hospital
			Tsuyoshi Setoguchi (Executive Vice President, Hokkaido University)	Hokkaido University
			Masaaki Murakami (ISGP2025 Chair)	Hokkaido University
			Yoshinobu Ohira (ISGP2025 Chair)	Hokkaido University
		9:30-11:00	Plenary session 1, Current concepts (Frate)	
		Chair:	Anne Pavy-Le Traon	University hospital of Toulouse
			Brandon Macias	National Aeronautics and Space Administration (NASA)
S1-1	p. 24	9:30-	Anatomical and biomechanical changes of the eye during spaceflight	
		Speaker:	Santiago Costantino	University of Montreal
S1-2	p. 25	10:15-	HUMAN BRAIN CHANGES AND THEIR CONNECTION WITH SENSORY-MOTOR ALTERATIONS AFTER LONG TERM SPACE FLIGHTS	
		Speaker:	Elena Tomilovskaya, Floris Wuyts	Institute of Biomedical Problems of the Russian Academy of Sciences (RAS), University of Antwerp
		11:00-11:30	Coffee break (Foyer)	
		11:30-12:30	YIA contest 1 (Frate)	
		Chair:	Anna-Maria Liphardt	Friedrich-Alexander-Universität Erlangen-Nürnberg & University Hospital Erlangen
			Wakana Hiramine	Tohoku University
Y1-1	p. 49	11:30-	SPACEMAN - NEUROCOGNITIVE PERFORMANCE ACROSS GRAVITY LEVELS WITH A GAMIFICATION APPROACH	
		Speaker:	Constance Badali	German Sport University Cologne
Y1-2	p. 51	11:45-	Reducing Reactive Astrogliosis in vitro using Altered Gravity	
		Speaker:	Yannick Lichterfeld	German Aerospace Center (DLR)
Y1-3	p. 53	12:00-	Combined Exercise Training and Nutrition Supplementation Mitigate Left Ventricular Atrophy but Not Papillary Muscle Loss in a Mouse Hindlimb Unloading Model of Weightlessness –NEBULA Project	

		Speaker:	Cyril Tordeur	Université libre de Bruxelles
Y1-4	p. 55	12:15-	0.67G is sufficient to prevent muscle atrophy and slow-to-fast myofiber type transition in the murine soleus muscle during spaceflight	
		Speaker:	Ryosuke Tsuji	University of Tsukuba
		12:30-13:00	Lunch break (Centennial Hall)	
		13:00-14:00	Poster session & Lunch (Centennial Hall)	
		14:00-15:15	Oral session 1, Ground models (Frate)	
		Chair:	Constance Badali	German Sport University Cologne
			Adrianos Golemis	MEDES-IMPS for ESA; Hellenic Space Centre
O1-1	p. 74	14:00-	Unexpected cardiovascular effect of nutritional supplementation during long-term bed rest (COCKTAIL Study)	
		Speaker:	Martina Anna Maggioni	Charité-Univesitätsmedizin Berlin
O1-2	p. 76	14:15-	Urinary type II collagen excretion during 60 days of 6° head -down-tilt (HDT) bed rest - a preliminary data analysis of the BRACE study	
		Speaker:	Ines Ebner (Anna-Maria Liphardt)	Universitätsklinikum Erlangen, Friedrich-Alexander Universität
O1-3	p. 78	14:30-	Hypogravitational changes of the human spinal column in conditions of deep motor unloading	
		Speaker:	ILYA RUKAVISHNIKOV	Institute of Biomedical Problems of the RAS
O1-4	p. 79	14:45-	THE IMPACT OF CONFINEMENT STRESS AND HYPOBARIC HYPOXIA ON THE GUT PROTEOME AND MICROBIOME_RESULTS FROM THE CHOICE STUDY	
		Speaker:	Dominique Moser	Hospital of the Ludwig-Maximilian-University in Munich
O1-5	p. 81	15:00-	Circadian rhythm and behavioral responses during overwintering at the high-altitude Antarctic Station CONCORDIA (CardiCorTex Project)	
		Speaker:	Martina Anna Maggioni	Charité-Univesitätsmedizin Berlin
		15:15-15:45	Coffee break (Foyer)	
		15:45-18:15	Oral session 2, Technology and biology for life sciences in space (Frate)	
		Chair:	Elena Lopez-Contreras	ISAE-SUPAERO
			Nikita Shishkin	Institute of Biomedical Problems of the RAS
O/P2-1	p. 83	15:45-	GHMC Lab platform to be able to use for the combined biological effects to simulated space radiation and altered gravity	

		Speaker:	AKIHISA TAKAHASHI	Gunma University
O/P2-2	p. 85	16:00-	TRANSCUTANEOUS SPINAL STIMULATION AS A NOVEL APPROACH TO INVESTIGATE NEUROPHYSIOLOGICAL ADAPTATIONS TO SPACEFLIGHT	
		Speaker:	Dimitry Sayenko	Houston Methodist Hospital / Research Institute
O2-3	p. 87	16:15-	Development of a Virtual Reality Spacecraft Environment as a Ground-Based Analogue for Collecting Food Related Sensory Data ('Food in Space')	
		Speaker:	Julia Low	RMIT University
O/P2-4	p. 88	16:30-	Unraveling the Enigmas of Vascular Aging in Space: Insights from an Innovative μ vessel-gravity Model	
		Speaker:	Jia Li	Fourth Military Medical University
O/P2-5	p. 89	16:45-	Cellular Crosstalk and Mechanotransduction Protect Against Microgravity-Induced Vascular Aging: Insights from a μ Vessel-Gravity Model	
		Speaker:	Guiling Wu	Fourth Military Medical University
		17:00-17:15	Coffee break (Foyer)	
O2-6	p. 90	17:15-	Nano-PALDI imaging mass spectrometry to investigate space-induced stress	
		Speaker:	Shu TAIRA	Fukushima University
O2-7	p. 92	17:30-	Establishment of a powerful 3D experimental model to study nerve and muscle deconditioning in Space	
		Speaker:	Gaia Ziraldo	Charité - Universitätsmedizin Berlin
O2-8	p. 94	17:45-	Effect of simulated weightlessness and hypergravity on stiffness, cholesterol content and lipid profile of <i>Drosophila melanogaster</i> oocytes	
		Speaker:	Ksenia Gogichaeva	Institute of Biomedical Problems of the RAS
O2-9	p. 96	18:00-	<i>Notobranchius furzeri</i> , the turquoise killifish, on Space Rider: opportunity of spaceflight for a consolidated experimental model of ageing (AQUARIUS)	
		Speaker:	Debora Angeloni	The Institute of BioRobotics, Scuola Superiore Sant'Anna
O2-10	p. 98	18:15-	<i>Arabidopsis</i> plant germination and growth in lunar simulants	
		Speaker:	Chiara Pucciariello	The Institute of BioRobotics, Scuola Superiore Sant'Anna