



	Common Area	Anadolu Auditorium	Hall 1	Hall 2
	5 July 2025	5 July 2025	5 July 2025	5 July 2025
16:00 - 17:00	Welcome Address	FEBS Sir Hans Krebs Lecture – Opening Plenary Lecture		
17:00 - 18:00		G protein-coupled peptide receptors: structure, function and innovative therapeutic concepts <i>Annette Beck-Sickinger, Germany</i>		
18:00 - 18:30	Coffee Break			
18:30 - 19:30		TBS Plenary Lecture Regulation of mitochondrial structure and function during metabolic cycles and stress <i>Gökhan Hotamisligil, US</i>		
19:30 - 21:00	Social get together: welcome cocktail			
	6 July 2025	6 July 2025	6 July 2025	6 July 2025
09:00 - 11:00		Structural biology: from complexes to membrane-less organelle	FEBS & Cell Death Research Society Joint Session – Cell stress, cell senescence, and cell death decisions	Cancer biochemistry
		Molecular mechanisms of DNA repair in bacteria <i>Marcin Nowotny, Poland</i>	Senescence and targeted senolysis <i>Vassilis Gargoulis, Greece</i>	Metabolic rewiring driving metastasis formation <i>Sarah-Maria Fendt, Belgium</i>
		Decoding molecular plasticity in the dark proteome <i>Edward A. Lemke, Germany</i>	Dying by ferroptosis: cellular and intercellular aspects <i>Peter Vandenabelle, Belgium</i>	A KEAP1-dependent trade-off between migration and ferroptosis limits melanoma hematogenous dissemination <i>Sirio Dupont, Italy</i>
		Master of cell division: structure and assembly of the kinetochore <i>Andrea Musacío, Germany</i>	Enhancing immune-mediated killing of senescent cells <i>Jesus Gil, UK</i>	Fueling the battle: Metabolic insights into cancer progression and therapeutic strategies <i>Jean-Ehrland Ricci, France</i>
11:00 - 11:30	Coffee Break			
11:30 - 12:30		FEBS/EMBO Women in Science Award Lecture Epigenetic regulation by histone acetylation in health and disease <i>Asifa Akhtar, Germany</i>		
12:30 - 14:30	Lunch / Poster Presentations / Visit to Exhibitors			
14:30 - 15:30		EMBO Lecture Phase separation in cell physiology and disease <i>Anthony A Hyman, Germany</i>		
15:30 - 16:00	Coffee Break			
16:00 - 18:00		FEBS Excellence Awardees Session	Decoding cancer: genetics and epigenetics in cancer	FEBS & EFLM Joint Session – From bench to bedside and back: bridging biochemistry and clinical laboratory medicine
		Antibiotic efficacy - Why context matter? <i>Pierre Santucci, France</i>	Deciphering the epigenetic code in autophagy and cancer <i>Sung Hee Baek, South Korea</i>	Research vs. Clinical laboratory methods: Understanding the key differences <i>Tomas Zima, Czech Republic</i>
		Dynamic RNA structural biology at the single-molecule level: Watching how interconnected processes work in real-time <i>Olivier Duss, Germany</i>	Epigenetic regulation of cancer therapy response <i>Tugba Bağcı Önder, Türkiye</i>	Navigating sample size and replication challenges: from basic science to clinical implications <i>Ceyhan Ceran Serdar, Türkiye</i>
		Normal breast physiology as gatekeeper of cancer initiation and growth <i>Colinda Scheele, Belgium</i>	Tyrosine kinase inhibitor induces changes in the 3D genome organization of lung cancer cells leading to expression of tumor suppressor genes. <i>Guillermo Barreto, France</i>	Metabolomics: A challenging journey from basic science to daily practice—reality or fairy tale? <i>Elie Fux, Germany</i>
		The molecular architecture of a 2MDa Plastid-encoded RNA polymerase in a unicellular photosynthetic eukaryote <i>Silvia Ramundo, Austria</i>		NGS: Transforming public health from basic science to practical applications in oncology, cardiology, and predictive medicine <i>Maurizio Ferrari, Italy</i>
	7 July 2025	7 July 2025	7 July 2025	7 July 2025
09:00 - 11:00		Protein Life Cycle I: Dynamics of protein synthesis and folding	Revolutionizing cancer diagnosis and treatment	Molecular Basis of Disease
		Multi-protein assemblies orchestrate co-translational protein processing and folding on the human ribosome <i>Irmgard Sinning, Germany</i>	Adaptation of cancer cells to hypoxia and acidosis in tumor microenvironment <i>Silvia Pastorekova, Slovakia</i>	Acylcarnitines in health and disease <i>Maija Dambrova, Latvia</i>
		The hidden language of proteins: Allosteric pathways with gaussian network model <i>Türkan Haliloğlu, Türkiye</i>	Liquid biopsy: From discovery to clinical implementation <i>Klaus Pantel, Germany</i>	Cystic Fibrosis: A paradigmatic disease in bringing science to the bedside <i>Margarida D. Amaral, Portugal</i>
		Deciphering the dynamics of diverging co-translational assembly pathways <i>Ayala Shiber, Israel</i>	Cancer causing pathogens, cell plasticity and upper GI cancers <i>Xin Lu, UK</i>	SUMOylation in health and disease and its potential for targeted therapies <i>Umut Şahin, Türkiye</i>
		Understanding the Regulation of Ribosome Assembly <i>Gabriel Demo, Czech Republic</i>		Regulative components of the ECM guide skin regeneration via distinct molecular pathways <i>Vijjar Jaks, Estonia</i>
11:00 - 11:30	Coffee Break			
11:30 - 12:30		FEBS Datta Lecture Mechanisms of food allergy and the role of allergen-specific B cells <i>Mübeccel Akdis, Switzerland</i>		
12:30 - 14:30	Lunch / Poster Presentations / Visit to Exhibitors			
14:30 - 15:30		FEBS Theodor Bücher Lecture Lysosomal signaling in metabolic adaptation and tumorigenesis <i>Andrea Ballabio, Italy</i>		
15:30 - 16:00	Coffee Break			
16:00 - 18:00		Protein life cycle II: Protein localization and dynamics	Neuroscience	EU Research Infrastructures Session
		Dynamics and synchronicity in catalytic mechanisms of homodimeric flavoenzymes <i>Milagros Medina, Spain</i>	Sleep well: the regulation of neural stem cell quiescence <i>Isabel Fariñas, Spain</i>	Welcome and Introduction <i>Yasemin Ucal, EU-OPENSREEN</i>
		How ARL proteins control lipid-modified proteins Delivery to primary cilia <i>Shehab Ismail, Belgium</i>	The microglial niche in neurodegeneration - understanding, pathology and targeting for immunotherapy <i>Robert Harris, Sweden</i>	Euro-Biomed - Open access to biological & biomedical imaging technologies and image data services <i>Daniela Aviles Huerta, Euro-Biomed</i>
		The biology of the centrosome/cilium complex in health and in disease <i>Elif Nur Firat Karalar, Türkiye</i>	Regulation of neuronal stem cell activity during tissue maintenance and regeneration of the zebrafish olfactory epithelium. <i>Stefan Fuss, Türkiye</i>	DNA Binding Alters Androgen Receptor Variant Dimerization <i>Nathan Lack, Koç University & University of British Columbia</i>
		Structure of EMAP II cytokine reveals high conformational flexibility of dual function NPXXX motif involved both in RNA binding and nuclear export <i>Oleksandr Kornelyuk, Ukraine</i>	Mapping the rules of neurological disorders using single cell and spatial genomics <i>Ömer Bayraktar, UK</i>	INFRAFRONTIER – Enabling breakthrough biomedical research through state-of-the-art disease modelling resources <i>Michael Raess, INFRAFRONTIER</i>
				Pioneering intranasal siRNA-based Nanovaccine <i>Helena Florindo, University of Lisbon</i>
				EU-OPENSREEN – A collaborative initiative to accelerate early drug discovery <i>Bahne Stechmann, EU-OPENSREEN</i>
				Investigating the Mechanism of Action of Newly Discovered Anti-Prion Compounds via Chemoproteomics <i>Emiliano Biasini, University of Trento</i>
				Instruct-ERIC – Access to latest Structural Biology technologies and training in Europe <i>Claudia Alén Amaro, Instruct-ERIC</i>
				The Mechanism of Lipid-targeting Antibiotics <i>Markus Weingarth, Utrecht University</i>
				'Ask the Experts' Roundtable
				Conclusion <i>Yasemin Ucal, EU-OPENSREEN7</i>
	8 July 2025	8 July 2025	8 July 2025	8 July 2025
09:00 - 11:00		Protein Life Cycle III: Degradation: Proteases, proteasome, autophagy	Tracing biomarkers from bench to bedside	Biotechnology and enzyme engineering
		Autophagy and cancer <i>Devrim Gözüaçoğlu, Türkiye</i>	Rapid but reliable: The evolution of viral diagnostic assays with TR-FRET <i>Jussi Hepojoki, Finland</i>	A toolbox for the engineering of photosynthetic light reactions for environmental sustainability <i>Roberto Bassi, Italy</i>
		Lysosome integrity - a matter of life and death <i>Harald Stenmark, Norway</i>	Revolutionizing sepsis care: The role of circulating histones as clinical biomarkers <i>Jose Luis Garcia-Gimenez, Spain</i>	Halophiles & the saline world: Are fructans the key to survive? <i>Ebru Toksoy Üner, Türkiye</i>
		The role of peptidases in shaping the fate of immune cells in tumor microenvironment <i>Janko Kos, Slovenia</i>	Translational Omics innovations to drive personalized health(care) <i>Alain van Gool, Netherlands</i>	You'll never walk alone: combining enzymatic and physical treatments to improve quality and sustainability in food systems <i>Stefania Iametti, Italy</i>
				Extreme microbial enzymes: Tools for industrial and environmental biotechnological sustainability <i>Bassem Jaouadi, Tunisia</i>
11:00 - 11:30	Coffee Break			
11:30 - 12:30		FAOBMB Lecture Understanding antioxidants in health and disease: the special case of ergothioneine <i>Barry Halliwell, Singapore</i>		
12:30 - 14:30	Lunch / Poster Presentations / Visit to Exhibitors			
14:30 - 15:30		FEBS Education Lecture Learning how to be a better researcher and educator by doing research and teaching – the Yin Yang perspective <i>Robert Harris, Sweden</i>		
15:30 - 16:00	Coffee Break			
16:00 - 18:00		AI – application in basic and applied biomolecular sciences	FEBS Education Session	From genes to functional proteins
		Combining simple biophysical models with deep learning for the improved characterization of intrinsically disordered proteins <i>Zsuzanna Dosztanyi, Hungary</i>	From Challenges to Opportunities: Integrating AI in Biosciences Education <i>Chair: Ferhan Sağın</i>	Cell proliferation and chromatin dynamics during organ growth <i>Cristiano Gutiérrez, Spain</i>
		Modeling protein complexes using deep learning models <i>Dina Schneidman, Israel</i>	Facilitators <i>Manuel João Costa and Robert Harris</i>	Aminoacyl-tRNA synthetases: catalysis and antibiotic (hyper) resistance <i>Ita Gruic-Sovulj, Croatia</i>
		The AI revolution in computational structural biology and how it impacted the field <i>Ezgi Karaca, Türkiye</i>	Panelists: <i>Sana Ahmed, Canada TBC</i>	Chromosomal R-loops: who R they? <i>Lóránt Székelygyi, Hungary</i>
20:00-23:00	Congress Dinner			

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	9 July 2025	9 July 2025	9 July 2025	9 July 2025
09:00 - 11:00		Emerging topics in molecular life sciences	FEBS Press Session	Immunity and host-pathogens interplay
		From wnt to wisdom: Tackling alzheimer's disease <i>Güneş Özhan, Türkiye</i>	FEBS Press interactive session on scientific publishing <i>FEBS Press Editors</i>	Epithelial barrier theory and molecular mechanisms of inflammation and tissue injury in allergic and autoimmune diseases <i>Cezmi Akdiş, Switzerland</i>
		Leveraging artificial intelligence in biomedical and biological data analysis: challenges and opportunities <i>Żaneta Świdarska-Chadał, Poland</i>	How to prepare a perfect graphical abstract <i>Matteo Oliverio</i>	Resolving how vaccine adjuvants promote T cell responses <i>Ed C. Lavelle, Ireland</i>
		Hydrocolloid-based bioplastics as biocompatible and sustainable composite materials <i>Loredana Mariniello, Italy</i>		Molecular insights into the immune mechanism of bacterial antiviral defense system Thoeris <i>Giedre Tamulaitiene, Lithuania</i>
11:00 - 11:30	Coffee Break			
11:30 - 12:00		FEBS Letters Award Lecture		
11:30 - 12:00		The FEBS Journal Richard Perham Prize Lecture		
		Cholesterol-mediated ERR activation in breast cancer progression and microenvironment <i>Matteo Brindisi, Italy</i>		
12:30 - 13:30	Lunch / Poster Presentations / Visit to Exhibitors			
13:30 - 15:30		RNA Biology: Coding and Non-coding RNAs	FEBS & ORPHEUS Joint Session	
		RNA mechanisms associated with C9orf72 mutation <i>Boris Rogelj, Slovenia</i>	The future of the doctorate in Europe in light of research assessment reforms and genAI <i>John Creemers, Belgium</i>	
		The 3'-end of the tale <i>A. Elif Erson-Bensan, Türkiye</i>	ORPHEUS Labelling: A Thrive for Perfection of PhD training <i>Gül Güner Akdoğan, Türkiye</i>	
		Investigating families of multifunctional mRNA binding proteins that control cytoplasmic mRNA fate in mammals <i>Nicola K. Gray, UK</i>	Bioethics in PhD training <i>Hakan S. Orer, Türkiye</i>	
		Unlocking your research potential: How mentorship, leadership and support can shape a bright career path <i>Cecilia Arraiano, Portugal</i>		
15:30 - 16:00	Coffee Break			
16:00 - 16:30		Molecular Oncology Lectur		
		Thinking differently about cancer treatment regimens <i>Rene Bernards, Netherlands</i>		
16:30 - 17:00		FEBS Open Bio Lecture		
		Corruption of host immune defenses by bacterial proteases in chronic inflammatory diseases <i>Jan Potempa, Poland</i>		
17:00 - 18:00		IUBMB Jubilee Award Lecture - Closing Plenary Lecture		
		Boosting protein quality control in neurodegenerative diseases: From the bench to the clinic <i>Anne Bertolotti, UK</i>		
18:00 - 18:30		Closing Notes		