

Hotels		Dan				Herods				Royal Beach					Malkat Shva	
Halls																
Monday 23.2.26	10:45-16:30	Registration														
	16:00-16:30	Opening Ceremony														
	16:30-17:15	Plenary Lecture 1 – Eric Lander														
	17:15-18:00	Plenary Lecture 2														
	18:00-18:30	David Harel														
	20:10-23:00	Opening Reception Dinner at the Dan Hotel Pool														

		BIG BLUE A	BIG BLUE B	TARSHISH A	TARSHISH B	KINGS A	KINGS B	QUEENS	LAURENCE	HADAR	ZEIT	SHITA	ELLA	ALON	SAPPHIRE	TOPAZ
Tuesday 24.2.26	7:00-18:00	Registration														
	7:45-8:45	7:00 - 08:45 MD/PhD Session		Student Session: Simulating Life: Digital Twins for Precision and Planetary Health	07:30 - 08:45 Soft Skills Session 4: The Interplay Between Innovative Teaching and Research		IRCF: "Partners in Discovery"	Soft Skills Session 1: Facts Don't Speak for Themselves: Communicating Biology in a Post-Truth World	07:30 - 08:45 Soft Skills Session 5: WORKSHOP: Diversity in Science: Intergroup Relations on Campus and in the Lab	Student Session: Microminerals Homeostasis: Mechanisms and Disease Implications	Soft Skills Session 2: Before It Becomes a Scandal: Using AI to Catch Image Errors and Misconduct in Science		Student Session: Plasmid Biology		Soft Skills Session 3: Navigating Mentor-Mentee interactions	
	9:00-10:45	Cancer Genomics and Evolution	Exploiting Nanotechnology and Artificial Intelligence Tools in Cancer Management	Climate Change and Global Health Threats	Advances in Chemical Biology to Uncover Redox Code in Cells and its Physiological Outcomes	Advancing Immunology Through Computational and Mathematical Approaches	Chemical and Biological Sensing	Engineering Microbial Futures: Bridging Synthetic Biology, Computational Biology, and Microbial Science	New Advances in Gene and Cell Therapy	Crosstalk Between the Systemic Environment and Neuro- inflammation	Postdoc Session 1: Mapping Functional Genomic, Spatial and RNA Biology	RNA Therapeutics	Tumors as Multicellular Organs: New Insights on the Tumor Microenviron- ment	Upcoming Challenges in the Post- AlphaFold Era	Stem Cells in Genetics and Epigenetics	RNA Biology
	10:45-11:30	Coffee Break & Exhibition														
	11:30-13:15	Cancer Therapeutics and Biomarkers (A)	Immunometab- olism and Microbiome	Phase Separation and Biomolecular Condensates: Disordered Molecule Dynamics and Biological Implications	Plant Genomics and Genetics	Extracellular Vesicles as Mediators of Cellular Crosstalk: Novel Insights and Applications	Computational Challenges in Spatial Biology	Protein Aggregation at the Cellular and Organismal Levels	Biology in High School: Bridging the Gap Between Academic Research and Classroom Teaching	Neurobiology of Neurodevelopm ental Disorders	Cancer Regulation and the Immune Response	Innate Immunity	Lymphocyte Engineering	Cytoskeletal Machineries Driving Developmental Processes	Protein Design via Evolution	Self- organization at the Cellular Level
	13:15-14:30	Lunch Break & Exhibition														
	14:30-16:15	Cancer Therapeutics and Biomarkers (B)	Postdoc Session 2: From Microbial Systems to Development Dynamics	Genomics of Nucleic Acids	Diabetes: Basic and Translational Studied	Disease Modeling Organoids and 3D Stem Cell Differentiation	Computational Studies of the Complex Microbial Communities in and around us	Oxidative Stress in Photosynthetic Organisms	Research Innovations and Updates in Atherosclerosis and Related Diseases	New Approaches to Monitor and Manipulate Neuronal Function	Microbial and Immunological Frontiers	Tissue engineering and modelling of stem cell behavior	Adult Stem Cells	Biophysical Aspects of Self organization Across Scales	Mechanisms of Cell Fate Specification	Natural plant substances in the service of agriculture
	16:15-17:00	Coffee Break & Exhibition														
	17:00-21:00	Poster Session (Pavilion Hall)				17:30-20:30 MD/PhD Special Session			16:30-19:00 Post-docs meeting with Deans "On the Way Back – Israeli Postdocs Meet Deans and Chairs of Search Committees"							
	18:30-21:00	Light Dinner														
21:00	Rock for Your Lab															

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Wednesday 25.2.26	07:00	Run for Your Lab – 5K Race (Starting Point – Kampen St.)														
	07:15-18:00	Registration														
	7:45-8:45	7:00 – 08:45 MD/PhD Session	Soft Skills Session 10: The Next Pandemic, Man- made or Natural	MAVRI: Selected MAVRI/IPMP Winners	07:30 - 08:45 Soft Skills Session 6: WORKSHOP: Becoming an Effective Science Communicator	Student Session: Immune Restraint: Targeted Strategies to Suppress Harmful Immunity in Autoimmune, Inflammatory, and Infectious Diseases	IRCF facility Success Story Micro-Talks		07:30 - 08:45 Soft Skills Session 7: Soft Skills Session 7: WORKSHOP: AI in Action: Ensuring Research Integrity before Submission		Microscopy- Guided Proteomics at Organelle-level Resolution has the Power to Reveal Unknown Proteins in Disease- or Functional- Specific Regions	Student Session: Bacterial Multicellularity and Aggregation	Soft Skills Session 8: Infographics			Soft Skills Session 9: Doing a Post- Doc: More Than Just Another PhD
	09:00-10:45	New Horizons in Cancer Immunology and Immunotherapy	Nanotechnolo- gies for Nucleic Acid Delivery and Gene Editing	Microbial and Viral Ecology, Motility, and Environmental Stress	Mechanism and Action of Molecular Machines	Longevity and Stress in Complex Organisms	Circadian Clock and Sleep Disorders	Modern and Ancient Populations Genetics	IRCF: Pushing the Boundaries in Advanced Imaging Technology and AI Driven Integration	Transforming Computational Oncology in the Era of Foundation Models	The Microbial Vesicle Frontier: New Perspectives in Infection, Immunity, and Microbiome Dynamics	Emerging Mechanisms and Therapeutic Advances in Inborn Errors of Metabolism (IEM)	Sponsored Session: TBA	Organelle Structure, Function and Homeostasis	New Challenges in Cell Death Biology and Cell Aging	Frontier in Parasite Research
	10:45-11:30	Coffee Break & Exhibition														
	11:30-13:15	Stem Cells on the Initiation, Progression, and Treatment of Cancer	Women in Science	Advancements in Mass Spectrometry Technology and Innovative Applications	The Heart-not Just a Pump: Biology of the Heart in Health and Disease	Coping with Stress in Photosynthetic Organisms	Therapeutic Strategies in Cancer Treatment	Protein Design and Machine Learning: Advancing Evolutionary Insights and Applications		Genome Instability in Health, Disease and During Evolution	Bridging the Gap Between Basic and Clinical Cardiology	Unlocking Biological Complexity: The Power of Single-Cell Analysis	Systems & Regenerative Immunology	Aging: The Redox Point of View	Regulation and dysregulation of homeostasis across cell types and tissues	MAVRI: Updates from the MAVRI/IPMP selected grant winners
	13:15-14:30	Lunch Break & Exhibition														
	14:30-16:15	Novel Approaches to Therapeutics	Genomics and Proteomics in Liquid Biopsy	Integrating Chemistry and Computation in Biological Research in the Modern Era	Endocrinology: Fertility, Metabolism and Beyond	From Structure to Function in the Microbial World (A)	Functional Genomics and Genetics in Plant Sciences	New Frontiers in Cytoskeletal Research: Teaching Old Filaments to do New Tricks	Soft Skills Session 11: WORKSHOP: AI Beginners Workshop - Getting Started with ChatGPT and AI Tools for Research	Haemato- oncology Meets Autoimmunity	Cell Biology in Development	Oral Biology at the Forefront of Transnational Science	New Frontiers in Cannabinoid Research	Viruses and Phages	New Horizons in Developmental Cell Death	Stem cell- based Models of Development and Regeneration
	16:15-17:00	Coffee Break & Exhibition														
	17:00-17:45	Plenary Lecture 3														
	18:00-18:30	Dr. Nurit Bublii: Forensic DNA Identification in Mass Casualty Events: Lessons from October 7 th (Big Blue hall – Dan)														
	18:30 -19:45	KALANIOT – Speakers From Abroad (Big Blue hall – Dan)														
20:30 -	Party (Pavilion)															

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Thursday 26.2.26	07:45-14:00	Registration														
	8:30-10:15	Transforming Computational Oncology in the Era of AI	Pediatric Oncology: Translating Cases into Actionable Research	Biological Approaches for Anti-Aging Therapy	Brain-body Interactions for Maintaining Homeostasis in Humans and Animal Models	Stem Cell-based Applications in Research and Medicine	Peptides in Chemical Biology and Drug Discovery	Chromatin at the Extreme	Soft Skills Session 12: WORKSHOP: Advanced Workshop on Data Analysis and Smart Presentations with Julius AI	Evolutionary Genomics	Neural Pathfinding and Connectivity	Research Innovations in Musculoskeletal Health and Disease	From Structure to Function in the Microbial World (B)	The Role of Laboratory Medicine in Cellular Therapy and Immunotherapy Advancement	Functional Genomics and Epigenomics	Host-microbe Interactions
	10:15-11:00															
	11:00-11:45	Plenary Lecture 4: (Pavilion Hall) - Michelle Monje														
	11:45-13:15	Katzir Award (Pavilion Hall) Announcing Best Flash Talk Prizes and Post Docs Awards Closing Remarks														
	13:15-14:00	Lunch box														
	14:00- 18:00	Satellite Session I – AI in Biomedicine (Tarshish A+B)								Satellite Session II – Pediatric Oncology: from Preclinical to Clinical Applications (Cactus – Dan hotel)						

* Important note: Please note that the scientific program, dates, times and locations are subject to change without prior notice
 The program updated on 8.12.2025