

Suggested Times	Suggested Time Breakdown	Session Topic	Suggested Subtopics	Suggested Speakers/Panelists
1:30 - 2:10 pm		Opening Ceremony		Minister Oh Yu-kyoung, MFDS Robert Califf, Commissioner, FDA (video)
2:10 - 3:10 pm		[Plenary Addresses] Present and Prospects of AI Utilization		
	2:10 - 2:40 pm	Keynote Speech 1	Innovating Healthcare for the Future: The Role and Prospects of AI	In Chul Hwang Corporate Executive Vice President (Head of AI RnD), Samsung Electronics
	2:40 - 3:10 pm	Keynote Speech 2	GenAI Revelations from the Video Games Industry - Unleashed on Life Sciences	Sam Glassenberg Founder & CEO, Level Ex
3:10 - 5:15 pm		[Session 1] Introduction to AI - Use of AI in Medical Product Development		
	3:10 - 3:30 pm	Presentation 1	The Hinge Moment: Artificial Intelligence, Human Data, and Drug Development in the 21st Century	David Reese, MD, Executive Vice President, Amgen
	3:30 - 3:50 pm	Presentation 2	The Potential of AI in Biopharmaceutical Development	Chaok Seok Professor/CEO, Seoul National University/Galux
	3:50 - 4:05 pm	Q&A		
	4:05 - 4:20 pm	Coffee Break		
	4:20 - 4:40 pm	Presentation 3	AI / ML - Enabled Medical Devices: Further Challenges that Generative AI Poses	Johan Ordish Head of Digital Health and Innovation Policy, Roche
	4:40 - 5:00 pm	Presentation 4	Open innovation for Medical AI development - Introduction of Dr. Answer 2.0 project-	Ho-Young Lee Professor, Seoul National University Bundang Hospital
	5:00 - 5:15 pm	Q&A		

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9:00 am - 12:00 pm		[Session 2] Transparency, Explainability, and Bias		
	9:00 - 9:20 am	Presentation 1	Explainability & safe use of LLMs in clinical development	Stephen Pyke Chief Clinical Data & Digital Officer, Parexel
	9:20 - 9:40 am	Presentation 2	Principles and Applications of Explainable Artificial Intelligence	Jaesik Choi Professor, KAIST
	9:40 - 10:00 am	Presentation 3	Behavioral and Human Factors Considerations for Effective and Trustworthy Health AI	Merage Ghane Ph.D Principal Behavioral Designer, Ideas42
	10:00 - 10:15 am	Coffee Break		
	10:15 - 10:35 am	Presentation 4	Algorithmic Bias, Old and New	Arjun Manrai PhD, Assistant Professor of Biomedical Informatics, Harvard Medical School
	10:35 - 10:55 am	Presentation 5	Gap Exposed by AI: Bias from Legal Perspective and from Medical Perspective	Won Bok Lee Professor, Ehwa Law School
	10:55 - 11:15 am	Presentation 6	Tools for transparency: from data to development to device(this can be modified)	Alastair Denniston Hon Professor, University of Birmingham
	11:15 - 11:35 am	Presentation 7	Transparency of AI from User's Perspective	Seong Ho Park Professor, University of Ulsan College of Medicine
	11:35 am - 12:00 pm	Panel		

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1:30 - 4:00 pm		[Session 3] AI Technology Trends for Medical Product Development		
	1:30 - 1:50 pm	Presentation 1	Trends and Convergence (including Standards) - Lessons Learned from other fields	Pat Baird Regulatory Head of Global Software Standards, Philips
	1:50 - 2:10 pm	Presentation 2	Quality assurance and improvement for Machine Learning-based clinical decision support systems	Jean Feng Assistant Professor, Epidemiology & Biostatistics, UCSF
	2:10 - 2:30 pm	Presentation 3	Technical Standardization Trends on AI/ML-MD Performance Evaluation	Jonghong Jeon Principal Researcher, Electronics and Telecommunications Research Institute
	2:30 - 3:00 pm	Panel		
	3:00 - 3:15 pm	Coffee Break		
	3:15 - 3:35 pm	Presentation 4	The current and emerging use of AI in safety surveillance post-marketing	Andrew Bate VP Safety Innovation and Analytics, GSK
	3:35 - 3:55 pm	Presentation 5	Leveraging network analysis and graph deep learning for drug discovery	Sun Kim Professor, Seoul National University
	3:55 - 4:10 pm	Q&A		

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9:00 – 11:45 am		[Session 4] Regulatory Experience on the Use of AI in Medical Products		
	9:00 - 9:30 am	Presentation 1	Lunit's Global Regulatory Experience and Insights.	Sunggyun Park Chief Product Officer, Lunit
	9:30 - 10:00 am	Presentation 2	Predetermined Change Control Plans - Supporting Efficient Regulatory Oversight of AI-Enabled Products	Cassie Scherer Senior Director of U.S. Regulatory and Global Digital Health Policy, Medtronic
	10:00 - 10:15 am	Coffee Break		
	10:15 - 10:45 am	Presentation 3	Industry Perspectives on Regulatory Frameworks for AI/ML in Drug Development	Ryan Hoshi Director, Regulatory Policy & Intelligence, AbbVie
	10:45 - 11:15 am	Presentation 4	Standardized patient profile review using large language models for case adjudication in observational research	Martijn Schuemie Research Fellow, Johnson & Johnson/OHDSI
	11:15 - 11:45 am	Panel		
11:45 am - 1:15 pm		Lunch		

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Suggested Times	Suggested Time Breakdown	Session Topic	Suggested Subtopics	Suggested Speakers/Panelists
1:15 - 3:30 pm		[Session 5] New Medical Products and Treatment Opportunities Using AI		
	1:15 - 1:35 pm	Presentation 1	Unlocking rapid and safe innovation using Federated Computing	Ittai Dayan MD, MPH, Co-founder and CEO, Rhino Health
	1:35 - 1:55 pm	Presentation 2	Precision Medicine at Scale: towards finding the right treatment for every patient	Joseph Lehar PhD, Innovator · Executive · Advisor, SVP>SAB at Owkin
	1:55 - 2:15 pm	Presentation 3	AI-based Clinical Decision Support System (CDSS) and its Clinical Validation	Hwiyoung Kim Professor, Yonsei University College of Medicine
	2:15 - 2:30 pm	Coffee Break		
	2:30 - 2:50 pm	Presentation 4	Current Landscape of Generative AI and Its Applications in Medicine	Kyu-Hwan Jung Professor, Sungkyunkwan University
	2:50 - 3:10 pm	Presentation 5	Causal AI for Learning "Digital Twins" from Human Multi-OmicData for Drug Discovery and Clinical Development: A Cardiovascular Disease Case Study	Bruce Church Chief Mathematics Officer, Aitia
	3:10 - 3:30 pm	Q&A		

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