

AI TRANSFORMING MEDICINE

2026 @PHILLY AI IN BIOPHARMA EXECUTIVE SUMMIT

Harnessing Artificial Intelligence
to Accelerate the Future
of Medicines



DATE

**Friday,
October 16, 2026**



LOCATION

Science History Institute

315 Chestnut Street
Philadelphia, PA 19106



AI/ML for
Target
Identification



Predictive Modeling
& Generative AI



Clinical Trial
Optimization



Real-World Data
& Insights



Partnerships
& Investment

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JOIN US TO
**DISCOVER.
INNOVATE.
TRANSFORM.**



PHILLY

Advanced Cell and Gene Therapy
in Philadelphia



Science History Institute
Museum & Library



2026 AI in Biopharma Executive Summit

Program at a Glance

Time / Location	Session / Event
8:00 a.m. - 8:45 a.m.	Registration Ulliyot Meeting Hall (1st floor)
8:45 a.m. - 9:00 a.m. Ulliyot Meeting Hall	Welcome Remarks Xinjun Zhang, Ph.D., (Associate Director, Merck & Co., Inc.; President, SAPA-GP) David Cole, Ph.D., M.B.A. (President, Science History Institute) Program Introduction: Lixia Yao, Ph.D. (CEO & Founder, Polygon Health Analytics LLC; Planning Committee Chair, SAPA-GP)
9:00 a.m. - 9:45 a.m. Ulliyot Meeting Hall	Keynote 1: <i>Toward Pharmaceutical Superintelligence: Generative AI and automation for drug discovery and longevity</i> Presenter: Alex Zhavoronkov, Ph.D. (CEO, Insilico Medicine) Host: Lixia Yao, Ph.D. (CEO & Founder, Polygon Health Analytics LLC)
9:45 a.m. - 10:45 a.m. Ulliyot Meeting Hall	Track 1 - Session A <i>From Molecules to Patients: What Can AI Actually Accomplish and When?</i> Moderator: Li Shen, Ph.D., FAIMBE, FACMI, FAMIA, (Professor, University of Pennsylvania) Presentations: <i>Generating medicines of extreme selectivity</i> Huafeng Xu, Ph.D. (Co-Founder & CEO, Fathom Therapeutics) <i>AI in neuroimaging: personalized diagnostics, prognostication, and treatment guidance</i> Christos Davatzikos, Ph.D. (Professor, University of Pennsylvania) <i>Stitching Heterogeneous Data Sources for Computational Drug Development</i> Fei Wang, Ph.D. (Professor, Population Health Sciences, Weill Cornell Medicine, Cornell University)
10:45 a.m. - 11:05 a.m.	Coffee Break
11:05 a.m. - 12:05 p.m. Ulliyot Meeting Hall	Track 1 - Session B <i>From Scientific Breakthrough to Operating Model: Who Decides in AI Drug Discovery?</i> Moderator: Lixia Yao, Ph.D. (CEO & Founder, Polygon Health Analytics) Panelists: Huafeng Xu, Ph.D. (Co-Founder & CEO, Fathom Therapeutics) Christos Davatzikos, Ph.D. (Professor, University of Pennsylvania) Fei Wang, Ph.D. (Professor, Population Health Sciences, Weill Cornell Medicine, Cornell University) David Henderson, Ph.D. (Principal Customer Engineer & Research Solution Lead for Healthcare & Life Sciences, Google)
12:05 p.m. - 1:05 p.m. Adams (2nd floor)	Lunch Break
12:15 p.m. - 1:00 p.m. Ulliyot Meeting Hall	Lunch Seminar: <i>AI for Clinical Trial Statistics: Lessons from Building It</i> Presenter: Joshua Maher, Ph.D. (CTO, Princeton Pharmatech) Host: Yali Liang, M.D./M.P.H. (Director, Global Clinical Pharmacology and Pharmacometrics, Jazz Pharmaceuticals)
1:05 p.m. - 1:50 p.m. Ulliyot Meeting Hall	Keynote 2: <i>The Simulator's Dilemma</i> Presenter: Sean Khozin, M.D., (Chief Executive Officer, CEO Roundtable on Cancer) Host: Haichen Yang, M.D., M.B.A., M.A. (VP, Clinical Research, Amicus Therapeutics)

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1:50 p.m. - 2:50 p.m. Ullyot Meeting Hall	Track 2 - Session A <i>AI in Clinical Development: Real Cases, Real Constraints</i> Moderator: Yali Liang, M.D./M.P.H. (Director, Global Clinical Pharmacology and Pharmacometrics, Jazz Pharmaceuticals) Presentations: <i>Use of Artificial Intelligence in Regulatory Decision Making</i> Long Wang, M.D., Ph.D. (SVP, Head of Regulatory, Mineralys Therapeutics) <i>The New Reality of Pharma R&D: AI Amplifies Expertise, Experts Drive Innovation</i> Junshui Ma, Ph.D. (Associate VP, Head of Biometrics Research Department, Merck & Co., Inc.) <i>STRIDE: Unlocking Data with AI in Country and Site Selection</i> Gwenn Oakes, B.A. (Principal Scientist, Global Clinical Trial Operations, Merck & Co., Inc.) & Shivanjali Kumar, M.B.A., M.S., P.M.P. (Associate Director, Core Data Platform, Merck & Co., Inc.)
1:50 p.m. - 2:50 p.m. Adams (2nd floor)	Track 3 <i>Follow the Money: Capital Shaping Life Science AI</i> Moderator: Rui Che, Ph.D. (Senior Managing Director, KPMG) Panelists: Dimitris Agrafiotis, Ph.D. (Director, Digital, Analytics, and AI, Arsenal Capital Partners) Aaron Spivak, Ph.D., M.B.A. (Analyst, Balyasny Asset Management L.P.) Matthew Studney, B.S. (Chief Customer Officer, TetraScience) Kerry Benson, M.B.A. (Interim President & CEO, University City Science Center)
2:50 p.m. - 3:10 p.m.	Coffee Break
3:10 p.m. - 4:10 p.m. Ullyot Meeting Hall	Track 2 - Session B <i>Beyond Pilots: The People and Process Gap in Clinical AI</i> Moderator: Antong Chen, Ph.D. (Executive Director, Data Science and Scientific Informatics, Merck & Co., Inc.) Panelists: Long Wang, M.D., Ph.D. (SVP, Head of Regulatory, Mineralys Therapeutics) Junshui Ma, Ph.D. (Associate VP, Head of Biometrics Research Department, Merck & Co., Inc.) Gwenn Oakes, B.A. (Principal Scientist, Global Clinical Trial Operations, Merck & Co., Inc.) Shivanjali Kumar, M.B.A., M.S., P.M.P. (Associate Director, Core Data Platform, Merck & Co., Inc.) Kevin He, M.B.A. (Director, Business Development, Deep Intelligent Pharma)
4:10 p.m. - 4:55 p.m. Ullyot Meeting Hall	Keynote 3: <i>The Emerging AI Tech Landscape in Pharma - Fact vs. Fiction, Fall 2026 Edition</i> Presenter: Ronald Y. Kim, M.B.A., B.S. (Founder, AI & Tech Advisor, Ron Kim Advisory;) Host: Xinjun Zhang, Ph.D., (Associate Director, Merck & Co., Inc.; President, SAPA-GP)
3:00 p.m. - 4:55 p.m. Adams (2nd floor)	Song Li Scholarship Students Innovation Competition Host: Jialie Luo, Ph.D., (Senior Manager, Cencora) Judges: David Cole, Ph.D., M.B.A. (President & CEO, Science History Institute); Aaron Mackey, Ph.D. (Senior Fellow, McKinsey & Company); Evelyn Guo, M.D., M.B.A. (Medical Director, Genmab)
4:55 p.m. - 5:00 p.m. Ullyot Meeting Hall	Song Li Scholarship Awards Announcement & Closing Remarks
5:30 p.m. - 8:00 p.m.	Dinner Reception (Ticketed Event)

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Executive Leadership

Committee Chair	Lixia Yao
SAPA-GP President	Xinjun Zhang
SAPA-GP President-Elect	Evelyn Guo

Planning Committee

Li Shen, Antong Chen, Haichen Yang,
Aaron Mackey, Joanna Kan, Bill Lu

Operations & Management

Business Development	Hui Wang
Logistics	Sherry Wang, Terry Zheng
Communication	Hao Sun, Zhiyi Cui, Fei Meng, Katie Sun
IT / Website	Jialie Luo
Project Management	Jingwen Niu



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