

2025

Date **3rd March (9:30-17:00)**
4th March (14:30-20:30)

Venue **The Royal Society London**
One Great George Street

Life Science, Digital & Health Open Innovation Forum



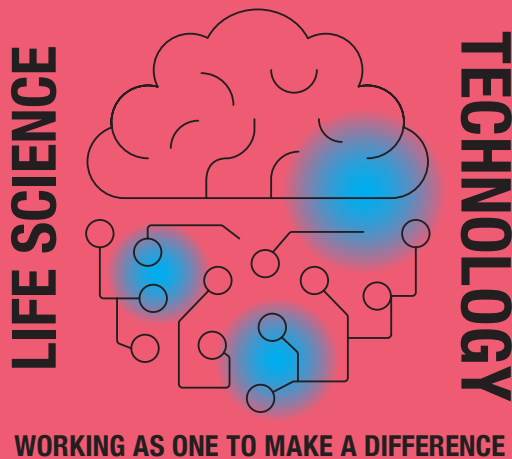
Medical
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The Forum will serve as the
cornerstone for the
development of 'strategic
partnerships' and improved
R&D opportunities



Day 1:

- > Global Open Innovation for Life Science and Digital-IT
- > Advanced Life Science and Applications (solution to improve the quality of life)
- > Open Innovation Show Case and Opportunity

Day 2:

- > Open-Innovation, Discovery and Enterprise
- > Venture Capital Landscape & Life Science Investment
- > Reception & Networking Opportunity

Agenda

How can **Life Science – Digital/Artificial Intelligence (A.I.) & Technology** be used synergistically to provide a better understanding of biological mechanisms associated with health/disease and foster open-innovation platforms, **providing better solutions to improve the quality of life.**

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Programme Committee:

- Prof. Chas Bountra (Pro-Vice Chancellor for Innovation, University of Oxford)
- Prof. Kei Cho (Professor of Neuroscience, King's College London)
- Mr Jonathan Crook (Deputy Head, Venture Capital Unit, Department for Business & Trade)
- Dr Sebastian Johnson (Director of Ecosystems, Advanced Research Clusters Harwell)
- Dr Mark Palmer (Director of International Relations, Medical Research Council)

Life Science, Digital & Health Open Innovation Forum in London 2025
Day1 (3/March) Programme (The Royal Society, Wolfson Library, London)

9:00-9:25	Registration & Coffee/Tea Reception
9:25-9:30	Opening – Prof. Kei Cho (Organiser & Program Committee, King's College London)
9:30-9:40	Congratulatory address by Prof. Chas Bountra (Pro-Vice Chancellor for Innovation, University of Oxford) Mr. George Freeman (MP, Chair All Party Science in Parliament Committee)
	Session 1: Global Open Innovation for Life Science and Digital-IT
9:40-9:50	Dr. Mark Palmer (Director of International Relations, Medical Research Council, UK) <i>UK Biomedical & Health Data Science</i>
9:50-10:00	Mr Hyoukmo Nam , (Director, Advanced Biotechnology Division, Ministry of Science & ICT, Korea) <i>Advanced Biotechnology Initiative</i>
10:00-10:10	Mr. Masahide Sakishige (Deputy Director General, Japan External Trade Organisation (JETRO) London) <i>The Outline of JETRO's Open Innovation Promotion (J-Bridge) Focusing on Life Sciences</i>
10:10-10:20	Dr. Junghwan Park (Deputy Director, Division of Health Industry Policy, Ministry of Health and Welfare, Korea) <i>Korean Health R&D: Government Policies and Global Collaboration</i>
10:20-10:30	Mr. Martin Gadsden (Japan Agency for Medical Research and Development (AMED), London) <i>Introduction to AMED and our cooperation with the UK</i>
10:30-10:40	Ms. Eve Worrell (Head of Science Strategy, Department of Health and Social Care)
10:40-10:55	Coffee Break
	Session 2: Advanced Life Science and Applications (solution to improve the quality of life) Session Chair: Prof. Kei Cho (King's College London), Dr. Hiroyuki Usuda (Astellas)
10:55-11:10	Prof. Sir David Klenerman (University of Cambridge) <i>Applications of physical sciences to biomedicine: Next generation DNA sequencing and beyond</i>
11:10-11:25	Dr. Hiroyuki Usuda (Astellas, Japan) <i>Scouting for innovation</i>
11:25-11:40	Prof. Jernej Ule (King's College London/CRICK/UK-DRI) <i>RNA as a gatekeeper of disorder-prone protein: New opportunities for neurodegeneration therapeutics</i>
11:40-11:55	Prof. Seung-Yong Yoon (Asan Medical Centre, Korea) <i>Development of anti-MTBR-Tau antibody and anti-APOE4 antibody for Alzheimer's disease</i>
11:55-12:10	Prof. Michele Vendruscolo (University of Cambridge) <i>Expediting drug discovery for undruggable targets using A.I.</i>
12:10-12:25	Dr. Emma Murphy (Drug Discovery Institute, Oxford) <i>De-risking novel therapeutic targets for neurodegenerative diseases through a platform-based approach to early drug discovery</i>

12:25-12:40	Q & A for Session 2
12:40-13:30	Lunch & Discussion
	Session 3: Open Innovation Show Case and Opportunity Session Chair: Prof. Paul Matthews / Dr. Manuela Cerina (LifeArc)
13:30-13:45	Prof. Paul Matthews (Director, Rosalind Franklin Institute) <i>The role of National Institutes in driving innovation for new discovery and growth</i>
13:45-14:00	Dr. Sebastian Johnson (Director, ARC Harwell, Oxford) <i>Ecosystem and opportunities in Harwell-Oxfordshire and UK Science & Technology Facility</i>
14:00-14:15	Dr. Sonali Mohapatra (Quantum Innovation Sector Lead, National Quantum Computing Centre) <i>Quantum Computing in Healthcare and Pharma: A UK Quantum Readiness Perspective</i>
14:15-14:30	Prof. So-Hyun Kang (Seoul National University Bundang Hospital, A.I. Center) <i>Open innovation in healthcare: Collaborative A.I. Endeavours at Seoul Nat. Univ Bundang Hospital</i>
14:30-14:45	Coffee Break & Discussion
14:45-15:00	Dr. Sean Kang (CEO, WELT Corp., Korea) <i>Digital Therapeutics: A patient-centric data platform for training 'Dr Agent'</i>
15:00-15:15	Dr. Taeyong Park (EVP, Galux, Korea) <i>GaluxDesign: A.I. for protein therapeutics design</i>
15:15-15:30	Dr. Peter Atkinson (Eisai, Europe) <i>Lab-to-Life: Industry-academia partnerships in brain health</i>
15:30-15:45	Prof. Namkug Kim (Asan Medical Center, Korea) <i>Innovations in chest CT for lung disease: From bench to commercialisation.</i>
15:45-16:00	Dr. Maj Kazmi (Guy's and St Thomas' NHS Foundation Trust, King's College London) <i>A.I. Powered cancer care</i>
16:00-16:20	Panel Discussion: The Necessity of Digital-A.I. in Life Science & Health Care Panels: Dr. Maj Kazmi (King's College London), Dr. Kang (WELT Corp.), Prof. Sir Klenerman (University of Cambridge), Dr. Howells (Nature Neuroscience) Moderator: Prof. Kei Cho (King's College London)
16:20	Closing Day 1 (Organiser)

Life Science, Digital & Health Open Innovation Forum in London 2025 Day2 (4/March) Programme (One Great George Street, Council Room, London)	
14:00-14:25	Registration (Council Room, One Great George Street, London)
14:25-14:30	Opening by Prof. Kei Cho (King's College London)
14:30-14:35	Congratulatory address by Ms. Aekta Patel , Head of The Venture Capital Unit, Department for Business & Trade (DBT)
14:35-14:40	Congratulatory address by Ms. Eun-Young Jung , Director General, Ministry of Health and Welfare (MOHW), Korea

14:40-14:45	Congratulatory address by Mr. Masahide Sakishige , Deputy Director General, Japan External Trade Organisation - London
	Session 1: Open-Innovation, Discovery and Enterprise Session Chair: Dr. Manuela Cerina (LifeArc)
14:45-14:55	Dr. Giovanna Lalli , (Director of Strategy & Operation, LifeArc) <i>Harnessing innovation to deliver patient impact</i>
14:55-15:05	Mr. Ryosuke Tsuji (ITOCHU, London) <i>Global Business Development through Strategic Partnerships</i>
15:05-15:15	Dr. Oliver Hardick (M Ventures, Merck CVC) <i>Bridging Innovation in Life Science Tools, Technology, TechBio and Therapeutics</i>
15:15-15:25	Dr. Akihiro Imura (CEO, CogNano, Japan) <i>Accelerating LLM-Driven Drug Discovery with a Large-Scale VHH (Nanobody) Dataset</i>
15:25-15:35	Dr. Daniel Ring (VP, AviadoBio, UK) <i>Show case: From Excellent Science to Spin Out</i>
15:35-15:45	Dr. Jamie Heath (CFO, Apollo Therapeutics, UK) <i>Tip of the spear: actualising innovation</i>
15:45-16:00	Coffee Break
	Session 2: Venture Capital Landscape & Life Science Investment Session Chair: Dr. Vassilis Georgiadis (King's College London)
16:00-16:10	Mr. Jonathan Crook (Deputy Head, Venture Capital Unit, Department for Business & Trade) <i>Venture Capital Unit's support for Life Sciences and Healthcare</i>
16:10-16:20	Dr. Mark Treherne (Council Member, Innovate UK) <i>Innovation in the UK</i>
16:20-16:30	Dr. Keehyun Earm (Head of Venture Desk, Korea Development Bank (KDB) London) <i>Driving Biotech Growth: The Role of KDB London Venture Desk</i>
16:30-16:40	Dr. Hiroki Takai (Director, Global Brain, London) <i>Strategic venture investing in the UK: Lessons from Global Brain's CVC Experience</i>
16:40-16:50	Mr. Yousung Jeon (Korea Venture Investment Corporation (KVIC), Europe) <i>Introduction of KVIC and Korea Fund of Funds</i>
16:50-17:00	Start-up Blitz Talks Neuracle Science (Korea) <i>Restoration of lost synapses via synaptic balancer</i> ProAbTech (Korea) <i>Site-specific bioconjugation technology platforms for new drug modalities and improved Biological Drug</i> enParticle (Korea) <i>Advanced high throughput manufacturing of pharmaceutical particles</i>
17:00-17:20	Panel Discussion: Open Innovation – “Opportunity” vs. “Challenge” Panel: Dr. Lalli (LifeArc), Dr. Usuda (Astellas), Mr. Tsuji (ITOCHU), Dr. Georgiadis (King's College London). Moderator: Dr. Hiroki Takai (Global Brain)
17:20-20:30	Session 3: Reception & Networking Opportunity
	Closing address by DBT

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Working As One To Make A Difference