


Day 1: Monday 9 November

Time	Data Management + Storage	RWE	AI/ML	Digital Transformation
08:55 GMT	<i>Producers Remarks</i>	<i>Producers Remarks</i>	<i>Producers Remarks</i>	<i>Producers Remarks</i>
09:00 GMT	<p><i>Putting more Understanding into Knowledge Management</i></p> <p>Etzard Stolte, Global Head of Knowledge Management Ptd, Roche (rec).</p>	<p><i>Leveraging the UK BioBank and other large-scale population cohorts for target validation and identification at Janssen</i></p> <p>Mary Helen Black, Head - Population Analytics, Computational Sciences, Janssen (rec).</p>	<p><i>AI for Enabling Personalized Healthcare - Challenges & Opportunities</i></p> <p>Asif Jan, Group Director, Personalized Healthcare (PHC), Roche (rec).</p>	<p><i>COVID-19, data and system dynamics to enhance strategic decision making in uncertainty</i></p> <p>Andrew Hardy, Director Strategy & Business Development, C.S.L. Behring (rec).</p>
09:20 GMT			 <p><i>NLP, AI and ML: Beyond the Hype</i></p> <p>Jane Reed, Director of Life Sciences, Linguamatics</p>	<p><i>Working with AI and Data Integration Partners in Drug Discovery</i></p> <p>Bradlay Pryde, COO and Co-Founder, OneThree Biotech</p>
09:40 GMT	Breakouts	Breakouts	Breakouts	Breakouts
10:05 GMT	Break	Break	Break	Break


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10:10 GMT	<p><i>Data storage and compute at volume – new compute and storage services at Roche to enable personalized healthcare</i></p> <p>Timothy Stitt, RSI Principal Architect, Roche (LV)</p>			<p><i>Transforming R&D Productivity through digital means</i></p> <p>Ralph Haffner, Global Area Head - Research Informatics, Roche (rec).</p>
10:30 GMT	<p><i>Current data management challenges at the Sanger Institute</i></p> <p>Tim Cutts, Head of Scientific Computing, Wellcome Trust Sanger Institute (rec).</p>	<p><i>PANEL DISCUSSION – Real world evidence and data sharing partnerships</i></p> <p>Frederico Caldo, Head of RWE Innovation and Partnerships, Novartis Presentation</p>	<p><i>Anti-Aging: Investment opportunities and areas of development</i></p> <p>Alexander Zhavoronkov, CEO, Insilico Medicine</p>	<p> Benchling</p> <p><i>Digital Evolution for the New R&D Paradigm</i></p> <p>Michael Schwartz, Head of Product Marketing, Benchling</p>
10:50 GMT		<p>Bernard Hamelin, Global Head of Medical Evidence Generation, Sanofi</p>	<p><i>Machine learning to predict response to treatment in eye diseases using tomography scans of the retina</i></p> <p>Andreas Maunz, Principal Scientist, R&D Imaging Data Analysis Expert Roche Pharma Research and Early Development Informatics, Roche (rec).</p>	<p><i>Digital tools for automatic data collection in dermatology</i></p> <p>Anastasia Georgievskaya, CEO, Haut.AI</p>
11:10 GMT				<p><i>Data science team reorganizations required to enable digital</i></p>




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				<p><i>transformations in pharmaceuticals</i></p> <p>David Ruau, VP, Head of Global Data Asset & Decision Science, Bayer (rec).</p>
11:30 GMT	Breakouts	Breakouts	Breakouts	Breakouts
12:05 GMT	Break	Break	Break	Break
12:10 GMT		<p><i>Curating high-quality in-house data sets for RWE-learning to work in an agile manner with vendors and multiple data sources</i></p> <p>Sandeep Burugupalli, Senior Director, Global Medical Epidemiology Strategist, Data Center of Excellence, Pfizer</p>	<p><i>Hyper personalised medicine, using simulated patient cells</i></p> <p>Andy Lee, COO, Vincere Biosciences (rec).</p>	<p><i>Future Lab – Digital transformation</i></p> <p>Amrik Mahal, Head of IT - Early Science, AstraZeneca (LV)</p>
12:30 GMT	 <p>SOFTIRON</p> <p><i>Redefining Software-Defined Storage: all the performance, without the complexity</i></p>	 <p>evidation</p> <p><i>The value of patient generated health data</i></p>	 <p>LEAPYEAR</p> <p>PANEL: Beyond De-identification: Enabling compliant computational data pooling with meaningful privacy</p>	<p><i>Digitalizing the production of pills</i></p> <p>Christoph Huels, Internal Entrepreneur in Action, Merck KGaA (rec).</p>



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	<p>Andrew Moloney, VP Strategy, SoftIron</p>	<p>Mikki Nasch, Co-founder and VP, Evidation Health</p>	<p>Enrique Salem, Partner, Bain Capital Ventures</p>	
12:50 GMT	<p><i>Storing fire base data and its retrieval</i></p> <p>Alexander Kiel, Head of IT, Leipzig University, Leipzig Research Centre for Civilization Diseases (rec).</p>	<p><i>RWD and Advanced Analytics for Drug Research and Development</i></p> <p>Bernard Hamelin, Global Head of Medical Evidence Generation, Sanofi (Rec).</p>	<p>Dominik Geller, Head Group Digital Governance, Sanofi</p> <p>Simon Lin, Chief Research Information Officer, Nationwide Children's Hospital</p> <p>Ishaan Nerurkar, CEO, LeapYear Technologies</p>	<p>Modernising Pharma R&D: what why how</p> <p>Laura Williams, Discovery and Technology Lead, GSK (rec).</p>
13:10 GMT	 <p><i>iRODS Policy Composition: Configuration, Not Code Data Management & Storage</i></p> <p>Terrell Russell, Chief Technologist, iRODS Consortium</p>	 <p><i>Using RWD to Replace or Augment a Clinical Trial: Dream or Reality?</i></p> <p>James Stover, Chief Business Officer, Nashville Biosciences</p> <p>Radek Wasiak, Chief Data Officer, Cytel</p>	<p>"TEMPUS"</p> <p><i>Leveraging multi-modal data for precision medicine</i></p> <p>Ryan Fukushima, Chief Operating Officer, Tempus</p>	<p>SEVEN BRIDGES ROUND TABLE</p> <p>Emmanuelle Supper, Director of Business Development, EMEA, Seven Bridges</p> <p>Asli Ismihan Ozen, Head of Bioinformatics and Data Mining Department, Novo Nordisk</p> <p>Peter Clapham, Informatics Support (HPC) Group Leader, Wellcome Trust Sanger Institute</p>
13:30 GMT	<p><i>Developing information infrastructure in the pharmaceutical industry</i></p>		<p><i>Precision in Medicine: focus on AI in target discovery</i></p>	

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	ChuangKee Ong , Associate Director, SDF Information Architecture Lead, R&D IT, AstraZeneca (LV) .		Iris Grossman , CEO, GROSS Advantage (rec) .	Steve Howes , Sr. Director, Digital R&D Client Partner Lead, Pfizer Julie Gil , Associate Dir. of Bioinformatics, Gadeta Ivo Buchenalten , Head of Omics IT and Data Management, German Cancer Research Center
13:50 GMT	Breakout	Breakout	Breakout	Breakout
14:10 GMT				
14:25 GMT	Break	Break	Break	Break
14:30 GMT	Chairs Remarks Chairs remarks Bryn Roberts, SVP R&D, Roche			
14:45 GMT	Presentation LIVE Emmanuel Bacry, CSO Health Data Hub			
15:05 GMT	Presentation LIVE Panel: <i>Realising transformative innovations in health data sciences: The need for novel collaborative business models</i> Chair: Nadeem Sarwar, Founder & President, Eisai G2D2 Bryn Roberts, SVP R&D, Roche Andrew Morris, Director, Health Data Research UK Xinhong Lim, Assistant Managing Director, Vickers Venture Partners Cindy Hoots, CDO/CIO, AstraZeneca Emmanuel Bacry, CSO, Health Data Hub Jessica Federer, Ex-CDO, Bayer, MD Huma			

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16:05 GMT	<p style="text-align: center;">Presentation LIVE</p> <div style="text-align: center;"><p>SevenBridges</p><p><i>Reducing Pediatric Cancer to Zero</i></p><p>Jack DiGiovanna, SVP, Director of Programs, SevenBridges</p><p>Mark Cowley, Computational Biology Group Leader, Conjoint Associate Professor, School of Women's and Children's Health, UNSW Medicine, Children's Cancer Institute Australia</p></div>
16:25 GMT	<div style="text-align: center;"><p>Presentation LIVE</p><p>Genomic data in practice</p><p>Dan Greenfield, CEO, PetaGene</p></div>
16:45 GMT	<p style="text-align: center;"><i>Integration of AI into your corporate strategy- case studies for success</i></p> <p style="text-align: center;">Nuray Yurt, Executive Director, Enterprise Analytics & Data Science, Novartis (rec)</p>
17:05 GMT	<p style="text-align: center;">Closing Remarks + Q&A Town Hall</p>

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Day 2: Tuesday 10 November

Time	Data Management + Storage	RWE	AI/ML	Digital Transformation
08:55 GMT	<i>Producers Remarks</i>	<i>Producers Remarks</i>	<i>Producers Remarks</i>	<i>Producers Remarks</i>
09:00 GMT			<i>Patient flow in hospitals and machine learning</i> Milan Bates, FRCS, University Hospital Bristol (rec).	<i>Digital Therapeutics: where are we and what's next for scale and impact?</i> Oliver Gassner, Digital Health Lead, Roche (rec).
09:20 GMT	<i>Towards a data catalogue – Theory and Reality</i> Boris Adryan, Data Strategy Execution Lead for R&D, Data Analytics & Strategy for Healthcare, Merck Group (rec).	<i>CHIEF-HF: The first FDA-sanctioned fully decentralized indication-seeing trial. Key Lessons</i> John Whang, Head IET, Cardiovascular and Metabolism, Johnson & Johnson (Lv)		
09:40 GMT	Breakouts	Breakouts	Breakouts	Breakouts
10:05 GMT	Break	Break	Break	Break
	<i>Data Management & Storage</i>	<i>RWE</i>	<i>AI/ML</i>	<i>Digital Transformation</i>

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10:10 GMT	<p><i>Economics + Data Management: Why Digitalisation will fail if we don't standardise</i></p> <p>Martin Romacker, Senior Principal Scientist in Scientific Solution Delivery and Architecture, Roche (rec).</p>	<p><i>Real World Evidence and the Drug Development Casino</i></p> <p>Paul Agapow, Health Informatics Director, AstraZeneca (rec).</p>	<p><i>AE Brain – Detecting Adverse Drug Events with Natural Language Processing</i></p> <p>Moritz Freidank, Full Stack Developer, Novartis (rec).</p>	<p><i>Digital Transformation through Design Thinking</i></p> <p>Alain Bindels, Head of Innovation Facilitation, Roche</p>
10:30 GMT			<p><i>Panel: Embedding AI in regulated processes</i></p> <p>Moritz Freidank, Full Stack Developer, Novartis</p>	<p><i>Patient engagement in digital trials</i></p> <p>Gergely (Greg) Temesi, Director, R&D IT - EMEA and Japan, Merck Sharp (rec)+</p>
10:50 GMT	<p><i>How CERN digital projects on medical applications were adapted to fight COVID-19</i></p> <p>Alessandro Raimondo, KTO Knowledge Transfer Officer, CERN (rec).</p>		<p>Gloria Macia Data Scientist, Global Product Strategy, Roche</p> <p>Joanne Hackett, General Partner Healthcare, IZY Capital</p> <p>Brad Pryde, Cofounder & COO, OneThree Biotech</p>	<p><i>Transforming Clinical Operations and Patient Engagement in pRED</i></p> <p>Joerg Degen, Global Head Early Development Informatics, Roche .</p>
11:10 GMT	<p><i>How to assess and improve health data quality, so you can trust what you learn</i></p>	<p><i>Working with Genomic Data and Longitudinal Healthcare Data</i></p>	<p><i>AI operationalisation (AI Ops) - How to achieve the last mile of AI delivery in Pharma R&D</i></p>	


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	Hannelore Aerts , Data Quality Programme Manager, European Institute for Innovation through Health Data (i~HD) (rec)	Parker Moss , CCO, Genomics England (LV)	Anna Bauer Mehren , Head of Data Science, Roche (LV)	
11:30 GMT	Breakouts	Breakouts	Breakouts	Breakouts
12:05 GMT	Break	Break	Break	Break
	Quantum Computing & Pharma	RWE	AI/ML	Digital Transformation
12:10 GMT	Roches Quantum Computing Journey Martin Strahm , Head of Data Science, Roche (rec) .	Exploring a hospital integrated biobank Antti Karlsson , Development Manager, Data Science, Auria Biobank (rec) .	Deep Learning Prediction of Endoscopic Severity in Ulcerative Colitis Using Weak Labels Benjamín Gutierrez Becker , Postdoctoral Scientist, Clinical Image and Video Analysis, Roche (rec) .	Application of digital medicine for clinical trials in the Heartline Study-4,000 patients signed up within the first days after study launch Paul Burton , Vice President of Medical Affairs, Janssen (LV)
12:30 GMT	 William Hurley , CEO, StrangeWorks	Producing novel sources of real-world data focusing on patient outcomes impacted by the US payer system to repurpose therapeutic in solid tumours and achieve stakeholder alignment in value-based care	How is artificial intelligence reshaping healthcare in Europe? Mireia Crispin , Programme Director, Center for the Governance of Change Borysiewicz Fellow, University of Cambridge (rec) .	Benchmarking and establishing measures for digital tools – New standards for collaboration and interoperability

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		Karlo Martin , Senior Real-World Evidence Partner, PHAGE Corporation (rec) .		Larsson Omberg , VP Systems Biology, Sage Bionetworks (rec) .
12:50 GMT	Quantum computing in drug discovery – Finding use cases Govinda Bhisetti , Principal Investigator and Head of Computational Chemistry, Biogen (rec) .		Insights from Merck KGaA about the applications machine learning Helmut Linde , Global Head of Data Science & Analytics, Merck KGaA (rec) .	Deploying Data Analytics in Translational Science/Sourcing internal and external data Peter Groenen , Head of Translational Science, Idorsia (rec)
13:10 GMT	QUANTUM PANEL Martin Strahm , Head of Data Science, Roche Brian Martin , Head of AI In R&D Information Research, Senior Principal Data Scientist, AbbVie Govinda Bhisetti , Principal Investigator and Head of Computational Chemistry, Biogen	Global rare diseases data acquisition from real-world settings Zheng Yang , Head of Technology and Data Innovation, Customer Value, Human Pharma Business Unit, Boehringer Ingelheim .	Roundtable: Data Security: Addressing privacy concerns while enabling secure use of data for research and medical applications Vaughan Wittorff , Co-Founder & Chief Commercial Officer, PetaGene	MyStudyWindow-challenges in international implementation Sonia Houston Pichardo , Digital Trials Lead Europe, Boehringer Ingelheim
13:30 GMT		Pragmatic approaches to achieving Healthcare 2050 aspirations and the role that big data plays in it	Vai Bhardwaj , Business Development Director, Petogene Konrad Rudolph , Senior Research Engineer, Petogene	



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		Christopher Boone , Global Head, Health Economics & Outcomes Research, AbbVie		
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14:25 GMT	Break	Break	Break	Break
14:30 GMT	Chairs remarks Bryn Roberts, COO, Roche			
14:45 GMT	<i>Insights Centers for the Pharmaceutical Industry</i> Luca Finelli , VP, Head Insights Strategy & Design, Data Science and AI, Novartis			
15:05 GMT	 <i>Accelerating drug research and development programs with population-scale genomic insight</i> Stacey Wasserman , Senior Vice President, Head of Commercial, Genuity Science			
15:25 GMT	 <i>New agile methods to extract deeper knowledge from 160 million publications</i> Peter Dörr , VP Dimensions Industrial Solutions, Digital Science			
15:45 GMT	Visit the Exhibition Centre			
16:30 GMT	<i>Digital Enterprise – Thriving in the new normal</i> Cindy Hoots , CDO/CIO, AstraZeneca			
16:50 GMT	<i>Transformational Role of Transformers (Attention-based Deep Neural Networks)</i> Edmon Begoli , AI Systems Section Head and Distinguished Scientist, Oak Ridge National Laboratory (ORNL)			

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17:10 GMT	<i>Anti-Coronavirus antibody therapies and universal vaccines: how Big Data empowered a 30-person team to rapidly engineer and deploy anti-pandemic medicines</i> Jacob Glanville, Founding Partner, CEO, and President, Distributed Bio Inc
17:30 GMT	Chairs Remarks and Q&A Town Hall

Day 3: Wednesday 11 November

Time	Bioinformatics & Insilico Drug Discovery	Data Integration & FAIR	Analytics Platforms	Big Data & Oncology
08:55 GMT	<i>Producers Remarks</i>	<i>Producers Remarks</i>	<i>Producers Remarks</i>	<i>Producers Remarks</i>
09:00 GMT	 Multi-Reference Poly-Conformational Computational Platform for De-Novo Design, Optimization and Repositioning of Pharmaceutical Compounds	How to leverage data integration in drug discovery Philippe Marc, Executive Director, Global Head of Integrated Data Sciences, Novartis (rec).	The Application of Recurrent Neural Networks in Ophthalmic Image Analysis for Longitudinal Clinical Studies Ian Lloyd Jones, R&D Data Analyst, Roche (rec)	Big Data Omics for target validation and ID in oncology Philippe Sanseau, Head Computational Biology, GSK, Lead, Open Targets (rec).




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	Yuriy Gankin, CSO, Quantori			
09:20 GMT	 <p>Coronavirus Network Explorer: Insights into predicted biological mechanisms driving a pandemic</p> <p>Jeff Green, Digital Insights Lead, Qiagen</p>	 <p>SciWalker and SciWalker Studio - chemistry focused semantic data extraction</p> <p>Felix Berthelman, Project Manager, OntoChem</p>	 <p>Improving Health Outcomes with Data + AI</p> <p>Frank Nothhaft, Technical Director for Healthcare and Life Sciences, Databricks</p>	
09:40 GMT	Breakouts	Breakouts	Breakouts	Breakouts
10:05 GMT	Break	Break	Break	Break
10:10 GMT	<p>Retrosynthetic software for practicing chemists: Novel and efficient in silico pathway design validated at the bench</p> <p>Lindsey Rickershauser, Sales and Marketing Manager, Cheminformatics, Millipore Sigma (Rec)</p>		<p>Developing the pRED data catalogue</p> <p>Jan Kuentzner, Head of pRED data commons service, Roche (rec).</p>	<p>Reusing EHR data across Europe and the US for oncology studies</p> <p>Dipak Kalra, President, The European Institute for Innovation through Health Data (i~HD) (rec)</p>



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				Nadir Ammour , Global Lead, Clinical Innovation & Partnership, Sanofi (rec) .
10:30 GMT	 <p><i>Introducing a new way to identify potential off-targets and generate new drug design ideas</i></p> <p>Lorena Zara, Scientific Project Manager, Discngine</p>	 <p><i>The game plan for your Knowledge Graph-driven FAIR data platform</i></p> <p>Sebastian Schmidt, Co-CEO / Geschäftsführer, Metaphacts</p>		
10:50 GMT	<p><i>How to translate progress in AI into drug discovery benefit? - Driving novel opportunities and caring about their adoption</i></p> <p>Friedrich Rippmann, Director, Computational Chemistry & Biology, Merck KGaA (rec).</p>	<p><i>Sharing patient clinical data across the NHS in a secure and interoperable manner</i></p> <p>Adrian Byrne, CIO, University Hospital Southampton NHS Foundation Trust (UHSFT). (LV)</p>	<p><i>Developing AI platforms and services at Janssen</i></p> <p>Srikanth Ramakrishnan, Director-Intelligent Automation & Analytics, Pharmaceuticals R&D, Johnson and Johnson (rec).</p>	<p><i>Artificial Intelligence for Precision Oncology</i></p> <p>Pedro Ballester, Group Leader, INSERM (rec).</p>
11:10 GMT				


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	<p>Compound registration and assay data management on the cloud</p> <p>Csaba Peltz, Product Manager of Synergy, ChemAxon</p>	 <p>Insights from AILANI - an AI-augmented Question Answering and Semantic Search system for Life Science Enterprises</p> <p>Angela Bauch, Assistant Director Product Management, Biomax Informatics AG</p>		
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12:05 GMT	Break	Break	Break	Break

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<p>12:10 GMT</p>		<p><i>Connecting the dots in diverse data sets to combat disease – CovidGraph</i></p> <p>Alexander Jarasch, Head of Data and Knowledge Management, German Center for Diabetes Research (rec).</p>	<p><i>Clinical digital transformation. What are the challenges with delivering digital tools into the hands of the clinician- What is stifling the transition of tech to the point of care?</i></p> <p>Nicholas Marko, CDO, Neurosurgeon, Geisinger Health System (rec).</p>	<p><i>Advances and impact of data science for Oncology research and early development at Tempus</i></p> <p>Jonathan Dry, VP Scientific Discovery, Tempus (rec).</p>
<p>12:30 GMT</p>	<p>XXX</p>	 <p><i>Transforming Pharma Scientific Publishing with Semantic Content Generation</i></p> <p>Todor Ilya, Head of Research and Innovation Unit, part of which is Ontotext Life-sciences Team, Sirma AI EAD, trading as Ontotext</p> <p>Ilian Uzunov, Sales Director Life-sciences, Pharma, Healthcare and STM</p>	 <p><i>Cohort Analytics Platform - Enabling target discovery at whole genome population scale</i></p> <p>Hakon Guobajtsson, CIO, Genuity</p>	<p><i>PANEL: Future digital opportunities for pharma and academia to jointly shape healthcare</i></p> <p>Sebastian Stolzenberg, Project Leader, Freie Universität Berlin</p> <p>Nuray Yurt, Executive Director, Enterprise Analytics & Data Science, Novartis</p> <p>Ulo Palm, Former SVP Digital Sciences at Allergan,</p>



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		Publishing, Sirma AI EAD , trading as Ontotext		Chief Medical Officer, Ordaos Bio
12:50 GMT	<p><i>Using molecular modelling and AI to enhance precision medicine: Opportunities and Challenges in South Africa</i></p> <p>Samuel Egieyeh, Senior Lecturer, University of the Western Cape (rec).</p>	<p>PANEL: The Value of FAIR DATA</p>  <p>Hans Constandt, CEO, Ontoforce</p> <p>Martin Romacker, Senior Principal Scientist in Scientific Solution Delivery and Architecture, Roche</p>	<p><i>Developing a digital transformation platform between numerous hospital systems to enable change</i></p> <p>Parsa Mirhaji, Director, Montefiore Center for Health Data Innovations, Chief Technology Officer, NYC Clinical Data Research Network (LV)</p>	
13:10 GMT	 <p><i>Professional Services at Elsevier</i></p> <p>Eric Gilbert, Consultant, Life Sciences, Elsevier</p>	<p>Jörg Werner, Director R&D Data Value Office, Merck Healthcare KGaA</p> <p>Tom Plasterer, Director of Bioinformatics, Data Science & AI, BioPharmaceuticals R&D, AstraZeneca</p>	<p><i>Translational medicine and data analytics using next generation platforms</i></p> <p>Karim Lekadir, Director BCN-AIM, Barcelona Centre for Artificial Intelligence in Medicine (rec).</p>	<p>PANEL: Sharing genomic data across borders-challenges faced</p> <p>Peter Goodhand, CEO, Global Alliance for Genomics and Health (GA4GH)</p>
13:30 GMT	<p><i>AI4Synthesis and Lab-of-the-Future – the next wave of digitalization in the chemistry realm</i></p>		<p><i>AI Platforms for predictive immunogenicity</i></p> <p>Monica Wang, Principal Bioinformatics Architect, Project an</p>	<p>Iris Grossman, CEO, GROSS Advantage</p>

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	Rolf Jautelat , VP Medicinal Chemistry, Bayer (rec) .		Program Manager Global Research Systems, Takeda (LV)	Fruzsina Molnár-Gábor , Group Leader, Heidelberg Academy of Sciences and Humanities Dawn Ireland , President, CDH International Joanne Hackett , General Partner Healthcare, IZY Capital
13:50 GMT	Breakout	Breakout	Breakout	Breakout
14:25 GMT	Break	Break	Break	Break
14:30 GMT	<i>Conducting Genetic Research in Space - Using NASAs GenLab genetic data to advance medical research</i> Afshin Beheshti , Bioinformatician and Principal Investigator, KBR/NASA (rec) .	<i>The COVID-19 data platform- maximising data reuse for a healthy Europe</i> Katharina Lauer , ELIXIR, Industry Officer and Coordinator of ELIXIR's COVID19 Initiative (rec) Amonida Zadissa , EMBL-EBI, Senior Scientific Services Officer and Coordinator of EMBL-EBI's COVID19 Initiative (rec) .	<i>Novel cloud architecture for testing and onboarding small AI companies into large pharma companies without compromising data and privacy</i> Sandeep Burugupalli , Senior Director, Global Medical Epidemiology Strategist, Data Center of Excellence, Pfizer .	<i>Rare diseases natural history studies for drug development</i> Marshall Summar , Chairman, National Organization for Rare Disorders (NORD) (rec) .



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14:50 GMT	xxx	xxx	 <p>Cloudera use cases for top 5 pharmaceutical organizations</p> <p>Abbas Mooraj, Managing Director, Healthcare & Life Sciences, Cloudera Mark Ramsey, Managing Partner, Ramsey International</p>	 <p><i>Using AI/NLP derived contextual causal data to explore lung cancer targets</i></p> <p>Dan Jamieson, Founder, Biorelate</p>
15:10 GMT		<p><i>Data integration in the cloud, next generation infrastructure challenges</i></p> <p>Tony Burdett, Technical Team Leader, Archival Infrastructure and Technology, EMBL-EBI (rec).</p>	<p><i>AZ's Science Data Foundation: Analytics-ready data for machine learning and AI</i></p> <p>Mathew Woodwark, Head of Data Infrastructure and Tools, Data Science and AI, AstraZeneca.</p>	<p><i>Engaging with startups to accelerate rare disease research</i></p> <p>Catherine Brownstein Assistant Professor, Harvard Medical School Scientific Director, Manton Center for Orphan Disease Research Gene Discovery Core (rec).</p>
15:30 GMT	<p><i>Data-driven Medicine: Lessons from Community-based Data Science Efforts to Fight COVID-19</i></p>	xxx	<p>PANEL: <i>The evolution of AI platforms in pharma – The business cases and challenges to adoption</i></p>	

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	Jake Chen , Chief Bioinformatics Officer, University of Alabama (LV)		Joseph Lehar , Adjunct Professor, Bioengineering and Bioinformatics, Boston University nee VP Data Science, Janssen	
15:50 GMT	<i>Molecular Insights into key mechanistic steps of an adaptive Immune Response</i> <ul style="list-style-type: none">• Computational Methods: Molecular Dynamics simulations, Markov State Modeling, and Machine Learning• Allosteric couplings found in simulated Peptide-MHCII complexes with potential applications in drug design Sebastian Stolzenberg , Project Leader, Freie Universität Berlin (Rec).	<i>A Journey to Build an Ecosystem of Data, Technology, and Culture for Insight Generation</i> Mark McCreary , Associate Director, DevSci Data Management and Curation, Genentech	Mireia Crispin , Programme Director, Center for the Governance of Change Borysiewicz Fellow, University of Cambridge Rolf Jautelat , VP Medicinal Chemistry, Bayer ASTRAZENECA RESERVATION	<i>De-risking Rare Cardiovascular Disease Drug Discovery and Development</i> Jaya Krishnan , CTO, Genome Biologics

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16:10 GMT



Integrating RWD into drug development: deriving value from a global network

Jennifer Cubino, EVP of Data Science, **BC Platforms**

Iris Grossman, CEO, **GROSS ADVANTAGE**

Jacek Nowak, Executive Medical Director, Europe Mid-Size Markets, **Amgen**

Bernard Hamelin, Global Head of Medical Evidence Generation, **Sanofi**

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16:50 GMT	Chairs Remarks Luca Finelli , VP, Head Insights Strategy & Design, Data Science and AI, Novartis
17:10 GMT	Presentation LIVE From experimental design to public dissemination of research results: Putting data science into the centre of EMBL's research and services agenda Rolf Apweiler , Director, EMBL-EBI
17:30 GMT	PANEL: Unleashing the Power of Data for Biomedical Research and Drug Development Chair: Hongmei Huang , Vice President, Genentech Rolf Apweiler , Director, EMBL-EBI Chris Lunt , Chief Technology Officer, All of Us Research Program, NIH Jacob Glanville , Founding Partner, CEO, and President, Distributed Bio Inc Lihua Yu , President/Chief Data Sciences Officer, H3 Biomedicine Inc Nuray Yurt , Executive Director, Enterprise Analytics & Data Science, Novartis Matt Brauer , Vice President, Data Science, Maze Therapeutics
18:20 GMT	The Adjacent Possible (and the All of Us Research Program) Chris Lunt , Chief Technology Officer, All of Us Research Program, NIH
18:40 GMT	Closing Remarks + Q&A Town Hall

Day 4: Thursday 12 November

	Patients and Data: Day One	Data Integration & FAIR	Analytics Platforms	Rare Diseases
08:55 GMT	<i>Producers Remarks</i>	<i>Producers Remarks</i>	<i>Producers Remarks</i>	<i>Producers Remarks</i>

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09:00 GMT	<p>DayOne Conference – Shaping the future of health (EN)</p> <p>TIME CET Program Session 1 - The patient centric approach and four bright ideas</p> <p>09:00 CET</p>		<p><i>What does genetic analysis and iTunes have in common?</i></p> <p>Oriol Canela-Xandri, Researcher Fellowship, University of Edinburgh (Rec).</p>	<p><i>Proposal of a new privacy safe approach to data access in rare disease</i></p> <p>Benoît Marchal PEPS Project Manager, Former Roche EHR4CR lead, Roche (rec).</p>
09:20 GMT	<p>09:00 CET</p> <p>Welcome Thomas Brenzikofer, Basel Area Business & Innovation and presenting partner Arcondis</p> <p>09:15 CET</p> <p>Patients first the DayOne health hack experience</p>	<p><i>Our FAIR Journey</i></p> <p>Saritha Kuriakose, Director - Data Integration & Ontologies, Novo Nordisk (rec).</p>		<p><i>Patient and their data – Understanding the patient perspective and patient organised registries</i></p> <p>Dawn Ireland, President, CDH International</p>
09:40 GMT	<p>09:45 CET</p> <p>4 bright ideas</p> <ul style="list-style-type: none"> - How to build a health data ecosystem: Nishant Sinha, Deloitte - Value based healthcare – or per aspera ad astra: Carolina Aguilar, INVALUE/Dot2Dot - Validation center: fast track for digital health: Jens Eckstein, Univ. Hospital Basel 	<p><i>ROUNDTABLE: The Value of FAIR Data</i></p> <p>Chair: Hans Constandt, CEO, Ontoforce</p>	<p><i>Using computational and mathematical techniques to study neurodegenerative diseases</i></p> <p>Yaki Setty, Director of Research, Gateway Institute for Brain Research (rec).</p>	
10:00 GMT			<p><i>Accountable, transparent, reliable and secure: an assessment framework for safe and trustworthy research</i></p>	

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	<p>- Personalized nutrition and health extension: James Baully, DSM</p> <p>10:30 CET Executive talk with Thomas Szucs, Professor University of Basel and President of the Board Helsana and speakers</p> <p>11:00 CET Break</p> <p>Session 2 - How to make it happen</p>		<p><i>platforms</i> for Innovation through Health Data(rec).</p> <p>Tom De Vree, i~HD Project Manager, The European Institute for Innovation through Health Data</p> <p>Christophe Maes, i~HD Business Development, I-HD, Project Manager, The European Institute for Innovation through Health Data (rec).</p>	
10:20 GMT	<p>11:30 CET Entrepreneurs talk and panel with Alexandra T. Greenhill, Founder Careteam Technologies (Canada) and Siva Ramamoorthy, serial entrepreneur and investor (India)</p>	<p><i>The Global Biodata Coalition</i></p> <p>Chuck Cook, Program Manager, Global Biodata Coalition (rec).</p>		<p><i>Dx29 - How patients help boosting diagnosis efficiency and cost effectiveness</i></p> <p>Pablo Botas, Head of Science, Foundation twenty-nine (rec).</p>
10:40 GMT	<p>12:15 CET How to create a digital health venture</p>	Breakout	Breakout	Breakout
11:15 GMT	<p>the DayOne approach</p>	Break	Break	Break
11:20 GMT	<p>12:30 CET Lunch break and open innovation team building</p>	<p><i>Prospective FAIRification of data on the EDISON platform</i></p>	<p><i>Common design challenges for life science software</i></p>	<p><i>Utilization of genetic resources to explore rare disease</i></p>

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	<p>Session 3 - The healthcare innovation journey experience 14:00 CET Design thinking exercise supporting 25+ project champions to start their venture journey</p>	<p>Holmfridur Thorsteinsdottir, Head Clinical & Biomarker Informatics, pRED Informatics, Roche Pharmaceutical Research and Early Development (rec).</p>	<p>Andrew Hercules, Product Design & Strategy Lead, Open Targets</p>	<p><i>phenotype/genotype connections</i></p> <p>Sandor Szalma, Global Head, Computational Biology, Takeda (rec).</p>
11:40 GMT	<p>15:30 CET Break 16:00 CET The grand final journey pitches, participants feedback and ... surprise 17:00 CEST</p>	<p><i>FAIRplus Cookbook</i></p> <p>Philippe Rocca-Serra, Group Coordinator, Data Readiness, Oxford e-Research Centre (rec).</p>	<p><i>Next generation analytics and sequencing platforms at the Mayo Clinic</i></p> <p>David Smith, Professor, Chairman of the Technology Assessment Committee, Mayo Clinic (rec).</p>	
12:00 GMT	<p>Virtual networking 18:00 CET End of conference</p>	<p><i>Insights on the FAIR Toolkit for the life science industry</i></p> <p>Ian Harrow, Project Manager, Pistoia Alliance (rec).</p>	<p><i>Treating the host response to COVID-19 with generic drugs: observations from Belgian Hospitals</i></p> <p>David Fedson, Formerly, Professor of Medicine, University of Virginia, School of Medicine,</p> <p>Luc Belmans, CEO, Medaman, BV,</p> <p>Geert Byttebier, Medical Statistician, Bioconstat BV</p>	

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12:20 GMT		<p><i>Using maturity models to support processes</i></p> <p>Oya Beyan, Group Leader FAIR data and distributed analytics, Fraunhofer (rec).</p>	<p><i>Effectiveness of herbal medications against SARS-COV-2 inflammation</i></p> <p>Mohammadreza Yazdannasab, Medical Advisor, Dayagen Pharmed (rec)</p>	<p><i>Data protection, GDPR and data sharing: the untold tale of rare diseases patient cohorts and disease registries challenges</i></p> <p>Maria Christofidou, Early Stage Researcher, European Institute for Innovation Through Health Data (i-HD) (rec).</p> <p>Nathan Lea, DPO & Information Governance Lead for i~HD – Senior Research Associate UCL (rec).</p>
12:40 GMT	Breakout	Breakout	Breakout	Breakout
13:00 GMT	Break	Break	Break	Break
13:05 GMT	Start Up Pitches			