



BioTechX Congress 2022

8-10 November 2022, Congress Center Basel, Switzerland

World Biodata Speakers

1. **Najat Khan**, Chief Data Science Officer, Global Head, Strategy and Operations, **Janssen R&D**
2. **Anne Heatherington**, Head, Data Sciences Institute and R&D Chief Data & Technology Officer, **Takeda**
3. **Tifani McCann**, VP, Chief Data & Analytics Officer, **Otsuka**
4. **Hal Stern**, VP & CIO, Pharmaceutical R&D, **Janssen**
5. **Scott Oloff**, SVP of Data & Analytics, pRED, **Roche**
6. **Thomas Senderovitz**, Senior Vice President, Data Science, **Novo Nordisk**
7. **Christopher Boone**, VP, Global Head, Health Economics & Outcomes Research, **AbbVie**
8. **Thorsten Rall**, SVP, Global Head Digital Transformation & Innovation, **Novartis**
9. **Mahesh Pancholi**, Chief Information Officer, **UK Biobank**
10. **Michelangelo Canzoneri**, Global Head of Digital and Data, Healthcare, **Merck Healthcare KGaA**
11. **Mishal Patel**, Global Head of Imaging, AI & Data Analytics, **AstraZeneca**
12. **Nuray Yurt**, Global Head, Artificial Intelligence (AI) Solutions, Global Data & Digital, **Novartis**
13. **Alexander Krupp**, Head of Global Data Assets Pharma360, **Bayer**
14. **Faisal Khan**, Corporate Vice President, Advanced Analytics, AI and RWD, **Novo Nordisk**
15. **Subha Madhavan**, Head of Data Science, Oncology R&D, **AstraZeneca**
16. **Joseph Szustakowski**, Vice President, Translational Bioinformatics, **Bristol-Myers Squibb**
17. **Gabriel Eichler**, VP, Head of Data, Data42, **Novartis**
18. **Amrik Mahal**, Global IT Head for Research, **AstraZeneca**
19. **Ramin Daron**, Head, Applied Data Sciences and Learning, Data Sciences Institute, Research and Development, **Takeda**
20. **Joachim Luthle**, Vice President – Head of Clinical Operations, Pharma R&D, **Bayer**
21. **Ravi Prasad**, Global Head, Data and AI Strategy and Operations, **Novartis**
22. **Daniel Rosenberg**, Cross-Therapy Area Head, Global Epidemiology, Janssen, **Johnson & Johnson**
23. **Caroline Schmitt**, Global Head of Enterprise Digital, **Takeda**
24. **Helena Yin Koepl**, Vice President, Global Head of Data Science & Advanced Analytics, **Bayer**
25. **Parker Moss**, Chief Commercial and Partnerships Officer, **Genomics England**
26. **Sreeram Ramagopalan**, Global Head Real-World Evidence (Market Access), **Roche**
27. **Fareed Mirza**, Global Head of Data Alliances, **AstraZeneca**
28. **Daniel Muthas**, Head of Data Science & Bioinformatics, **AstraZeneca**
29. **Thirupathi Pattipaka**, Director, RWE & Data Science, **Novartis**
30. **Dominik Geller**, Head of Group Digital Governance, **Sanofi**
31. **Rolf Jautelat**, VP Strategy & Business Transformation, **Bayer Pharmaceuticals**
32. **Victoria Gamerman**, Global Head of Data Governance and Insights, **Boehringer Ingelheim**
33. **Dorothee Bartels**, Global Head of Real World Evidence and Digital Sciences, **UCB**
34. **Khaled Sarsour**, Vice President of Real-World Evidence (RWE) Analytics and Insights, **Janssen R&D**
35. **Shubha Chaudhari**, Head of Clinical Technology Solutions, **GSK**
36. **Ultan McDermott**, Chief Scientist, Oncology, **AstraZeneca**
37. **Benjamin Li**, Head of ITRDM Biological Sample Production & Management, **Boehringer Ingelheim USA Corporation**
38. **Michel Rider**, VP, Development Digital, Data, and Analytics, **GSK**
39. **Thierry Dorval**, Head of Data Sciences & Data Management, **Servier**
40. **Peter Speyer**, Head of Customer Success, data42, **Novartis**
41. **Andrew Robertson**, VP and Head of Global Regulatory Policy and Digital Innovation, Global Regulatory Affairs, **Takeda**
42. **Stephen Pickett**, Scientific Director, **GSK**
43. **Paul Petrarò**, Executive Director, Global Head Real World Evidence Analytic (RWE), **Boehringer Ingelheim**
44. **Sonja Wewering**, Director, Head of Product & Proprietary Information, **Bayer**
45. **Alexander Goehler**, Executive Director, Precision Medicine, Imaging and AI Lead, **Novartis Institutes for BioMedical Research (NIBR)**
46. **Bonnie Kruff**, Head of Research Data & Analytics, **AstraZeneca**
47. **Autri Dutta**, Vice President, Lifecycle Leader - Informatics, **Roche Diagnostics**
48. **Maria Karasarides**, Vice President, Head Early Assets & Biomarkers, WW Medical, **Bristol Myers Squibb**
49. **Sidharth Jain**, Head of Global Development Data Science, **Janssen R&D**
50. **Caoimhe Valley-Gilroy**, Head of Digital Health & Therapeutics, **Merck KGaA**
51. **Philippe Moingeon**, Head of Therapeutic Area Immuno-Inflammation. Application of AI to drug development, **Servier**
52. **Dominik Hartl**, CMO, **Quell Therapeutics**
53. **Veit Ulshöfer**, Senior Director, Global Head of Research Informatics, **Merck KGaA**
54. **Frank Block**, Head of IT Data Science, **Roche Diagnostics**
55. **David Dellamonica**, Head, Digital and Innovation, Oncology Europe & Canada, **AstraZeneca**
56. **Joel Greshock**, Vice President of Data Sciences, Oncology, **Janssen Research & Development**
57. **Sibel Gürler**, Head of Innovation, Partnerships and Process Optimisation, WorldWide Patient Safety, **Bristol Myers Squibb**
58. **John Castle**, Chief Data Science Officer, **Monte Rosa Therapeutics**
59. **Tomas Kvedaravicius**, Senior Director, Head of Data Collaboration & Intelligence, R&D Tech, **GSK**
60. **Basker Gummadi**, Head of Digital Health, **Gilead**
61. **Sheetal Chawla**, Head of Analytics Strategy & Transformation, Global Product Strategy, **Roche**
62. **Angeli Moller**, Head of Pharma International Informatics (PIIX), **Roche**
63. **Philippe Marc**, Executive Director, Global Head of Integrated Data Sciences, **Novartis Institutes for BioMedical Research**
64. **Marco Giannitrapani**, VP of Global Data & Analytics - Go To Market, **Roche**
65. **Alexander Büsser**, Global RWE Analytics Lead, **Idorsia Pharmaceuticals**
66. **Asli Ismihan Özen**, Head of Bioinformatics & Data Mining, **Novo Nordisk A/S**
67. **William Paiva**, Managing Partner, **OLSF Ventures and**, Executive Director, **Center for Health Systems Innovation**
68. **Curtis Newkirk**, Informatics Head - Data Analytics, Pharma Commercial, Medical Affairs, Global Access, & Pharma Partnering, **Roche**
69. **Thil Batuwangala**, Head of Biopharm Discovery Data Strategy, **GSK**
70. **Alain Bindels**, Innovation & Technology Leader, **Roche**
71. **Markus Hartmann**, Head of Data Value Office, **Merck Group**
72. **Anastasia Christianson**, Vice President, R & D Business Technology, **Janssen**
73. **Christian Kramer**, Head of Computer – Aided Drug Design, **Roche**
74. **Julie Huxley-Jones**, VP of Research Solutions, **GSK**
75. **Elif Ozkirimli**, Head of Data Science and Advanced Analytics - Pharma International Data and Analytics Chapter, **Roche**
76. **Nicola Orlandi**, Executive Director Compliance, Head of Global Data Privacy, **Bausch**
77. **Enrico Santus**, Senior Lead Data Scientist, (Director, AI & ML), **Bayer**
78. **Eric Genevois-Marlin**, Head of RD Data and Data Sciences (DDS), **Sanofi**
79. **Steven Hardy**, Head of Molecular Diagnostics, National Disease Registration Service, Data Services Directorate, **NHS Digital**
80. **Anna Maria Lara Coenen-Stass**, Principal Scientist Translational Medicine, Oncology Bioinformatics, **Merck KGaA**
81. **Dan Paulson**, Senior Enterprise Architect, **AstraZeneca**
82. **Anna Pokorska-Bocci**, Associate Principal Scientist, Personalised Medicine, **Debiopharm**
83. **Han Chang**, Senior Director, Head of Late Stage Oncology, Translational Bioinformatics, **Bristol-Myers Squibb**
84. **Guglielmo Iozzia**, Associate Director - Business Tech Analysis, Machine Learning and AI, **MSD**
85. **Joanna Betts**, Head of Translational Omics, Computational Biology, **GSK**
86. **Melvin Olson**, Global Head Integrated Evidence Strategy and Innovation, **Novartis**
87. **Lili Peng**, Head, Data Sciences, External Innovation, **Biogen Research and Development**
88. **Meni Styliadou**, VP Distinguished Fellow, Data Science Institute, **Takeda R&D**
89. **Radha Krishnan**, Executive Director, Clinical Pathology Lead, **MSD**
90. **Igor Rudychev**, Vice President, Enterprise Analytics, **Horizon Therapeutics**
91. **Adrian Jonas**, Chief Analyst for the North West Region, **NHS England & Improvement**
92. **Giovanna Barcelos**, HEOR RWE Senior Manager Europe & GCC, **Global Blood Therapeutics**

93. **Rosie Richards**, Head of European Digital Research, **NHS Confederation**

94. **Claus Andersen**, Dir. Data Science, **Galapagos**

95. **Adrien Rousset**, Head of Augmented Diagnostics & Patient Identification, **Amgen**

96. **Neel Madhukar**, Chief Executive Officer, **OneThree Biotech**

97. **Carolin Schmuuedderich**, Head of GBEM & TxM Informatics, **Merck KGaA**

98. **Joerg Degen**, Global Head Early Development Informatics, **Roche Pharma Research and Early Development**

99. **Fausto Artico**, Global R&D Tech Head of Innovation and Data Science, **GSK**

100. **Govinda Bhisetti**, Principal Investigator and Head of Computational Chemistry, **Biogen**

101. **David Drake**, Drug Discovery IT Capability Lead, **AstraZeneca**

102. **Edmon Begoli**, AI Systems R&D Section Head, **Oak Ridge National Laboratory**

103. **Peter Casteleyn**, Director Clinical Data Collection Solutions, **Janssen**

104. **Aimee Deaton**, Associate Director, Human Genetics, **Alnylam Pharmaceuticals**

105. **Etzard Stolte**, Global Head Knowledge Management PT, **Roche**

106. **Teddy Sun**, Evidence Generation Lead, **Takeda**

107. **Uli Broedl**, Head of Global Clinical Development and Operations, **Boehringer Ingelheim**

108. **Michael Zaia**, Head of Medical Affairs Oncology Region Europe, **Novartis**

109. **Philippe Sanseau**, Head in Silico Target Biology, **GSK**

110. **May Govaerts**, Head of Clinical Data Solutions – EBIS, **Janssen**

111. **Saritha Kuriakose**, Director, Data Integration & Ontologies, **Novo Nordisk**

112. **Adrian Egli**, Director Institute of Medical Microbiology, **University of Zurich**

113. **Robert Di Giovanni**, Global Project Safety Lead, **Novartis**

114. **Petr Holub**, Senior IT/Data Protection Manager, **BBMRI-ERIC**

115. **Luis Prieto**, Global Real-World Evidence Director, **Novartis**

116. **Anke Eisenmann**, Principal Scientist, **Roche**

117. **Namita Misra**, Head of Multi-omics Data Scientist Team, **L'oreal R&I**

118. **Giuseppe Sollazzo**, Deputy Director NHS AI Lab, Head of AI Skunkworks & Deployment, **NHS England and NHS Improvement**

119. **Srikanth Ramakrishnan**, Director, Pharmaceutical R&D, Intelligent Automation & Analytics, **Johnson & Johnson**

120. **Dave Hurry**, Head, Data Services and Content Delivery, **Takeda R&D**

121. **Ben Gardner**, Product Owner for Data Mesh and Semantic Infrastructure, **AstraZeneca**

122. **Alex Sherman**, Director, Center for Innovation and Bioinformatics Neurological Clinical Research Institute, **Massachusetts General Hospital**

123. **Cedric Berger**, Head of Knowledge Extraction and Integration - Meaning Based Computing, **Roche**

124. **Dennis Madsen**, Principal Scientist, Bioinformatics and Data mining, **Novo Nordisk**

125. **Mark Ibberson**, Director, Vital-IT Competence Center in Bioinformatics, **SIB Swiss Institute of Bioinformatics**

126. **Paul Agapow**, Director, **GSK**

127. **Boris Adryan**, HDD - Digital & Data Capability Building Lead, **Merck Healthcare KGaA**

128. **Thomas Jung**, Head R&D IT, **Syngenta**

129. **Mohamed-Ramzi Temanni**, Scientific Director, Head of France AI/Genomics, Computational Science, **Janssen**

130. **Aman Thukral**, Head of Digital Operations and Clinical Systems, **AbbVie**

131. **Paul Rankin**, Head of Data Management Platforms, **Roche Diagnostics**

132. **Elton Rexhepaj**, Data Scientist - AIDA (Artificial Intelligence and Deep Analytics R&D department), **Sanofi**

133. **Jost Leemhuis**, Head of Safety Science, **Roche**

134. **Angelika Fuchs**, Head of Discovery Informatics, **Roche**

135. **Kelsey Linsmeier**, Data Science Program Lead, **AbbVie**

136. **Derek Marren**, Principal IT Business Manager, Pre-clinical Capability, **AstraZeneca**

137. **Omar Khawaja**, Head of BI & Analytics, **Roche Diagnostics**

138. **Sotirios Perdikeas**, Senior Principal Scientist and People Coach, Predictive Modelling and Data Analytics, R&D, **Roche**

139. **David Luedeker**, Principal Scientist, **Merck Group**

140. **Michael Peter Langner**, Head of Business Unit, Healthcare Industries, **Fraunhofer Institute for Manufacturing Engineering and Automation IPA**

141. **Justin Lecher**, Manager High Performance & Scientific Computing, **AstraZeneca**

142. **Paolo Piraino**, Innovation Manager (STM), Data Science and Analytics, **Bayer**

143. **David Herzig**, Senior Scientist - Research Informatics, **Roche**

144. **Florian Nigsch**, Associate Director Data Science, **Novartis Institutes for BioMedical Research (NIBR)**

145. **Cindy Novak**, Senior Manager, Lab Computing Systems, **Bristol Myers Squibb**

146. **Magdalena Wienken**, Associate Director Data Ops & Governance, **AstraZeneca**

147. **Florent Hassen**, Global Data Science & Artificial Intelligence Lead, **Roche**

148. **Yves Fomekong Nanfack**, Director, Head of Operations Digital Biologics Platform, **Sanofi**

149. **Lada Leyens**, Global Regulatory lead - Clinical Trial Innovation and Digital Health – PHC, **Roche**

150. **Magda Zwierzyna**, Lead AI/ML Scientist & Esprit Associate (R&D), Vx R&D, Vaccine Projects and Digital Sciences, **GSK**

151. **Darryl Davis**, Senior Director, **AstraZeneca**

152. **Daniel Butnaru**, Head of Scientific Solution Engineering & Architecture, **Roche**

153. **Luísa Queirós**, Global Access Evidence Lead, **Roche**

154. **Miika Ahdesmaki**, Director, Early Computational Oncology, **AstraZeneca**

155. **Johannes Galatsanos**, Head of Data, Lean Digital Core, ERP Transformation, **Novartis**

156. **François-Xavier Chalet**, Health Economics Specialist, **Idorsia**

157. **Trevor Howe**, Head, Translational Genomics, **Johnson & Johnson**

158. **John Chan**, Head, ShinrAI Center for Artificial Intelligence/ Machine Learning, **Takeda**

159. **Sarion Bowers**, Head of Policy, **Wellcome Sanger Institute**

160. **Markus Hinder**, Head Patient Safety, **Novartis**

161. **Heide Stirnadel-Farrant**, TA Evidence Strategy Lead, Immunology, **AstraZeneca**

162. **Sonia Houston Pichardo**, Business Lead of MyStudyWindow, **Boehringer Ingelheim**

163. **Moritz Saxenhofer**, Senior Translational Scientist, **CSL Behring**

164. **Daniel- Joseph Price**, Head of Excipient Solid Application, **Merck KGaA**

165. **Andrea Derix**, Sr. Global Program Head, **Bayer**

166. **Yuliya Nigmatullina**, Biomedical Data Sourcing Lead, **UCB**

167. **Christoph Huels**, Internal Entrepreneur in Action, **Merck KGaA**

168. **Holmfridur Thorsteinsdottir**, Head Clinical & Biomarker Informatics, **Roche**

169. **Marion Legler**, Head of Decision Science & Advanced Analytics for Medical Affairs, Pharmacovigilance & Regulatory Affairs, **Bayer**

170. **Ralph Haffner**, Head of Information Products and Data Sciences, **Novartis Institutes for BioMedical Research (NIBR)**

171. **Vincent Mikol**, Precision Medicine Head, Rare Blood & Neurological Diseases, **Sanofi**

172. **Nils Weskamp**, Associate Director Computational Chemistry (Data Science), **Boehringer Ingelheim**

173. **Christophe Chabbert**, Senior Scientist, Data Integration and ML Ops, **Roche**

174. **Bulent Kiziltan**, Head, Causal & Predictive Analytics, **Novartis**

175. **Darren Talbot**, Global Value & Access, Senior Director, **Idorsia**

176. **Tine Lewi**, Scientific Director - Patient Data for Research, Clinical Innovation, **Janssen Research & Development**

177. **Jobst Loeffler**, Product Owner, Digital Transformation & IT Pharma, **Bayer**

178. **Nareen Katta**, Head of Clinical Analytics, **AbbVie**

179. **Dimitris Polychronopoulos**, Senior Data Scientist, **AstraZeneca**

180. **Mark Doerr**, Senior Scientist, **University Greifswald**

181. **Santha Ramakrishnan**, Global Data Governance Lead, **Sanofi**

182. **Arndt Finkelmann**, RnD IT Operations Lead, **Syngenta Crop Protection AG**

183. **Thierry Lavé**, Head Project Leaders and M&S, **Roche**

184. **Daniel Sabanés Bové**, Senior Principal Statistical Programmer Analyst, **Roche**

185. **Yang Yang**, Principle Scientist, **Novartis**

186. **Martin Urban**, Data Governance Manager, **Boehringer Ingelheim**

187. **Ian Pepper**, Director of Innovation, **Novartis**

188. **Erwan Muros-Le Rouzic**, Senior Principal RWD Scientist/Epidemiologist, **Roche**

189. **Martin Romacker**, Senior Principal Scientist in Scientific Solution Delivery and Architecture, **Roche**

190. **Julie Woodland**, Head of Strategic Planning and Business Implementation, **AstraZeneca UK Ltd**

191. **Andreas Steinbacher**, Lead Discovery Informatics Data Management, **Roche**

192. **Bjorn Schuller**, Professor of AI & Chair of Embedded Intelligence for Health Care and Wellbeing, **Imperial College London and University of Augsburg**

193. **Benjamin Gutierrez Becker**, R&D Imaging Data Analysis Expert, **Roche**

194. **ChuangKee Ong**, Associate Director, Lead Information Architecture, (Early Science), **AstraZeneca**

195. **Björn Hüber**, Senior Principal Scientist Data Science - Data Management, **NIBR Biologics Center**

196. **Drazen Nadoveza**, Technical Product Lead - Senior Principal Software Engineer, **Novartis Institutes for BioMedical Research**

197. **Martina von Meyenn**, Global Medical Chapter Lead, Real World Evidence, **Roche**

198. **Michel Dumontier**, Distinguished Professor of Data Sciences and Co-Founder of The Fair Data Principles, **Maastricht University**

199. **Vidya Breeveld**, Founder, **Transmineo**

200. **Arne Müller**, AD & Senior Principal Data Scientist in Clinical Digital Endpoints, **Novartis**

201. **Arndt Schmitz**, Senior Technology Expert, **Bayer**

202. **Alexander Jarasch**, Head of Data and Knowledge management, **German Center for Diabetes Research (DZD)**

203. **Jake Chen**, Chief Bioinformatics Officer, Heersink School of Medicine, **University of Alabama at Birmingham**

204. **Matthias Antonin**, Innovation Lead Medical Practice, Neuroscience, **Roche**

205. **Marco Roos**, Associate Professor and leader of the Biosemantics research, **Leiden University Medical Centre**

206. **Nadir Ammour**, Global Lead, External Engagement for Clinical Innovation Office, **Sanofi**

207. **Olivier Roche**, Data Integration Product Lead, **Roche**

208. **Sergio Cuesta**, Senior Data Scientist in Bioinformatics, **AstraZeneca**

209. **Volker Bruns**, Group Manager Medical Image Processing, **Fraunhofer IIS**

210. **Felipe Albrecht**, Senior Scientist, Discovery Informatics, Lab Automation & Data Handling, **Roche**

211. **Tanja Stamm**, Head of Section for Outcomes Research, **Medical University of Vienna**

212. **Marcos Gallego Lorente**, Adjunct Professor, Research Director, Innovation, Sustainability and the Future of Healthcare, **IE University**

213. **Andy Phillips**, Head of Digitisation, Pharmaceutical Sciences, **AstraZeneca**

214. **Nicolas Bernsmeier**, Senior Strategist, **Bayer**
215. **George Lee**, Associate Director, Digital Pathology, **Bristol Myers Squibb**
216. **Sanjoy Paul**, Real World Evidence Leader – Oncology, **AstraZenca**
217. **Tao Xu**, Senior Data Scientist, **Roche**
218. **Mieke Van Hemelrijck**, Professor in Cancer Epidemiology, **King's College London**
219. **Richard Houghton**, Associate Group Director, Real World Data Science, **Roche**
220. **Moritz Freidank**, Product Engineering Expert, **Novartis**
221. **Prakash Rathi**, Augmented Drug Design Engineering Lead, **AstraZeneca**
222. **Valérie Barbié**, Director Clinical Bioinformatics, **SIB Swiss Institute of Bioinformatics**
223. **David Heard**, Global Program Director, **Novartis**
224. **Hugo Ceulemans**, Scientific Director Discovery Data Sciences, **The Janssen Pharmaceutical Companies of Johnson & Johnson**
225. **Gian Prakash**, Director Data Engineering, **AbbVie**
226. **Leslie Fendt**, Digital Health Product Leader, **Roche**
227. **Jean-Pierre Hubaux**, Full Professor **EPFL** Co-founder, **Tune Insight**.
228. **Michael Rebhan**, Associate Director, **Novartis**
229. **Roman Engel**, Head of Agile Document Flow, **Roche**
230. **Lee Wen**, CEO, **Action Against AMD**
231. **Pekka Kahri**, Technology Officer, **HUS**
232. **Sabine Österle**, Team Lead Data Interoperability, **SIB Swiss Institute of Bioinformatics**
233. **Urs Frey**, President, **SPHN National Steering Board**
234. **Katrin Cramer**, Director Personalised Health Informatics, **SIB Swiss Institute of Bioinformatics**
235. **George Papadatos**, Global Head of Data Strategy and Data Assets, **Syngenta**
236. **Adrianto Wirawan**, Omics Engineer Lead, **AstraZeneca**
237. **Dimitris Vitsios**, Associate Director, Data Science & Genomics, **AstraZeneca**
238. **Zhihao Ding**, Head of Human Genetics, **Boehringer Ingelheim**
239. **Pierre Farmer**, Head, in silico Lead Discovery Basel, **Novartis**
240. **Jennifer Cham**, Product Designer, Enterprise Business Computing, **CERN**
241. **Silvia Jimenez**, Senior Scientist, **Roche**
242. **Naghme Ghazaleh**, Senior Data Scientist, **Roche**
243. **Harpreet Singh**, Head Scientist Biomedical Informatics Division, **Indian Council of Medical Research**
244. **Andrew Ngyuen**, Medical informatic Architect, **Roche**
245. **Lukasz Kaczmarek**, Data Architect, **Roche**
246. **Hugette Diakabana**, WHO Digital Solutions Clearinghouse Workstream, **WHO**
247. **Marcel Mohr**, Scientist Digital Toxicology, **Sanofi**

Genomics Live Speakers

1. **Slavé Petrovski**, VP, Centre for Genomics Research, **AstraZeneca**
2. **Nadeem Sarwar**, Global Head, Genomic Strategies & Global Head, Digital Therapeutics (DTx) Strategies, **Eisai EMEA**
3. **Marc Sultan**, Head Genetics & Genomics, Pharmaceutical Research and Early Development, **Roche**
4. **Karine Sargsyan**, Managing Director of international Biobanking, **Medical University of Graz**
5. **Gregg Talbert**, Senior Vice President, Head of Personalized Healthcare and Digital Partnering, **Roche**
6. **Sebastian Wasilewski**, Senior Director, Genome Informatics, **AstraZeneca**
7. **Hakan Sakul**, Vice President and Head of Diagnostics, **Pfizer**
8. **Sue Hill**, CSO, **NHS England**
9. **Paul Nioi**, Vice President, Discovery and Translational Research, **Alnylam Pharmaceuticals**
10. **Ralph Knöll**, Chief Scientist, **AstraZeneca**
11. **Richard Siegel**, Global Head, Translational Medicine, Co-Head, integrated Translational Research, Autoimmunity, Transplantation and Inflammation, **Novartis**
12. **Dawid Walas**, Global Head of Omics R&D, **Merck Group**
13. **Carolina Haefliger**, Head Translational Medicine, **Debiopharm**
14. **Sandra Smieszek**, Head of Genetics, **Vanda Pharmaceuticals Inc**
15. **Caroline Gubser Keller**, Global Head Chemical Biology & Therapeutics Data Science, **Novartis Institutes for BioMedical Research**
16. **Patrick Short**, CEO, **Sano Genetics**
17. **Richard Scott**, Chief Medical Officer, **Genomics England**
18. **Sandor Szalma**, Global Head, Computational Biology, **Takeda**
19. **Jan Christoph Brase**, Global Biomarker Diagnostic Leader, **Novartis**
20. **Jason Hipp**, Chair, Division of Clinical Informatics, Laboratory Medicine & Pathology, **Mayo Clinic**
21. **Thomas Hach**, Executive Director, Patient Engagement Cardiovascular, Renal & Metabolism, **Novartis**
22. **Christian Ruiz**, Head Diagnostic Laboratory Department, Co-Director Research Department Pathology, **University Hospital Basel**
23. **Scott Chandler**, Global Head, Personalized Health Care (PHC) Safety, **Roche**
24. **Sarah Harris**, Head, GI and Neurology Disease Teams, Translational Medicine, **Bristol Myers Squibb**
25. **Susan Gregurick**, Associate Director for Data Science, **National Institutes of Health**
26. **Simone Picelli**, Head of Single Cell Genomics Platform, **IOB**
27. **Patrick Kleyn**, Senior Vice President, Translational Research & Development, **Rhythm Pharmaceuticals**
28. **Ziv Bar-Joseph**, Head, R&D Data and Computational Sciences, **Sanofi**
29. **Stefan Kirsch**, Head Innovative Molecular Technologies & Biomarker Discovery, Division of Personalized Tumor Therapy, **Fraunhofer ITEM**
30. **Catherine Alix-Panabieres**, Head of Circulating Rare Cells Laboratory, **CHRU Montpellier**
31. **James Broach**, Director of The Penn State Institute for Personalized Medicine, **Penn State College**
32. **Vijay Tiwari**, Professor and Group Head, Genomics and Data Science in Precision Medicine Laboratory, **Wellcome-Wolfson Institute for Experimental Medicine**
33. **Ronny Baber**, Head of the LIFE-Biobank and Preanalytical Laboratory, **University Hospital Leipzig**
34. **Dunstan Rajendram**, Senior Scientist, **UK Health Security Agency**
35. **Luke Ward**, Associate Director, Human Genetics, **Alnylam Pharmaceuticals**
36. **Delali Attipoe**, COO, **54gene**
37. **Colm O'Dushlaine**, Vice President, Genomics and Data Science, **54gene**
38. **Stefan Bekiranov**, Associate Professor, **University of Virginia**
39. **Kate Kernan**, Assistant Professor of Critical Care Medicine, Department of Critical Care Medicine, **Children's Hospital of Pittsburgh of UPMC**
40. **Tobias Bergauer**, Deputy Head Genetics & Genomics, **Roche**
41. **Patrick Descombes**, Head of Genomics, **Nestlé**
42. **Stephan Frank**, Head Neuropathology, **University Hospital Basel**
43. **Nikolas Stoecklein**, Professor for Experimental Surgical Oncology, **Heinrich-Heine University Düsseldorf (HHU)**
44. **Sam Hanash**, Director, **Red & Charline McCombs Institute for the Early Detection and Treatment of Cancer**, **The University of Texas MD Anderson Cancer Center**
45. **Bernhard Polzer**, Group Head of Cellular and Molecular Diagnostics, **Fraunhofer ITEM**
46. **Gina Fioretti**, Executive Director of Genomics, **Reкуро Health**
47. **Andrea Grioni**, Senior Data Scientist, **Novartis Institutes for BioMedical Research**
48. **Ailsa Craig**, Physician, **Lausanne University Hospital**
49. **Bilgin Osmanodja**, Physician, **Charité**
50. **Chris Lunt**, Chief Technical Officer, All of Us Program, **NIH**
51. **Hendrik Marks**, Assistant Professor and Group Leader, **Radboud University Hospital**
52. **Klaus Pantel**, Chairman and Professor of Medicine, **Institute for Tumor Biology University of Hamburg**
53. **Graham Ball**, Professor of Bioinformatics, **Nottingham Trent University**
54. **Tom Valentin**, Group Leader - Sample Handling & Sensing, **CSEM**
55. **Stephan Schuster**, Director, **Genome Asia 100k**
56. **Raffaele Calogero**, Professor, **University of Torino**
57. **Mike Makrigiorgos**, Professor for Department of Radiation Oncology, **Dana Farber and Harvard Medical School**
58. **Bojana Djordjevic**, Staff Pathologist, Gynaecologic Pathology Section Lead, **Sunnybrook Health Sciences Centre, University of Toronto**
59. **Grzegorz Sienski**, Principal Scientist, **AstraZeneca**
60. **Marianna Kruthof-De Julio**, Head of Urology Research Laboratory and Clinical Research and Director of Organoid Core, **University of Bern**
61. **Jens Habermann**, Director General, Biobanking and BioMolecular resources Research Infrastructure - **European Research Infrastructure Consortium (BBMRI-ERIC)**
62. **Said Ismail**, Director of Qatar Genome Programme, **Qatar Foundation**
63. **Michael Oellerich**, Professor, **University Medical Center Göttingen, George-August-University Göttingen**
64. **Danilo Maddalo**, Group Leader - Translational Oncology, **Genentech**
65. **Ge Tan**, Senior Expert, **Novartis Institutes for BioMedical Research**
66. **Achim Kless**, Pain Genetics Lead, Discovery Neuroscience Research, Neuroscience Genetics, **Eli Lilly and Company Ltd**
67. **Bettina Amberg**, pHd Student, **Roche**
68. **Ciara Vangjeli**, Genetics Lead Director, **UCB**
69. **Jonathan Mitchell**, Genome Analyst, **AstraZeneca**
70. **Philipp Schatz**, Global Regulatory Strategist – IVD, **Bayer**
71. **Dirk Paul**, Senior Director, CVRM Genomics Therapy Area, **AstraZeneca**
72. **Csilla Sipeky**, Genetics Lead, Associate Director, Professor Associate, Translational Medicine, **UCB**
73. **Jan Hoffmann**, Precision Medicine Partner, **Roche**
74. **Ulrike Sommer**, Senior Principal Scientist, **Novartis Institutes for BioMedical Research**
75. **Timothy Schatz**, Medical Director, Biomarkers and Diagnostics, **AstraZeneca**
76. **Michael Pfaffl**, Professor in Molecular Physiology, **Technical University of Munich**
77. **Stefan Habringer**, Physician/Scientist, **Charité**
78. **Athanasios Kousathanas**, Principal Genomics Data Scientist, **Genomics England**
79. **Evi Lianidou**, Professor of Analytical Chemistry, **University of Athens**

80. **Matthew Neville**, PhD Candidate, **The Wellcome Sanger Institute**
81. **Ramona Walls**, Associate Director of Data Science, **Critical Path Institute**
82. **Pieter Mestdagh**, Professor, **Ghent University**
83. **Michael Uhlin**, Head of Department + IT, **Karolinska University Hospital**
84. **Zsolt Illes**, Professor, **Odense University Hospital**
85. **Christina Homberger**, Scientist NGS (Single Cell Genomics), **Julius-Maximilians-Universität Würzburg**
86. **Zhongyi Wang**, Senior Expert Data Science, **Novartis**
87. **Saumyaa Saumyaa**, Senior Research Scientist, **AstraZeneca**
88. **Vivek Das**, Senior Research Scientist, **Novo Nordisk**
89. **Emily Wong**, Senior Scientist, Computational Biology, **Takeda**
90. **Miljana Tanic**, Senior Research Associate – Principal Investigator, **IORS**
91. **Stefano Papazian**, Head of Exposomics, **SciLifeLab**
92. **Panagiotis Chouvardas**, PostDoc Researcher Computational Biologist, **University of Bern**
93. **Daniel Schraivogel**, Research Staff Scientist, **EMBL**
94. **Jan Baumann**, Principal Scientist, Research and Lab Informatics, **Merck KGaA**
95. **Mona Wang**, PhD Candidate in Cancer Studies, **Technical University Munich**
96. **Catherine Kibirige**, Research Scientist, **Imperial College London**

Advisory Board:

1. **Chair: Alexander Krupp**, Head of Global Data Assets Pharma360, **Bayer**
2. **Peter Speyer**, Head of Customer Success, data42, **Novartis**
3. **Sonja Wewering**, Director, Head of Product & Proprietary Information, **Bayer**
4. **Dominik Hartl**, CMO, **Quell Therapeutics**
5. **David Dellamonica**, Head, Digital and Innovation, Oncology Europe & Canada, **AstraZeneca**
6. **Delali Attipoe**, COO, **54gene**
7. **Scott Chandler**, Global Head, Personalized Health Care (PHC) Safety, **Roche**
8. **Dorothee Bartels**, Global Head of Real-World Evidence and Digital Sciences, **UCB**

Day One – Tuesday 8th November 2022

BIODATA WORLD CONGRESS		GENOMICS LIVE	
08:40	Unlocking the power of data science to change the trajectory of human health Chair: Najat Khan , Chief Data Science Officer, Global Head, Strategy and Operations, Janssen R&D	08:55	Chair Remarks: Slavé Petrovski , VP, Centre for Genomics Research, AstraZeneca
09:00	Bringing Data, Digital and Technology into Research & Development Anne Heatherington , Head, Data Sciences Institute and R&D Chief Data & Technology Officer, Takeda	Large-scale data collaboration across industry and public sector: Creating a gold standard reference repository of genetic data to fuel medical research Sebastian Wasilewski , Senior Director, Genome Informatics, AstraZeneca	
09:20		Sponsor presentation	
09:40		Fostering entrepreneurship in pharma to drive innovation across genomics, data science and digital health Nadeem Sarwar , Global Head, Genomic Strategies & Global Head, Digital Therapeutics (DTx) Strategies, Eisai EMEA	
10:00	Panel Discussion: How Data Centric approaches are transforming the Life Sciences Industry? Chair: Berenice Wulbrecht , VP Solution Delivery, Ontoforce Panellist: Najat Khan , Chief Data Science Officer, Global Head, Strategy and Operations, Janssen R&D Angeli Moller , Head of Pharma International Informatics (PIIX), Roche Mahesh Pancholi , Chief Information Officer, UK Biobank Faisal Khan , Corporate Vice President, Advanced Analytics, AI and RWD, Novo Nordisk Ravi Prasad , Global Head, Data and AI Strategy and Operations, Novartis	Panel Panellist: Gregg Talbert , Senior Vice President, Head of Personalized Healthcare and Digital Partnering, Roche	

10:40 Networking Break

	pharmAI			CHEMINFORMATICS LIVE	BIODATA WORLD CONGRESS							GENOMICS LIVE			
	Image Analysis	AI in Drug Development	NLP	Cheminformatics	Big Data in Oncology	Analytics Platforms	Data Integration + FAIR	Bioinformatics +In Silico R&D	Data Management, Storage and Architecture	Digital Transformation	Real World Evidence	Single Cell Genomics	Liquid Biopsy	Companion Diagnostics	Population Genomics
11:40	Chair remarks: Mishal Patel , Global Head of Imaging, AI & Data Analytics, AstraZeneca	Chair remarks: Neel Madhukar , Chief Executive Officer, OneThree Biotech	Chair remarks: Darryl Davis , Senior Director, AstraZeneca	Chair remarks	Chair remarks: Amrik Mahal , Global IT Head for Research, AstraZeneca	Chair remarks: Daniel Butnaru , Head of Scientific Solution Engineering & Architecture, Roche	Chair remarks: Felipe Albrecht , Senior Scientist, Discovery Informatics, Lab Automation & Data Handling, Roche	Chair remarks: Joseph Szustakowski , Vice President, Translational Bioinformatics, Bristol-Myers Squibb	Chair remarks: Dan Paulson , Senior Enterprise Architect, AstraZeneca	Chair remarks: Cindy Novak , Senior Manager, Lab Computing Systems, Bristol Myers Squibb	Chair remarks: Khaled Sarsour , Vice President of Real-World Evidence (RWE) Analytics and Insights, Janssen R&D	Chair remarks: Caroline Gubser Keller , Global Head Chemical Biology & Therapeutics Data Science, Novartis Institutes for BioMedical Research	Chair remarks: Hakan Sakul , Vice President and Head of Diagnostics, Pfizer	Chair remarks: Christian Ruiz , Head Diagnostic Laboratory Department, Co-Director Research Department Pathology, University Hospital Basel	Chair remarks: Thomas Hach , Executive Director, Patient Engagement Cardiovascular, Renal & Metabolism, Novartis
11:45	Exploring the role of image analysis in predictive biomarkers Radha Krishnan , Executive Director, Clinical Pathology Lead, MSD	Machine learning to identify adverse effects in scientific literature Sonja Wewering , Director, Head of Product & Proprietary Information, Bayer	Meaning based computing beyond NLP: Integration of text-based information in digital business for faster knowledge transfer Cedric Berger , Head of Knowledge Extraction and Integration - Meaning Based Computing, Roche	Presentation	Using Big Data and Predictive Analytics to Determine Patients' Profile/Risk in Oncology David Dellamonica , Head, Digital and Innovation, Oncology Europe & Canada, AstraZeneca	Operational implementation of machine learning: Practical learnings and challenges Christophe Chabbert , Senior Scientist, Data Integration and ML Ops, Roche	FAIR in action – Accelerating Data Integration Using FAIR Approaches Martin Romacker , Senior Principal Scientist in Scientific Solution Delivery and Architecture, Roche	In silico target identification for drug discovery Philippe Sanseau , Head in Silico Target Biology, GSK	Biological sample registration and management: Integrating data workflows Benjamin Li , Head of ITRDM Biological Sample Production & Management, Boehringer Ingelheim USA Corporation	Experiences of Digital Transformation within Pharmaceutical Sciences Andy Phillips , Head of Digitisation, Pharmaceutical Sciences, AstraZeneca	Building a Network of RW Data in Rare Eosinophilic Diseases (EDs) Heide Stirnadel Farrant , TA Evidence Strategy Lead, Immunology, AstraZeneca	Miniaturized and automated transcriptomics of clinical rare cell samples Stefan Kirsch , Head Innovative Molecular Technologies & Biomarker Discovery, Division of Personalized Tumor Therapy, Fraunhofer ITEM	Liquid biopsy: From discovery to clinical application Catherine Alix-Panabieres , Head of Circulating Rare Cells Laboratory, CHRU Montpellier	Novel approaches to structural genomic variation James Broach , Director of The Penn State Institute for Personalized Medicine, Penn State College	Innovation in Genomic Medicine: Insight from Africa Delali Attipoe , COO, 54gene Colm O'Dushlaine , Vice President, Genomics and Data Science, 54gene
12:05				has proposal 	Sponsor										
12:25	Digital Pathology Biomarkers for Immuno Oncology George Lee , Digital Pathology Informatics Lead	Prediction of SAE Under Reporting in Ongoing Clinical Studies David Heard , Global Program Director, Novartis	AI for Medical Coding Marion Legler , Head of Decision Science & Advanced Analytics for Medical Affairs, Pharmacovigilance &	Moving towards integrated DMTA cycles Nicolas Bernsmeier , Senior Strategist, Bayer	Big Data to Improve Cancer Patient Experience Mieke Van Hemelrijck , Professor in Cancer Epidemiology, King's College London	Federated analysis for biomarker discovery and beyond Mark Ibberson , Director, Vital-IT Competence Center in Bioinformatics,	Data integration at work: Use cases from Novartis Philippe Marc , Executive Director, Global Head of Integrated Data Sciences, Novartis Institutes for BioMedical Research (NIBR)	Community-based team data science platform with U-BRITE Jake Chen , Chief Bioinformatics Officer, Heersink School of	Handling Sensitive Patient Data Across Switzerland Valérie Barbié , Director Clinical Bioinformatics,	How can digital technologies support patient care pathway optimisation Marcos Gallego Llorente , Adjunct Professor, Research Director,	RWE in Rare Diseases: Pulmonary Hypertension Daniel Rosenberg , Cross-Therapy	Strategic use of single cell and tissue genomic applications in drug development Tobias Bergauer , Deputy Head Genetics & Genomics, Roche	Chances and challenges for high volume liquid biopsy Nikolas Stoecklein , Professor for Experimental Surgical	Phenome-wide association study of clonal haematopoiesis somatic mutations in 422,456 UK Biobank participants	Advances in genomic medicine: Enabling new capabilities for personalised care

	and Data Scientist, Bristol Myers Squibb		Regulatory Affairs, Bayer			SIB Swiss Institute of Bioinformatics		Medicine, University of Alabama at Birmingham	SIB Swiss Institute of Bioinformatics	Innovation, Sustainability and the Future of Healthcare, IE University	Area Head, Global Epidemiology, Janssen, Johnson & Johnson		Oncology, Heinrich-Heine University Düsseldorf (HHU)	Jonathan Mitchell, Genome Analyst, AstraZeneca	Scott Chandler, Global Head, Personalized Health Care (PHC) Safety, Roche
12:45				Sponsor	Sponsor				has contract	'Have you ever wondered what lies beyond AI hype? Lessons learned from AI projects in precision medicine'					
13:05	Empowering pathologists with AI authoring Volker Bruns, Group Manager Medical Image Processing, Fraunhofer IIS	Trustworthy AI for pharmaceutical research Tao Xu, Senior Data Scientist, Roche	Using NLP to improve patient outcomes Elif Ozkirimli, Head of Data Science and Advanced Analytics - Pharma International Data and Analytics Chapter, Roche	Developing AI tools that are accessible to chemists Nils Weskamp, Associate Director Computational Chemistry (Data Science), Boehringer Ingelheim	Using Big Data across the NHS and healthcare providers to improve patient outcomes in cancer Steven Hardy, Head of Molecular Diagnostics, National Disease Registration Service, Data Services Directorate, NHS Digital	Diagnosing COVID-19 through audio AI Bjorn Schuller, Professor of AI & Chair of Embedded Intelligence for Health Care and Wellbeing, Imperial College London and University of Augsburg	Leveraging EHR data across multiple hospitals to support integrated research platforms Nadir Ammour, Global Lead, External Engagement for Clinical Innovation Office, Sanofi	helios: R-package for targeted exome sequencing data analysis Daniel Sabanés Bové, Senior Principal Statistical Programmer Analyst, Roche	Connecting Clinical Trials to Real World Data Gian Prakash, Director of Data Engineering, AbbVie	Companion Digital Products to Create a Digital Ecosystem for Patients: Treating the Holistic Person Caoimhe Valley-Gilroy, Head of Digital Health & Therapeutics, Merck KGaA	Patient held EHR: Empowering citizens to track their health and ensuring consent based access to RWD Dominik Geller, Head of Group Digital Governance, Sanofi	Cardiac single cell analysis and novel therapies Ralph Knöll, Chief Scientist, AstraZeneca	Clinical application of single cell analysis in liquid biopsy Bernhard Polzer, Group Head of Cellular and Molecular Diagnostics, Fraunhofer ITEM	Regulatory Considerations for Cx for Medicinal Products in Oncology and Cell and Gene Therapy Philipp Schatz, Global Regulatory Strategist – IVD, Bayer	Achieving greater genomic diversity in America: More diversity more learning Chris Lunt, Chief Technical Officer, All of Us Program, NIH

13:25

Networking Lunch and Invite only Lunchtime workshop (Room Mexico – 2nd Floor)

14:25	Chair remarks	Chair remarks: Bonnie Kruff, Head of Research Data & Analytics, AstraZeneca	Chair remarks	Chair remarks: Christian Kramer, Head of Computer – Aided Drug Design, Roche	Chair remarks: Autri Dutta, Vice President, Lifecycle Leader - Informatics, Roche Diagnostics	Chair remarks: Thil Batuwangala, Head of Biopharm Discovery Data Strategy, GSK	Chair remarks: George Papadatos, Global Head of Data Strategy and Data Assets, Syngenta	Chair remarks	Chair remarks: Andreas Steinbacher, Lead Discovery Informatics Data Management, Roche	Chair remarks: Christoph Huels, Internal Entrepreneur in Action, Merck KGaA	Chair remarks: Tifani McCann, VP Chief Data & Analytics Officer, Otsuka	Chair remarks: Vivek Das, Senior Research Scientist, Novo Nordisk	Chair remarks: Sam Hanash, Director, Red & Charline McCombs Institute for the Early Detection and Treatment of Cancer, The University of Texas MD Anderson Cancer Center	Chair Remarks: Carolina Haefliger, Head Translational Medicine, Debiopharm	Chair remarks: Cilla Sipeky, Genetics Lead, Associate Director, Professor Associate, Translational Medicine, UCB
14:30	Image analysis for liver disease Benjamin Gutierrez Becker, R&D Imaging Data Analysis Expert, Roche	Presentation (ask causally for a customer) Fausto Artico, Global R&D Tech Head of Innovation and Data Science, GSK	NLP extraction of entities from long text forms in a complex world Stephen Pickett, Scientific Director, GSK	Platforms For Automated Designs Stephen Pickett, Scientific Director, GSK	Presentation Justin Lecher, Manager High Performance & Scientific Computing, AstraZeneca	Scaling-up analytics platforms to serve the heterogeneous needs of a pharma company Ben Gardner, Product Owner for Data Mesh and Semantic Infrastructure, AstraZeneca	Building Knowledge Graphs Across Clinical Data Ulta McDermott, Chief Scientist, Oncology, AstraZeneca	Functional genomics for novel target discovery in cancer: Valuable learnings from the CRUK and AstraZeneca partnership Ulta McDermott, Chief Scientist, Oncology, AstraZeneca	Cells 2.0 Anke Eisenmann, Principal Scientist, Roche	How to Improve Patients Outcome With Digital Health David Herzog, Senior Scientist - Research Informatics, Roche	Establishing a platform for evidence generation: Achieving greater automation to increase speed, cost-savings and the quality of evidence Alexander Büsler, Global RWE Analytics Lead, Idorsia Pharmaceuticals	Sparsely Connected Autoencoders: a multi-purpose tool for single cell OMICS analysis Raffaele Calogero, Professor, University of Torino	Exploring the challenges of early cancer detection Klaus Pantel, Chairman and Professor of Medicine, Institute for Tumor Biology University of Hamburg	Companion diagnostics for homologous recombination repair in oncology Timothy Schatz, Medical Director, Biomarkers and Diagnostics at AstraZeneca	The effects of climate change on modern human populations visualised by genomics Stephan Schuster, Director, Genome Asia 100k
14:50	Sponsor			Sponsor	has proposal							Sponsor	Sponsor		Sponsor
15:10	Multi-model imaging and genomic machine learning for cancer Parker Moss, Chief Commercial and Partnerships Officer, Genomics England	AI for target discovery: Using interpretable AI to discover and de-risk novel targets Neel Madhukar, Chief Executive Officer, OneThree Biotech	Strengthening transformer-based deep neural networks for clinical and operational use Edmon Begoli, AI Systems R&D Section Head, Oak Ridge National Laboratory	DNA Encoded Library Data Analytics Sergio Cuesta, Senior Data Scientist in Bioinformatics, AstraZeneca	Battling data fragmentation in Oncology drug development: Advancing competitive intelligence to drive strategy Subha Madhavan, Head of Data Science, Oncology R&D, AstraZeneca	Improving patient outcomes through analytical tools in the real world Matthias Antonin, Innovation Lead Medical Practice, Neuroscience, Roche	Connecting the dots within the R&D data landscape: Building a solid data backbone Markus Hartmann, Head of Data Value Office, Merck Group	Exploring the impact of the virtual patient on R&D Thierry Lavé, Head Project Leaders and M&S, Roche	Management of internal and external data sets to improve access, efficiency and collaboration across an organisation Yuliya Nigmatullina, Biomedical Data Sourcing Lead, UCB	Ensuring the right digital skillset and technologies in an ever-changing pharma environment Michelangelo Canzoneri, Global Head of Digital and Data, Healthcare, Merck Healthcare KGaA and Boris Adryan, HDD - Digital & Data Capability Building Lead, Merck Healthcare KGaA	Merging Clinical Trial & Real-World Data: A Tokenization Framework to Manage Technology, Legal, Regulatory & Privacy Concerns Aman Thukral, Head of Digital Operations and Clinical Systems, AbbVie and Kelsey Linsmeier, Data Science Program Lead, AbbVie	Integrated Multi-Omics Reveal Polycomb Repressive Complex 2 Restricts Human Trophoblast Induction Hendrik Marks, Assistant Professor and Group Leader, Radboud University Hospital	Developing novel technologies for enriching mutant sequences in liquid biopsy of cancer Mike Makrigiorgos, Professor for Department of Radiation Oncology, Dana Farber and Harvard Medical School	Theranostics in haematological malignancies Stefan Habringer, Physician/Scientist Haematology and Oncology, Charité	Therapeutic gene editing: Using genomics data to target genetic diseases Grzegorz Sienski, Principal Scientist, AstraZeneca
15:30	Sponsor			Sponsor	Sponsor							Sponsor	Sponsor	Sponsor	Sponsor
15:50	Federated And Image Data for Improving Activity Models Hugo Ceulemans, Scientific Director Discovery Data Sciences, The Janssen Pharmaceutical Companies of Johnson & Johnson	AI and structural biology for molecular glue degraders John Castle, Chief Data Science Officer, Monte Rosa Therapeutics	Automated literature reviews Luisa Queirós, Global Access Evidence Lead, Roche	AI in medicinal chemistry: Challenges and opportunities Govinda Bhisetti, Principal Investigator and Head of Computational Chemistry, Biogen	Harnessing Real World Evidence for the development of novel cancer therapies Tine Lewi, Scientific Director - Patient Data for Research, Clinical Innovation, Janssen Research & Development	Use of advanced analytics to predict risk: Relying on existing biomarkers to advance treatment Michael Zaia, Head of Medical Affairs Oncology Region Europe, Novartis	Developing a FAIR data strategy within the pharma industry ChuangKee (CK) Ong, Associate Director, Lead Information Architecture, (Early Science), AstraZeneca	Computational and wet methods to approach genomic dysregulation and causal events Trevor Howe, Head, Translational Genomics, Johnson & Johnson	Re-imagine High-Quality Data Production: The Novartis journey to build a Lean Digital Core Johannes Galatsanos, Head of Data, Lean Digital Core, ERP Transformation, Novartis	Application of digital tools for Clinical Microbiology – a rocky road Adrian Egli, Director Institute of Medical Microbiology, University of Zurich	Share without Sharing: Privacy-Preserving, Secure Federated Analytics Jean-Pierre Hubaux, Full Professor EPFL Co-founder, Tune Insight.	Functional multi-omics in precision medicine Marianna Kruthof-De Julio, Head of Urology Research Laboratory and Clinical Research and Director of Organoid Core, University of Bern	The role of biobanking in supporting liquid biopsy research and clinical application Jens Habermann, Director General, Biobanking and BioMolecular resources Research Infrastructure - European Research Consortium (BBMRI-ERIC)	Same day tumor DNA methylation profiling: the Basel approach to diagnostic precision medicine Stephan Frank, Head Neuropathology, University Hospital Basel	Latest update on the Qatar Genome Project (QGP): Moving from bench to bedside Said Ismail, Director of Qatar Genome Programme, Qatar Foundation

16:10 Afternoon Break

16:40	Chair remarks	Chair remarks: Bulent Kiziltan, Head, Causal & Predictive Analytics, Novartis	Chair remarks	Chair remarks	Chair remarks: Sonia Houston Pichardo, Business Lead of MyStudyWindow, Boehringer Ingelheim	Chair remarks: Igor Rudychev, Vice President, Enterprise Analytics, Horizon Therapeutics	Chair remarks: David Drake, Drug Discovery IT Capability Lead, AstraZeneca	Chair remarks	Chair remarks	Chair remarks: Uli Broedl, Head of Global Clinical Development and Operations, Boehringer Ingelheim	Chair remarks: François-Xavier Chalet, Health Economics Specialist, Idorsia	Chair remarks	Chair remarks	Chair remarks	Chair remarks: Ailsa Craig, Physician, Lausanne University Hospital
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16:45	Digital pathology to predict genetic mutation Adrien Rousset, Head of Augmented Diagnostics & Patient Identification, Amgen	AI in drug Discovery: Recent Examples Rolf Jautelat, VP Strategy & Business Transformation, Bayer Pharmaceuticals	Scaling natural language processing for pharmaceutical R&D and medical safety Srikanth Ramakrishnan, Director, Pharmaceutical R&D, Intelligent Automation & Analytics, Johnson & Johnson	Presentation	Information extraction for oncological purposes Enrico Santus, Senior Lead Data Scientist, (Director, AI & ML), Bayer	What is decision intelligence: Moving from analytics to outcomes Curtis Newkirk, Informatics Head - Data Analytics, Pharma Commercial, Medical Affairs, Global Access, & Pharma Partnering, Roche	Creation of a FAIR in-vivo data sharing platform Olivier Roche, Data Integration Product Lead, Roche	Data science and bioinformatics for target identification Florian Nigsch, Associate Director Data Science, Novartis Institutes for BioMedical Research (NIBR)	BioMedIT: Switzerland's secure IT environment for sensitive data. Katrin Cramer, Director Personalised Health Informatics, SIB Swiss Institute of Bioinformatics	Breaking down barriers to deliver digital transformation successfully Sibel Gürlér, Head of Innovation, Partnerships and Process Optimisation, WorldWide Patient Safety, Bristol Myers Squibb	RWE burden of illness study in France Darren Talbot, Global Value & Access, Senior Director, Idorsia	Fast and highly sensitive full-length single-cell RNA-sequencing using FLASH-seq Simone Picelli, Head of Single Cell Genomics Platform, IOB	Donor-derived cell-free DNA in transplant diagnostics Michael Oellerich, Professor, University Medical Center Göttingen, George-August-University Göttingen	Biomarkers guiding precision medicine in Psoriatic Arthritis based on proteomics analysis of clinical trials Richard Siegel, Global Head, Translational Medicine Co-Head, integrated Translational Research Autoimmunity, Transplantation and Inflammation, Novartis	Mirroring population health models in vivo with CRISPR technology Danilo Maddalo, Group Leader - Translational Oncology, Genentech
17:05	Sponsor 	Sponsor 	Sponsor	Sponsor	Sponsor	Sponsor 	Sponsor 	Sponsor	Sponsor 	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor
17:25	Panel	Panel Discussion: Addressing the gap between theory and practice for AI in pharma Chair: Paul Agapow, Director, GSK Panellist: Alain Bindels, Innovation & Technology Leader, Roche Han Chang, Senior Director, Head of Late Stage Oncology, Translational Bioinformatics, Bristol-Myers Squibb Bulent Kiziltan, Head, Causal & Predictive Analytics, Novartis	Panel	Panel	Panel Discussion: Informed Consent - Navigating Data Governance and Privacy Chair: Sonia Houston Pichardo, Business Lead of MyStudyWindow, Boehringer Ingelheim Panellist: Martin Urban, Data Governance Manager, Boehringer Ingelheim	Panel Discussion: How can we improve the standard of EMR data across the globe and analytics capabilities to help patients? Chair: Igor Rudychev, Vice President, Enterprise Analytics, Horizon Therapeutics Panellist: Luis Prieto, Global Real-World Evidence Director, Novartis William Paiva, Managing Partner, OLSF Ventures and, Executive Director, Center for Health Systems Innovation	Panel Discussion: Enabling access to health data while protecting privacy Chair: Nicola Orlandi, Executive Director Compliance, Head of Global Data Privacy, Bausch Panellist: Sarion Bowers, Head of Policy, Wellcome Sanger Institute Sidharth Jain, Head of Global Development Data Science, Janssen R&D Rosie Richards, Head of European Digital Research, NHS Confederation Santha Ramakrishnan, Global Data Governance Lead, Sanofi Tanja Stamm, Head of Section for Outcomes Research, Medical University of Vienna	Panel Discussion: Leveraging new technologies to support bioinformatics in drug discovery Chair: Asli Ismihan Özen, Head of Bioinformatics & Data Mining, Novo Nordisk A/S Panellist: Mohamed-Ramzi Temanni, Scientific Director, Head of France AI/Genomics, Computational Science, Janssen Graham Ball, Professor of Bioinformatics, Nottingham Trent University Magda Zwierzyna, Lead AI/ML Scientist & Esprit Associate (R&D), Vx R&D, Vaccine Projects and Digital Sciences, GSK	Panel	Panel Discussion: Going beyond the norm - Perspectives & innovation in research and digital capabilities across the healthcare ecosystem Chair: Sheetal Chawla, Head of Analytics Strategy & Transformation, Global Product Strategy, Roche Panellist: Caroline Schmitt, Global Head of Enterprise Digital, Takeda Arne Müller, AD & Senior Principal Data Scientist in Clinical Digital Endpoints, Novartis Lada Leyens, Global Regulatory lead - Clinical Trial Innovation and Digital Health - PHC, Roche Lili Peng, Head, Data Sciences, External Innovation, Biogen Research and Development Paolo Piraino, Innovation Manager (STM), Data Science and Analytics, Bayer Julie Huxley-Jones, VP of Research Solutions, GSK	Panel Discussion: How to harness RWE to shape clinical trial design? Chair: Dominik Hartl, CMO, Quell Therapeutics Panellist: Paul Petraro, Executive Director, Global Head Real World Evidence Analytic (RWE), Boehringer Ingelheim Sreeram Ramagopalan, Global Head Real-World Evidence (Market Access), Roche Khaled Sarsour, Vice President of Real-World Evidence (RWE) Analytics and Insights, Janssen R&D Basker Gummadi, Head of Digital Health, Gilead Melvin Olson, Global Head Integrated Evidence Strategy and Innovation, Novartis Claus Andersen, Dir. Data Science, Galapagos	Panel	Panel	Panel	Panel Discussion: Large scale genome programs - update on global genomics efforts and representation of diverse genomes Chair: Delali Attipoe, COO, 54gene Panellist: Sandor Szalma, Global Head, Computational Biology, Takeda Said Ismail, Director of Qatar Genome Programme, Qatar Foundation Ciara Vangjeli, Genetics Lead Director, UCB
18:05	Conference Close and Networking Drinks Reception														

Day Two – Wednesday 9th November 2022

	BIODATA WORLD CONGRESS	GENOMICS LIVE
08:55	Chair Remarks: Alexander Krupp, Head of Global Data Assets Pharma360, Bayer	Chair Remarks: Marc Sultan, Head Genetics & Genomics, Pharmaceutical Research and Early Development, Roche
09:00	data42: Accelerating insights from connected data to achieve greater value for patients Peter Speyer, Head of Customer Success, data42, Novartis	How genomic data is helping transform lives and mainstream genomics across the NHS in England Sue Hill, CSO, NHS England
09:20		Drug Targets from large cohorts with WGS, longitudinal clinical data, and tissue single nucleus sequencing Jeffrey Gulcher, Co-Founder & Chief Scientific Officer, Genuity Science
09:40		Buy Side Presentation
10:00		Panel (Sell)
10:40	Networking Break	

	pharmAI			CHEMINFORMATICS LIVE	BIODATA WORLD CONGRESS							GENOMICS LIVE			
	Image Analysis	AI in Drug Development	NLP	Cheminformatics	Big Data in Oncology	Analytics Platforms	Data Integration + FAIR	Bioinformatics +In Silico R&D	Data Management, Storage and Architecture	Digital Transformation	Real World Evidence	Single Cell Genomics	Liquid Biopsy	Companion Diagnostics	Rare Diseases & NGS
11:40	Chair remarks	Chair remarks: Scott Oloff , SVP of Data & Analytics, pRED, Roche	Chair remarks	Chair remarks	Chair remarks: Julie Woodland , Head of Strategic Planning and Business Implementation, AstraZeneca UK Ltd	Chair remarks: Ramin Daron , Head, Applied Data Sciences and Learning, Data Sciences Institute, Research and Development, Takeda	Chair remarks: Derek Marren , Principal IT Business Manager, Pre-clinical Capability, AstraZeneca	Chair remarks	Chair remarks: Ralph Haffner , Head of Information Products and Data Sciences, Novartis Institutes for BioMedical Research (NIBR)	Chair remarks: Michel Rider , VP, Development Digital, Data, and Analytics, GSK	Chair remarks: Dorothee Bartels , Global Head of Real World Evidence and Digital Sciences, UCB	Chair remarks	Chair remarks	Chair remarks	Chair remarks
11:45	Using imaging AI to optimise clinical trials Alexander Goehler , Executive Director, Precision Medicine, Imaging and AI Lead, Novartis Institutes for BioMedical Research (NIBR)	Spatial Biology Biomarkers for Targeted Therapies Anna Pokorska-Bocci , Associate Principal Scientist, Personalised Medicine, Debiopharm	Presentation	Presentation	Presentation	Collaborative R&D Gabriel Eichler , VP, Head of Data, Data42, Novartis	Data Catalogues Etzard Stolte , Head Knowledge Management, Roche	Development of a synthetic lethality framework to predict biomarkers for precision therapies Anna Maria Lara Coenen-Stass , Principal Scientist Translational Medicine, Oncology Bioinformatics, Merck KGaA	Presentation (RSERVED FOR QUANTORI CUSTOMER)	Improving R&D Productivity with Modular Knowledge and Decision-Making Platform Tomas Kvedaravicius , Senior Director, Head of Data Collaboration & Intelligence, R&D Tech, GSK	How RWD can help Carers in Reducing Variability in Cancer Care and Outcomes Sanjoy Paul , Real World Evidence Leader – Oncology, AstraZeneca	Integration of multi-omics in animal models and human disease Zsolt Illes , Professor, Odense University Hospital	Transformation in Cancer Care at Roche Jan Hoffmann , Precision Medicine Partner, Roche	Using AI and machine learning to discover de novo biomarkers of drug response and biological drug targets Graham Ball , Professor of Bioinformatics, Nottingham Trent University	Exploring pain genetics in rare diseases Achim Kless , Pain Genetics Lead, Discovery Neuroscience Research, Neuroscience Genetics, Eli Lilly and Company Ltd
12:05	Sponsor	Panel Discussion 	Sponsor	Sponsor	Sponsor					Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	
12:25	Practical application of AI for clinical imaging data Joerg Degen , Global Head Early Development Informatics, Roche Pharma Research and Early Development		Presentation	Presentation	Presentation	A data driven approach to external innovation at a Biotech company Lili Peng , Head, Data Sciences, External Innovation, Biogen Research and Development	Implementing FAIR in early research Saritha Kuriakose , Director, Data Integration & Ontologies, Novo Nordisk		Presentation (RSERVED FOR OSTHUS CUSTOMER) – EVOTEC speaker	Acceleration of late-stage assets through digital transformation Michel Rider , VP, Development Digital, Data, and Analytics, GSK	Prognostic biomarker Identification in Huntington's disease with RWD machine learning modelling Naghme Ghazaleh , Senior Data Scientist, Roche	Single-cell RNA-seq in bacteria Christina Homberger , Scientist NGS (Single Cell Genomics), Julius-Maximilians-Universität Würzburg	EV associated Biomarkers in Liquid Biopsies – How to identify valid RNA Biomarker Signatures in circulating extracellular vesicles Michael Pfaffl , Professor in Molecular Physiology, Technical University of Munich	Logistical challenges of integrating molecular testing into daily practice of gynaecologic pathology Bojana Djordjevic , Staff Pathologist, Gynaecologic Pathology Section Lead, Sunnybrook Health Sciences Centre, University of Toronto	Genomics England: Exploring the value of sequencing all newborn children Richard Scott , Chief Medical Officer, Genomics England
12:45	Sponsor	Knowledge Graph for Drug discovery Thierry Dorval , Head of Data Sciences & Data Management, Servier	Sponsor	Sponsor	Sponsor	Sponsor	has contract 				has proposal 	Sponsor	Sponsor	Sponsor	Sponsor
13:05	Using computer vision to support clinical assessment and beyond John Chan , Head, ShinarAI Center for Artificial Intelligence/ Machine Learning, Takeda	Augmenting Drug Design Using a Cloud Based Platform Prakash Rathi , Augmented Drug Design Engineering Lead, AstraZeneca	Presentation	Presentation	Presentation	Streamlining the analytical life cycle process: From idea to product Frank Block , Head of IT Data Science, Roche Diagnostics	Federated Analytics Moritz Freidank , Data Scientist, Applied Technology Innovation, Novartis	Five reasons why bioinformatics & AI is transforming vaccines discovery and development Magda Zwierzyna , Lead AI/ML Scientist & Esprit Associate (R&D), Vx R&D, Vaccine Projects and Digital Sciences, GSK	Knowledge graphs in healthcare research Alexander Jarasch , Head of Data and Knowledge management, German Center for Diabetes Research (DZD)	Enabling meaningful collaboration between data scientists and clinicians by developing visualising tools Andrea Derix , Sr. Global Program Head, Bayer	Leveraging Real World Data and AI for Oncology Patient Progression Prediction Helena Koepl , Vice President, Global Head of Data Science & Advanced Analytics, Bayer	Single-cell and bulk transcriptomics of the liver reveals potential targets of NASH with fibrosis Zhongyi Wang , Senior Expert, Novartis	Development and application of molecular assays for CTC's and CtDNA Evi Liandou , Professor of Analytical Chemistry, University of Athens	Metagenomic studies to detect viral and bacterial/fungal contaminants in samples to be used for human intervention Dawid Walas , Global Head of Omics R&D, Merck Group	Whole genome sequencing for rare diseases and exploratory analysis for clinical trials Sandra Smieszek , Head of Genetics, Vanda Pharmaceuticals Inc
13:25	Networking Lunch														
14:25	Chair remarks	Chair remarks: Daniel- Joseph Price , Head of Excipient Solid Application, Merck KGaA	Chair remarks	Chair remarks	Chair remarks: Basker Gummadi , Head of Digital Health, Gilead	Chair remarks: Omar Khawaja , Head of BI & Analytics, Roche Diagnostics	Chair remarks: Andrew Robertson , VP and Head of Global Regulatory Policy and Digital Innovation, Global Regulatory Affairs, Takeda	Chair remarks	Chair remarks	Chair remarks: Yves Fomekong Nanfack , Director, Head of Operations Digital Biologics Platform, Sanofi	Chair remarks: Thirupathi Pattipaka , Director, RWE & Data Science, Novartis	Chair remarks	Chair remarks	Chair remarks	Chair remarks
14:30	Synthesis design system landscape for computational chemistry Veit Ulshöfer , Senior Director, Global Head of Research Informatics, Merck KGaA Jan Baumann , Principal Scientist, Research and Lab Informatics, Merck KGaA	Upscaling AI Powered Drug Discovery – Lessons Learnt From The Patrimony Computing Platform Philippe Moingeon , Head of Immuno-Inflammation. Application of AI to drug development, Servier	Presentation	Presentation	Presentation	Building back better: Harnessing the successes during COVID to improve analytical capabilities across health and social care Adrian Jonas , Chief Analyst for the North West Region, NHS England & Improvement	FAIR data integration in federated medical settings Petr Holub , Senior IT/Data Protection Manager, BBMRI-ERIC	Using genomics to drive decision-making in drug development Joanna Betts , Head of Translational Omics, Computational Biology, GSK	Qualifications based access data: Innovative model for data governance Dave Hurry , Head, Data Services and Content Delivery, Takeda R&D	New ways of working to improve R&D and collaboration of digital product teams Jobst Loeffler , Product Owner, Digital Transformation & IT Pharma, Bayer	Challenges of generating evidence for rare diseases in Europe Giovanna Barcelos , HEOR RWE Senior Manager Europe & GCC, Global Blood Therapeutics	Bioinformatics and Target Discovery in times of high-throughput modal technologies. Vivek Das , Senior Research Scientist, Novo Nordisk	How biobanks can support your research - Examples from the Leipzig Medical Biobank Ronny Baber , Head of the LIFE-Biobank and Preatalytical Laboratory, University Hospital Leipzig	Inborn Errors of Immunity in Children with Severe Sepsis Kate Kernan , Assistant Professor of Critical Care Medicine, Department of Critical Care Medicine, Children's Hospital of Pittsburgh of UPMC	AstraZeneca's Genomics initiative – insights into heart failure Dirk Paul Senior Director, CVRM Genomics Therapy Area, AstraZeneca
14:50	Sponsor		Sponsor	Sponsor	Sponsor	Sponsor			Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	DNA methylome sequencing – insight into epigenetics of non-small-cell lung cancer Miljana Tanic , Senior Research Associate – Principal Investigator, IORS
15:10	Presentation	Computational chemistry and data science for formulation development David Luedeker , Principal Scientist, Merck Group	Presentation	Presentation	Presentation	Conducting discovery analysis in the Genomics England trusted research environment: The case of COVID-19 critical illness Athanasios Kousathanas , Principal Genomics Data Scientist, Genomics England	FAIR in the Swiss personalised health network (SPHN) Sabine Österle , Team Lead Data Interoperability, SIB	Harnessing genomics to identify novel therapeutic targets Aimee Deaton , Associate Director, Human Genetics, Alnylam Pharmaceuticals	FAIR data hub for analytical chemistry data Arndt Finkelmann , RnD IT Operations Lead, Syngenta Crop Protection AG	Digital Remote Monitoring in Ophthalmology Leslie Fendt , Digital Health Product Leader, Roche	Use of Real world data for Safety Jost Leemhuis , Head of Safety Science, Roche	Immuno Precision Medicine for Cardiovascular Disease Patients Stefan Bekiranov , Associate Professor,	The wide world of liquid biopsy platforms for cancer early detection Sam Hanash , Director, Red &	Recommending the International Use of a Low-Cost, Sensitive, HIV-1 Total HIV-1 Nucleic Acid Quantitative Assay with Broad Chair: Christina Waters , CEO, RARE Science	Reserved for panel



13:25 Networking Lunch

14:25	Chair remarks	Chair remarks: Daniel- Joseph Price , Head of Excipient Solid Application, Merck KGaA	Chair remarks	Chair remarks	Chair remarks: Basker Gummadi , Head of Digital Health, Gilead	Chair remarks: Omar Khawaja , Head of BI & Analytics, Roche Diagnostics	Chair remarks: Andrew Robertson , VP and Head of Global Regulatory Policy and Digital Innovation, Global Regulatory Affairs, Takeda	Chair remarks	Chair remarks	Chair remarks: Yves Fomekong Nanfack , Director, Head of Operations Digital Biologics Platform, Sanofi	Chair remarks: Thirupathi Pattipaka , Director, RWE & Data Science, Novartis	Chair remarks	Chair remarks	Chair remarks	Chair remarks
14:30	Synthesis design system landscape for computational chemistry Veit Ulshöfer , Senior Director, Global Head of Research Informatics, Merck KGaA Jan Baumann , Principal Scientist, Research and Lab Informatics, Merck KGaA	Upscaling AI Powered Drug Discovery – Lessons Learnt From The Patrimony Computing Platform Philippe Moingeon , Head of Immuno-Inflammation. Application of AI to drug development, Servier	Presentation	Presentation	Presentation	Building back better: Harnessing the successes during COVID to improve analytical capabilities across health and social care Adrian Jonas , Chief Analyst for the North West Region, NHS England & Improvement	FAIR data integration in federated medical settings Petr Holub , Senior IT/Data Protection Manager, BBMRI-ERIC	Using genomics to drive decision-making in drug development Joanna Betts , Head of Translational Omics, Computational Biology, GSK	Qualifications based access data: Innovative model for data governance Dave Hurry , Head, Data Services and Content Delivery, Takeda R&D	New ways of working to improve R&D and collaboration of digital product teams Jobst Loeffler , Product Owner, Digital Transformation & IT Pharma, Bayer	Challenges of generating evidence for rare diseases in Europe Giovanna Barcelos , HEOR RWE Senior Manager Europe & GCC, Global Blood Therapeutics	Bioinformatics and Target Discovery in times of high-throughput modal technologies. Vivek Das , Senior Research Scientist, Novo Nordisk	How biobanks can support your research - Examples from the Leipzig Medical Biobank Ronny Baber , Head of the LIFE-Biobank and Preatalytical Laboratory, University Hospital Leipzig	Inborn Errors of Immunity in Children with Severe Sepsis Kate Kernan , Assistant Professor of Critical Care Medicine, Department of Critical Care Medicine, Children's Hospital of Pittsburgh of UPMC	AstraZeneca's Genomics initiative – insights into heart failure Dirk Paul Senior Director, CVRM Genomics Therapy Area, AstraZeneca
14:50	Sponsor		Sponsor	Sponsor	Sponsor	Sponsor			Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	DNA methylome sequencing – insight into epigenetics of non-small-cell lung cancer Miljana Tanic , Senior Research Associate – Principal Investigator, IORS
15:10	Presentation	Computational chemistry and data science for formulation development David Luedeker , Principal Scientist, Merck Group	Presentation	Presentation	Presentation	Conducting discovery analysis in the Genomics England trusted research environment: The case of COVID-19 critical illness Athanasios Kousathanas , Principal Genomics Data Scientist, Genomics England	FAIR in the Swiss personalised health network (SPHN) Sabine Österle , Team Lead Data Interoperability, SIB	Harnessing genomics to identify novel therapeutic targets Aimee Deaton , Associate Director, Human Genetics, Alnylam Pharmaceuticals	FAIR data hub for analytical chemistry data Arndt Finkelmann , RnD IT Operations Lead, Syngenta Crop Protection AG	Digital Remote Monitoring in Ophthalmology Leslie Fendt , Digital Health Product Leader, Roche	Use of Real world data for Safety Jost Leemhuis , Head of Safety Science, Roche	Immuno Precision Medicine for Cardiovascular Disease Patients Stefan Bekiranov , Associate Professor,	The wide world of liquid biopsy platforms for cancer early detection Sam Hanash , Director, Red &	Recommending the International Use of a Low-Cost, Sensitive, HIV-1 Total HIV-1 Nucleic Acid Quantitative Assay with Broad Chair: Christina Waters , CEO, RARE Science	Reserved for panel

							Swiss Institute of Bioinformatics					University of Virginia	Charline McCombs Institute for the Early Detection and Treatment of Cancer, The University of Texas MD Anderson Cancer Center	Subtype Specificity Catherine Kibirige, Research Scientist, Imperial College London	
15:30	Sponsor	TEMPUS	Sponsor	Sponsor	Sponsor	Sponsor	Has proposal 	EURETOS	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	
15:50	Presentation	Not Just Deep Fakes: Applications of Visual Generative AI Models in Pharma Manufacturing Guglielmo Iozzia, Associate Director - Business Tech Analysis, Machine Learning and AI, MSD	Presentation	Presentation	Presentation	Journey of creating a modern self-service data & analytics platform Paul Rankin, Head of Data Management Platforms, Roche Diagnostics	FAIRness evaluation: Commercial application and opportunities Michel Dumontier, Distinguished Professor of Data Sciences and Co-Founder of The Fair Data Principles, Maastricht University	Towards the identification of biomarkers of NASH/NAFLD disease progression Vincent Mikol, Precision Medicine Head, Rare Blood & Neurological Diseases, Sanofi	Development of tools and ontologies for semantically annotated scientific data for AI and machine learning applications Mark Doerr, Senior Scientist, University Greifswald	Standardization and Simplification of Document Management - Holding on to Your Knowledge in an Agile World Roman Engel, Head of Agile Document Flow, Roche	Unlocking the value of data through partnerships Meni Styliadou, VP Distinguished Fellow, Data Science Institute, Takeda R&D	From single cell to precision medicine Panagiotis Chouvardas, PostDoc Researcher Computational Biologist, University of Bern	Extracellular RNA Pieter Mestdagh, Professor, Ghent University	Harnessing the power of omics for precision diagnostics Gina Fioretti, Executive Director of Genomics, Recuro Health	Using biobank level exome sequencing to study rare diseases Luke Ward, Associate Director, Human Genetics, Alnylam Pharmaceuticals

16:10 **Afternoon Break**

16:40	Chair remarks	Chair remarks Reserved for Genialis CEO	Chair remarks	Chair remarks	Chair remarks	Chair remarks: Nareen Katta, Head of Clinical Analytics, AbbVie	Chair remarks: Marco Giannitrapani, VP of Global Data & Analytics - Go To Market, Roche	Chair remarks	Chair remarks	Chair remarks: Angelika Fuchs, Head of Discovery Informatics, Roche	Chair remarks: Martina von Meyenn, Global Medical Chapter Lead, Real World Evidence, Roche	Chair remarks	Chair remarks	Chair remarks	Chair remarks
16:45	Presentation	Real life AI: Opportunities and pitfalls in healthcare Faisal Khan, Corporate Vice President, Advanced Analytics, AI and RWD, Novo Nordisk	Presentation	Presentation	Leveraging AI and Big data for new target discovery for Oncology Miika Ahdesmaki, Director, Early Computational Oncology, AstraZeneca Dimitris Polychronopoulos, Associate Director, AstraZeneca	Using new technologies to overcome challenges in analytical capabilities Yang Yang, Principle Scientist, Novartis	How the lines between health systems and pharma should be redrawn to allow patient data flow: The platformisation of clinical data Alex Sherman, Director, Center for Innovation and Bioinformatics Neurological Clinical Research Institute, Massachusetts General Hospital	Integrated data for actionable insights within bioinformatics Dennis Madsen, Principal Scientist, Bioinformatics and Data mining, Novo Nordisk	NIBR's Journey to Digitalize Biologics Discovery – Value Chain Björn Hüber, Senior Principal Scientist Data Science - Data Management, NIBR Biologics Center and Drazen Nadoveza, Technical Product Lead - Senior Principal Software Engineer, Novartis Institutes for BioMedical Research	Optimising the data transfer from hospital EHR platforms to sponsor systems Peter Casteleyn, Director Clinical Data Collection Solutions, Janssen and May Govaerts, Head of Clinical Data Solutions – EBIS, Janssen	Developing clinically relevant predictive analytic tools from patient, clinical and lab data William Paiva, Managing Partner, OLSF Ventures and, Executive Director, Center for Health Systems Innovation	Modelling single cell dynamics for immunology Ziv Bar-Joseph, Head, R&D Data and Computational Sciences, Sanofi	Sample handling strategies for liquid biopsy Tom Valentin, Group Leader - Sample Handling & Sensing, CSEM	Presentation	Genetic and pharmacological causes of germline hypermutation Matthew Neville, PhD Candidate, The Wellcome Sanger Institute
17:05	Sponsor		Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor
17:25	Panel	Panel Discussion: Alliance for Artificial Intelligence in Healthcare: A pre-competitive approach Chair: Angell Moller, Head of Pharma International Informatics (PIIX), Roche 	Panel	Panel	Panel Discussion: The Variations and Inequality in Cancer Care Chair: Sanjoy Paul, Real World Evidence Leader – Oncology, AstraZeneca Panellist:	Panel Discussion: How do we balance innovation and value generation while enabling analytics capabilities within pharma Chair: Nareen Katta, Head of Clinical Analytics, AbbVie Panellist:	Panel	Panel Discussion: Beyond Usability and 'quick wins' to Embedding Enterprise UX Design Chair: Jennifer Cham, Product Designer, Enterprise Business Computing, CERN Panellist: John Chan, Head, ShinAI Center for Artificial Intelligence/ Machine Learning, Takeda	Panel	Panel Discussion: P4 Ecosystems, And Early Stages of Disease Chair: Michael Rebhan, Associate Director, Novartis Panellist: Lee Wen, CEO, Action Against AMD Pekka Kahri, Technology Officer, HUS	Panel Discussion: Strengthening Data, Digital and AI Approaches in Medical Oncology Chair: Fareed Mirza, Global Head of Data Alliances, AstraZeneca Panellist: Joel Greshock, Vice President of Data Sciences, Oncology, Janssen Research & Development	Panel	Panel	Panel	Panel Discussion: Community standards for integrating genomics with other data types for rare disease patients Chair: Ramona Walls, Associate Director of Data Science, Critical Path Institute
18:05	Conference Close and Networking Drinks Reception														

BIODATA WORLD CONGRESS									GENOMICS LIVE					
08:35	Chair Remarks: Shubha Chaudhari, Head of Clinical Technology Solutions, GSK													
08:40	The future of RWD: Harnessing RWD to accelerate drug development Christopher Boone, VP, Global Head, Health Economics & Outcomes Research, AbbVie									08.55	Chair Remarks Paul Nioi, Vice President, Discovery and Translational Research, Alnylam Pharmaceuticals			
09:00	A Computer Science Looks at Discovery Science Hal Stern, VP & CIO, Pharmaceutical R&D, Janssen									Buy Side				
09:20	What does digital transformation mean for Big Pharma? Thomas Senderovitz, Senior Vice President, Data Science, Novo Nordisk									Spex				
09:40										Buy Side				
10:00	Panel (Sell Side)									Panel (Sell Side)				
10:40	Networking Break													
	pharmAI		CHEMINFORMATICS LIVE	BIODATA WORLD CONGRESS						GENOMICS LIVE				
	AI in Drug Development	NLP	Cheminformatics	Quantum Pharma	Data Integration + FAIR	Bioinformatics +In Silico R&D	Data Management, Storage and Architecture	Digital Transformation	Real World Evidence	Single Cell Genomics	Liquid Biopsy	Companion Diagnostics	Rare Diseases & NGS	
11:40	Markus Hinder, Head Patient Safety, Novartis	Chair remarks	Chair remarks	Chair remarks	Chair remarks	Chair remarks	Chair remarks	Chair remarks: Thomas Jung, Head R&D IT, Syngenta	Chair remarks: Teddy Sun, Evidence Generation Lead, Takeda	Chair remarks	Chair remarks	Chair remarks	Chair remarks	
11:45	Presentation	Presentation	Presentation	Exploring the challenges of implementing quantum computing Ian Pepper, Director of Innovation, Novartis	Beyond Data Strategy Shifting Gears from Data Planning to Data Doing Magdalena Wienken, Associate Director Data Ops & Governance, AstraZeneca	Multiblock analysis to predict biomarkers for skin conditions Namita Misra, Head of Multi-omics Data Scientist Team, L'oreal R&I	Presentation	What does AI and innovation look like in public health systems Giuseppe Sollazzo, Deputy Director NHS AI Lab, Head of AI Skunkworks & Deployment, NHS England and NHS Improvement	How do you approach your real world evidence data capturing: Big Data vs Targeted Data Vidya Breeveld, Founder, Transmineo	Spatial transcriptomics in GI disorders Sarah Harris, Head, GI and Neurology Disease Teams, Translational Medicine, Bristol Myers Squibb	The use of liquid biopsies as a monitoring tool for solid tumour indications Jan Christoph Brase, Global Biomarker Diagnostic Leader, Novartis	Presentation	Accelerating precision medicine trials with digital and at-home genomic testing Patrick Short, CEO, Sano Genetics	
12:05	 has proposal	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	
12:25	Target identification and validation methods, leveraging large-scale cohort data and machine learning Dimitris Vitsios, Associate director, Data Science & Genomics, AstraZeneca	Presentation	Presentation	Presentation	FAIRification of Multi-Omics data Adrianto Wirawan, Omics Engineer Lead, AstraZeneca	Building capacity and bridging gaps: scaling digital technologies and precision medicine in LMICs Huguette Diakabana, WHO Digital Solutions Clearinghouse Workstream, WHO	Presentation	Swiss Personalized Health Network: Opportunities and Shared Benefit Urs Frey, President, SPHN National Steering Board	Presentation	With technology to biology: How single cell methods revolutionize the functional genomics field Daniel Schraivogel, Research Staff Scientist, EMBL	Complimenting genomics with exposomics of liquid biopsy Stefano Papazian, Head of National Facility for Exposomics, SciLifeLab	Presentation	Why biobanking is the most important tool for rare disease research Karine Sargsyan, Managing Director of International Biobanking, Medical University of Graz	
12:45	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Testing for rare genetic diseases of obesity Patrick Kleyn, Senior Vice President, Translational Research & Development, Rhythm Pharmaceuticals	
13:05	Machine learning on GWAS and Biobank data for novel therapeutic translation Zhihao Ding, Head of Human Genetics, Boehringer Ingelheim	Presentation	Presentation	Presentation	Data strategy, FAIRification and curation at Roche Silvia Jimenez, Senior Scientist, Roche	Bioinformatics as an enabler for precision medicine Daniel Muthas, Head of Data Science & Bioinformatics, AstraZeneca	Presentation	How new technologies require new ways of working Joachim Luthle, Vice President – Head of Clinical Operations, Pharma R&D, Bayer	Presentation	Spatial Transcriptomics to Probe Colorectal Cancer Heterogeneity Bettina Amberg, PhD Student, Roche	Liquid biopsy in kidney transplant care: A clinician's perspective Bilgin Osmanodja, Physician, Charité	Presentation	NGS and personalised medicine in solid tumours Michael Uhlin, Professor Clinical Immunology, Karolinska Institutet	
13:25	Networking Lunch													
14:25	Chair remarks: Sotirios Perdikeas, Senior Principal Scientist and People Coach, Predictive Modelling and Data Analytics, R&D, Roche	Chair remarks	Chair remarks	Chair remarks	Chair remarks	Chair remarks	Chair remarks	Chair remarks	Chair remarks: Erwan Muros-Le Rouzic, Senior Principal RWD Scientist/Epidemiologist, Roche	Chair remarks	Chair remarks	Chair remarks	Chair remarks	
14:30	Application Of Clinical Genomic Medicine Data to Drug Discovery and Development Pierre Farmer, Head, in silico Lead Discovery Basel, Novartis	Presentation	Presentation	Presentation	Health research data ecosystem Harpreet Singh, Head Scientist Biomedical Informatics Division, Indian Council of Medical Research	Harnessing human genetics data for drug discovery Emily Wong, Senior Scientist, Computational Biology, Takeda	Presentation	Lab of the future: Moving towards a more user-centric laboratory Michael Peter Langner, Head of Business Unit, Healthcare Industries, Fraunhofer Institute for Manufacturing Engineering and Automation IPA	Presentation	Implementation of NGS technology for whole genome sequencing in microbiology Dunstan Rajendram, Senior Scientist, UK Health Security Agency	Presentation	Presentation	The perfect match: cellular biomarkers demonstrating how APDS has met its therapy Ulrike Sommer, Senior Principal Scientist, Novartis Institutes for BioMedical Research	
14:50	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	
15:10	Adverse events in the Digital age Robert Di Giovanni, Global Project Safety Lead, Novartis	Presentation	Presentation	Presentation	Healthcare Data engineering using graphs Lukasz Kaczmarek, Data Architect, Roche Andrew Ngyuen, Medical informatic Architect, Genentech	Using observational data to support biomarker rationale Moritz Saxenhofer, Senior Translational Scientist, CSL Behring	Presentation	Developing digital capabilities to support the commercial needs of a pharma company Florent Hassen, Global Data Science & Artificial Intelligence Lead, Roche	Presentation	Using single cell genomics to identify targets for metastasis and therapy resistance in breast cancer Vijay Tiwari, Professor and Group Head, Genomics and Data Science in Precision Medicine Laboratory, Wellcome-Wolfson Institute for Experimental Medicine	Presentation	Presentation	Safety of gene therapy for rare diseases Saumyaa Saumyaa, Senior Research Scientist, AstraZeneca	
15:30	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	Sponsor	
15:50	Demonstrating how 'Big Pharma' can successfully transform it's R&D activities using data & advanced	Presentation	Presentation	Presentation	Informatics ecosystems supporting FAIR data integration in clinical studies Holmfridur Thorsteinsdottir, Head	In Silico simulation of the rabbit Purkinje fibre assay Marcel Mohr, Scientist Digital Toxicology, Sanofi	Presentation	Moving to Next Generation Market Access Through Data and Digital Technologies	Presentation	Presentation	Presentation	Presentation	Proteomics analysis in SLE and Sjogren 's syndrome Andrea Gioni, Senior Data Scientist, Novartis Institutes for BioMedical Research	

16:10	<p>analytics/AI from drug discovery through to regulatory submissions</p> <p>Eric Genevois-Marlin, Head of RD Data and Data Sciences (DDS), Sanofi</p>				<p>Clinical & Biomarker Informatics, Roche</p>			<p>Thorsten Rall, SVP, Global Head Digital Transformation & Innovation, Novartis</p>					
Close of Conference													