World Biodata Speakers

1. Najat Khaz, Chief Data Science Officer, Global Head, Strategy and Operations, Janssen R&D
2. Anne Heathcoting, 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 & CSO, Pharmaceutical R&D, Janssen
5. Scott Oliff, SVP of Data & Analytics, phEDR, Roche
6. Thomas Sanderovitz, Senior Vice President, Data Science, Novo Nordisk
7. Christopher Boone, VP, Global Head, Health Economics & Outcomes Research, AbbVie
8. Thorsten Hall, VP, Global Head Digital Transformation & Innovation, Novartis
9. Mahesh Pandhi, Chief Information Officer, UCB Biopharma
10. Michiangelo Cazzaniga, 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 Krueg, Head of Global Data Assets Pharmacia, Bayer
14. Faisal Khan, Corporate Vice President, Advanced Analytics, AI and RWD, Novo Nordisk
15. Sultha Madhavan, Head of Data Science, Oncology R&D, AstraZeneca
16. Joseph Szotakowski, Vice President, Translational Bioinformatics, Bristol-Myers Squibb
17. Gabriel Eishier, VP, Head of Data, Data42, Novartis
18. Avneek Malhi, Global IT Head for Research, AstraZeneca
19. Ramon Darom, Head, Applied Data Sciences and Learning, Data Sciences Institute, Research and Development, Takeda
20. Jachim Lulth, Vice President – Head of Clinical Operations, Pharma R&D, Bayer
21. Rav Prasad, Global Head, Data and AI Strategy and Operations, Novartis
22. Daniel Rosenberg, Cross-Therapy Area Head, Global Epidemiology, Janssen, Johnson & Johnson
23. Caroline Schmit, Global Head of Enterprise Digital, Takeda
24. Helene Yin Koepp, Vice President, Global Head of Data Science & Advanced Analytics, Bayer
25. Parlor Moss, Chief Commercial and Partnerships Officer, Genomics England
26. Sneeram Rampagopal, Global Head Worldwide Real-World Evidence (Market Access), Roche
27. Fareed Mira, Global Head of Data Analytics, AstraZeneca
28. Daniel Mathus, Head of Data Science & Bioinformatics, AstraZeneca
29. Thirupathy Pattipaka, Director, RWE & Data Science, Novartis
30. Dominik Geller, Head of Group Digital Governance, Sanofi
32. Victoria Gurner, Global Head of Data Governance and Insights, Boehringer Ingelheim
33. Dorothy Barnes, Global Head of Real World Evidence and Digital Sciences, UCB
34. Khalid Sarsour, Vice President of Real World Evidence (RWE) Analytics and Insights, Janssen R&D
35. Shubhi Chaudhry, Head of Clinical Technology Solutions, GSK
36. Ullan McHerron, Chief Scientist, Oncology, AstraZeneca
37. Benjamin Li, Head of ITROM Biological Sample Production & Management, Boehringer Ingelheim USA Corporation
38. Michel Rider, VP, Development Digital, Data, and Analytics, GSK
39. Thierry Dornav, Head of Data Sciences & Data Management, Servier
40. Peter Sparrow, 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 Pickard, Scientific Director, GSK
43. Paul Petras, Global Head-Head Real World Evidence Analytics (RWE), Boehringer Ingelheim
44. Sonja Weening, Director, Head of Product & Proprietary Information, Bayer
45. Alexander Gonthier, Executive Director, Precision Medicine, Imaging and AI Lead, Novartis Institutes for Biomedical Research (NIBR)
46. Bonnie Kuff, Head of Research Data & Analytics, AstraZeneca
47. Avdi Dutta, Vice President, Lifecycle Leader - Informatics, Roche Diagnostics
48. Maria Karasarides, Vice President, Head Early Assets & Biomarkers, WW Medical, Bristol-Myers Squibb
49. Solfarth Jain, Head of Global Development Data Science, Janssen R&D
50. Cosmele Valley-Gilhey, Head of Digital Health & Therapeutics, Merck KGaA
51. Philippe Magnin, Head of Therapeutic Area Immuno-Inflammation, Application of AI to drug development, Servier
52. Dominik Hartl, CMO, Quell Therapeutics
53. Vesi Ulhöfer, Senior Director, Global Head of Research Informatics, Merck KGaA
54. Frank Bluck, Head of IT Data Science, Roche Diagnostics
55. David Dellonomica, Head, Digital and Innovation, Oncology Europe & Canada, AstraZeneca
56. Jos Groenrock, Vice President of Data Sciences, Oncology, Janssen Research & Development
57. Sibel Güler, Head of Innovation, Partnerships and Process Optimisation, Worldwide Patient Safety, Bristol-Myers Squibb
58. John Castill, Chief Data Science Officer, Montse Roa Therapeutics
59. Tomas Kvedaravicius, Senior Director, Head of Data Collaboration & Intelligence, R&D Tech, GSK
60. Basak Gokma, Head of Digital Health, Gilead
61. Sheetal Chawla, Head of Analytics Strategy & Transformation, Global Product Strategy, Roche
62. Angel Koller, 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 Gnanamurthu, VP of Global Data & Analytics - Go To Market, Roche
65. Alexander Böser, Global RWE Analytics Lead, Merck Pharmaceuticals
66. Ask lohmann Doo, Head of Bioinformatics & Data Mining, Novo Nordisk A/S
67. William Paiva, Managing Partner, OLIF 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 Leaders, Roche
71. Markus Hartmann, Head of Data Value Office, Merck Group
72. Anastasia Christo, VP, President, R & O Business Technology, Janssen
73. Christian Kramer, Head of Computer – Aided Drug Design, Roche
74. Julie Huxley-Jones, VP of Research Solutions, GSK
75. EHF Olbow, Head of Data Science and Advanced Analytics - Pharma International Data and Analytics Chapter, Roche
76. Nicola Orlando, Executive Director Compliance, Head of Global Data Privacy, Bausch
77. Emret Summers, Senior Lead Data Scientist, (Director, AI & ML), Bayer
78. Eric Genoves-Marlin, Head of RD Data and Data Sciences (DDO), Sanofi
79. Steven Hardy, Head of Molecular Diagnostics, National Disease Registration Service, Data Services Directorate, NHS Digital
80. Arna Marie Larsen Stensby, Principal Scientist Translational Medicine, Oncology Bioinformatics, Merck KGaA
81. Dan Foulon, Senior Enterprise Architect, AstraZeneca
82. Arno Pflorka-Bec, Associate Principal Scientist, Personalised Medicine, Debiopharm
83. Han Chang, Senior Director, Head of Late Stage Oncology, Translational Bioinformatics, Bristol-Myers Squibb
84. Grgilo Izaic, Associate Director - Business Tech Analytics, Machine Learning and AI, MSD
85. Joanna Belfs, 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 Sylivaou, VP Distinguished Fellow, Data Science Institute, Takeda R&D
89. Rahul Erkekar, Executive Director, Clinical Pathology, MSD
90. Igor Rudytsky, Vice President, Enterprise Analytics, Horizon Therapeutics
91. Adrian Jonas, Chief Analyst for the North West Region, NHS England & Improvement
92. Giovanni Barales, HECR RWE Senior Manager Europe & GCC, Global Blood Therapeutics
Genomics Live Speakers

1. Siewert Petrovski, VP, Centre for Genomics Research, AstraZeneca
2. Nadeem Sarwar, Global Head, Genomic Strategies & Global Head, Digital Therapeutics (DTx) Strategies, Eisai EMEA
3. Murti Sultan, Head Genetics & Genomics, Pharmaceutical Research and Early Development, Roche
4. Karine Sargues, Managing Director of International Bioimaging, Medical University of Graz
5. Greg Feltner, Senior Vice President, Head of Personalized Healthcare and Digital Partnering, Roche
6. Sebastian Wallowiokli, Senior Director, Genome Informatics, AstraZeneca
7. Hakan Sakul, Vice President and Head of Diagnostics, Pfizer
8. Sue Hill, CSO, NHS England
9. Paul Nol, Vice President, Discovery and Translational Research, Ablynx Pharmaceuticals
10. Ralph Knoll, Chief Scientist, AstraZeneca
11. Richard Segal, Global Head, Translational Medicine, Co-Head, Integrated Translational Research, Autoimmunity, Transplantation and Inflammation, Novartis
12. David Wolos, Global Head of Omics R&D, Merck Group
13. Caroline Haefiger, Head Translational Medicine, Debiopharm
14. Sandra Simic, Head of Genomics, Vanda Pharmaceuticals Inc
15. Caroline Gunther Keller, Global Head Chemical Biology & Therapeutics Data Science, Novartis Institutes for BioMedical Research
16. Patrick Short, CEO, Sana Genomics
17. Richard Scott, Chief Medical Officer, Genomics England
18. Sander Saluma, Global Head, Computational Biology, Takebi
19. Jan Christoph Brase, Global Biomarker Diagnostic Leader, Novartis
20. Jason Hopp, Chair, Division of Clinical Informatics, Laboratory Medicine & Pathology, Mayo Clinic
21. Thomas Hacht, 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 Gregorius, Associate Director for Data Science, National Institutes of Health
26. Simone Picelli, Head of Single Cell Genomics Platforms, IBD
27. Patrick Kletz, Senior Vice President, Translational Research & Development, Rhythm Pharmaceuticals
28. Zhu Ben-You, PhD and Data and Computational Sciences, Sanofi
29. Stefan Kirsch, Head Innovative Molecular Technologies & Biomarker Discovery, Division of Personalized Tumor Therapy, Brauhofner-ITEM
30. Catherine Alia-Panabieres, Head of Circulating Rare Cells Laboratory, CRIU Montpellier
31. James Brouch, 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. Roney Baber, Head of the Life-Science and Preanalytical Laboratory, University Hospital Leipzig
34. Dursun Rajendran, Senior Scientist, UK Health Security Agency
35. Luke Ward, Associate Director, Human Genetics, Ablynx Pharmaceuticals
36. Delali Aliparni, CSO, S awakened
37. Culum O’Dohuahma, Vice President, Genomics and Data Science, CPGene
38. Stefan Sobrano, 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. Stephen Frank, Head Neuropathology, University Hospital Basel
43. Nicolas Steckel, Professor for Experimental Surgical Oncology, Heinrich-Heine University Düsseldorf (HHU)
44. Sam Hanash, RED and Carliene McCombs Institute for the Early Detection and Treatment of Cancer, The University of Texas MD Anderson Cancer Center
45. Bernard Polzer, Group Head of Cellular and Molecular Diagnostics, Brauhofner-ITEM
46. Gina Fioretti, Executive Director of Genomics, Rescor Health
47. Andrea Grieco, Senior Data Scientist, Novartis Institutes for BioMedical Research
48. Aliia Craig, Physician, Lausanne University Hospital
49. Sigrid Oomsmajra, Physician, Charité
50. Chris Lant, Chief Technical Officer, All of Us Program, NIH
51. Hendrik Marks, Assistant Professor and Group Leader, Radboud University Hospital
52. Klaus Pestel, 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, CEM
55. Stephan Schuster, Director, Genome Asia 100K
56. Raffaele Colagro, Professor, University of Torino
57. Mike Makrigiorgos, Professor for Department of Radiation Oncology, Dana Farber and Harvard Medical School
58. Bejana Ojerdzic, Staff Pathologist, Gynaecologic Pathology Section Lead, Sunnybrook Health Sciences Centre, University of Toronto
59. Gregorjo Sienko, Principal Scientist, AstraZeneca
60. Marianna Knuthof-Ode Julie, Head of Urology Research Laboratory and Clinical Research and Director of Organised Care, University of Bern
61. Jens Nabeck, Director General, Biobanking and Biomolecular Resources Research Infrastructure - Biobanking and Biomolecular Resources Research Infrastructure (BBMRI-ERIC)
62. Said Ismail, Director of Qatar Genome Programme, Qatar Foundation
63. Michael Dellicher, Professor, University Medical Center Göttingen, George-August-University Göttingen
64. Dario Mattuoli, Group Leader - Translational Oncology, Genetech
65. Ga Tan, Senior Expert, Novartis Institutes for BioMedical Research
66. Achim Maa, Pan Genetics Lead, Discovery Neuroscience Research, Neuroscience Genetics, Eli Lilly and Company Ltd
67. Bettina Ambreg, PhD Student, Roche
68. Clara Vangjel', Genetics Lead Director, UCS
69. Jonathan Mitchell, Genome Analyst, AstraZeneca
70. Philipp Schatz, Global Regulatory Strategy – IDV, Bayer
71. Dirk Paul, Senior Director, CIBM Genomics Therapy Area, AstraZeneca
72. Carla Speky, 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 Piatti, Professor in Molecular Physiology, Technical University of Munich
77. Stefan Habringer, Physician/Scientist, Charité
78. Athanasios Koschantinos, Principal Genomics Data Scientist, Genomics England
79. Evlantideos, Professor of Analytical Chemistry, University of Athens
Advisory Board:

1. Chair: Alexander Krupp, Head of Global Data Assets Pharma360, Bayer
2. Peter Speyer, Head of Customer Success, data42, Novartis
3. Sonja Werning, Director, Head of Product & Proprietary Information, Bayer
4. Dominik Huri, CTO, Quell Therapeutics
5. David Dellamonica, Head, Digital and Innovation, Oncology Europe & Canada, AstraZeneca
6. Dely Attipoe, COO, S4gene
7. Scott Chandler, Global Head, Personalised Health Care (PHC) Safety, Roche
8. Dorothee Bartels, Global Head of Real-World Evidence and Digital Sciences, UCB

Day One – Tuesday 8th November 2022

BIBIOTHA WORLD CONGRESS

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

Bringing Data, Digital and Technology into Research & Development
Anna Heathcote, Head, Data Science Institute and R&D, Chief Data & Technology Officer, Takeda

Panel Discussion: How Data Centric approaches are transforming the Life Sciences Industry?
Chair: Berenice Wolbrecht, VP Solution Delivery, Onfotce
Panelists:
- Najat Khan, Chief Data Science Officer, Global Head, Strategy and Operations, Janssen R&D
- Angela Müller, Head of Pharma International Informatics (PIIX), Bayer
- Mahesh Pancholi, Chief Information Officer, UK Biobank
- Felix Khan, Corporate Vice President, Advanced Analytics, AI and R&D, Novo Nordisk
- Ravi Prasad, Global Head, Data and AI Strategy and Operations, Novartis

Networking Break

GENOMICS LIVE

Panel: Fostering entrepreneurship in pharma to drive innovation across genomics, data science and digital health
Nadeem Sawar, Global Head, Genomic Strategies & Global Head, Digital Therapeutics (DTx) Strategies, Elsc EMEA

Panel: Unlocking the power of data science to change the trajectory of human health
Chair: Slav Petrozzi, VP, Centre for Genomics Research, AstraZeneca

Panel: Large-scale data collaboration across industry and public sector: Creating a gold standard reference repository of genomic data to fuel medical research
Sebastian Weiswoll, Senior Director, Genomic Informatics, AstraZeneca

Panel: Chair remarks
Chair remarks: Caroline Gubser, VP, Solution Delivery and Integration, AstraZeneca
Panelists:
- Caroline Gubser, VP, Solution Delivery and Integration, AstraZeneca
- Mark Ibberson, Senior Scientist, Data Integration, AstraZeneca
- Berenice Wulbrecht, Senior Director, Genome Informatics, AstraZeneca
- Caroline Gubser, VP, Solution Delivery and Integration, AstraZeneca
- Mark Ibberson, Senior Scientist, Data Integration, AstraZeneca
Day Two – Wednesday 9th November 2022
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>13:40</td>
<td>Chair remarks</td>
<td>Scott Olfert, Veit Ulshöfer, synBioRx, Roche Eocrin</td>
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<tr>
<td>13:45</td>
<td>Synthesis design system landscape for computational chemistry</td>
<td>Aki Uhlhorn, Veit Ulshöfer, Global Head of Research Informatics, Merck KGaA</td>
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<tr>
<td>2:05</td>
<td>Practical application of AI for clinical imaging data</td>
<td>Jeroen Degot, Roche Pharma Research and Early Development</td>
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<tr>
<td>2:45</td>
<td>Skymind computer vision to support clinical assessment and beyond</td>
<td>John Chan, Head, DeepAI Center for Artificial Intelligence/ Machine Learning, Takeda</td>
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<tr>
<td>3:05</td>
<td>Navigating computer vision to support clinical assessment and beyond</td>
<td>Ronny Baber, Assistant Professor in Artificial Intelligence, University of Toronto</td>
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<tr>
<td>4:25</td>
<td>Chair remarks</td>
<td>Daniel Joseph Price, Head of Exempt Applicatoin, Merck KGaA</td>
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<tr>
<td>4:30</td>
<td>Navigating computer vision to support clinical assessment and beyond</td>
<td>Miljana Tanic, Senior Research Scientist, Roche Pharma Research and Early Development</td>
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<tr>
<td>5:10</td>
<td>Presentation</td>
<td>Christine Nottenberg, AstraZeneca</td>
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**Networking Lunch**
### Day Three – Thursday 10th November 2022

#### 16:30 – 17:00: Afternoon Break

#### 17:05 – 18:05: Conference Close and Networking Drinks Reception
## Biodata World Congress

### Chair Remarks: Shubha Chaudhari, Head of Clinical Technology Solutions, GSK

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker</th>
<th>Institute/Company</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Chair Remarks</td>
<td>Paul Nai, Vice President, Discovery and Translational Research, Aymen Pharmaceuticals</td>
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<tr>
<td>08:40</td>
<td>The future of R&amp;D: Harnessing R&amp;D to accelerate drug development</td>
<td>Christopher Boone, VP, Global Head, Health Economics &amp; Outcomes Research, Abbvie</td>
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<tr>
<td>09:00</td>
<td>A Computer Science Looks at Discovery Science</td>
<td>Hal Stern, VP &amp; CIO, Pharmaceutical R&amp;D, Janssen</td>
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<tr>
<td>09:20</td>
<td>What does digital transformation mean for Big Pharma?</td>
<td>Thomas Sanderson, Senior Vice President, Data Science, Novo Nordisk</td>
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<tr>
<td>09:40</td>
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<td>Panel (Sell Side)</td>
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<td>10:00</td>
<td>Panel (Sell Side)</td>
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### Networking Break

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<tr>
<td>10:40</td>
<td>Chair Remarks</td>
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<td>Chair Remarks</td>
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### Eating & Networking Lunch

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<td>12:00</td>
<td>Chair Remarks</td>
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<td>Chair Remarks</td>
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### Chair Remarks: Robert Di Perri, Senior Principal Scientist and People Coach, Predictive Modelling and Data Analytics, Roche

### Bioinformatics Live

<table>
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<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institute/Company</th>
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<tr>
<td>14:00</td>
<td>Chair Remarks</td>
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<td>Chair Remarks</td>
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### PharmAI

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<tr>
<td>15:00</td>
<td>Chair Remarks</td>
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*Note: The table is a representation of the agenda for the Biodata World Congress and Bioinformatics Live sessions.*
| Analytics/AI from drug discovery through to regulatory submissions | Eric Genevois-Marlin, Head of RD Data and Data Sciences (DDS), Sanofi |
| Clinical & Biomarker Informatics, Roche |
| Thorsten Rall, SVP, Global Head Digital Transformation & Innovation, Novartis |

16:10 Close of Conference