NextLevel® life sciences

FIFTH ANNUAL - LIFE SCIENCE

R&D DATA INTELLIGENCE LEADERS FORUM

Basel, Switzerland

January 23-24th, 2018

Optional Workshop 22nd, January

5 EVENTS IN ONE:

Day 1:
Strategic Developments in R&D Big Data

Day 2 (am): Stream 1
Discovery & Omics Data Excellence

Day 2 (am): Stream 2
Clinical & Patient Level Data Excellence

Day 2 (pm): Stream A
R&D IT & Bioinformatics

Day 2 (pm): Stream B
Digital Health Collaborations

Pre-Event Workshop: Jan 22nd
Artificial Intelligence for Drug Discovery: Workshop for Senior Executives

This Event is Certified for Continuing Professional Development

CPD CERTIFIED The CPD Certification Service

Hear keynote presentations from the experts:

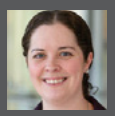
Etzard Stolte
Global Head Knowledge Management
Roche, Switzerland

Abhimanyu Verma
Lead, Applied Technology Innovation
Novartis, Switzerland

Torsten Niederdraenk
Head of Technology Center
Siemens Healthcare, Germany

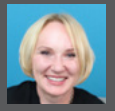
Catherine Brownstein
Scientific Director
Manton Center for Orphan Disease Research
Boston Children's Hospital, USA

Navin Ramachandran
Radiology Consultant
University College London Hospitals NHS Foundation Trust,
Healthcare specialist in distributed ledgers and IoT
IOTA Foundation, UK



Christine Loreth
Manager, Research and Early Clinical Development Business Technologies,
Pfizer, USA

Alex Zhavoronkov
Co-founder, Insilico Medicine, CSO
The Biogerontology Research Foundation, UK



Ivana Schnur
Co-founder, CMO
Sense.ly, USA

Paul Wicks
Vice President of Innovation
PatientsLikeMe, UK

Jazz Panchoo
Global Strategy Head, VP, Digital Platforms
Ascensia Diabetes Care, Switzerland

with more than 30 presentations from R&D Data Experts

Speakers Overview:

Expert Speakers:

Life Sciences Industry

Etzard Stolte
Global Head Knowledge Management
Roche, Switzerland

Abhimanyu Verma
Lead, Applied Technology Innovation
Novartis, Switzerland

Vijay K. Bulusu
Head, Data & Digital Innovation Worldwide Research & Development
Pfizer, USA

Torsten Niederdraenk
Head of Technology Center,
Siemens Healthcare, Germany

Michael Rebhan
Senior Investigator
Novartis Institutes for BioMedical Research, Switzerland

Edgar Jacoby
Senior Principal Scientist Computational Chemistry
Janssen, Belgium

Alex Zhavoronkov
Co-founder, Insilico Medicine, CSO, **The Biogerontology Research Foundation,** UK

Sebastian Streit
Lead of Manufacturing Intelligence
Roche Pharma Manufacturing IT, Switzerland

Aliki Taylor
Director Global Outcomes Research,
Takeda, UK

Istvan Enyedy
Principal Scientist
Biogen, USA

Francis Kendall
Digital Strategy Leader
Roche, USA

Hans Martens
Regional Privacy Manager Europe
GSK, Netherlands

Adam Yeung
Strategy & Business Development Manager, Europe & EMA
BD, Switzerland

Jazz Panchoo, Global Strategy Head, VP, Digital Platforms
Ascensia Diabetes Care, Switzerland

Chris Shilling
Consultant, Innovation Vizier,
Pharma Diagnostics, UK

Christine Loreth
Manager, Research and Early Clinical Development Business Technologies
Pfizer, USA

Zhenyu Xu
Chief Technology Officer
Sophia Genetics, Switzerland

Ulrich Muehlner
Founder & Managing Director
GrowthCube Partners, Switzerland

Independent Thought Leaders

Brian Kennedy
Professor of Biochemistry and Director Centre for **Healthy Ageing, Yong Loo Lin School of Medicine, National University** Singapore

Andrew Beal
Director, Blockchain and Distributed Infrastructure
Ernst & Young, USA

Navin Ramachandran
Radiology Consultant
University College London Hospitals NHS Foundation Trust, Healthcare specialist in distributed ledgers and IoT
IOTA Foundation, UK

Isabelle Hilali
Managing Director
Center for Research and Interdisciplinarity (CRI), and Board member, **Healthcare Data Institute (HDI),** France

David Wortley, President of European Chapter, **International Society of Digital Medicine (ISDM),** Founder, **GAETSS,** UK

Academic Research Institutes

Catherine Brownstein
Scientific Director
Manton Center for Orphan Disease Research
Boston Children's Hospital, USA

Sven Nahnsen
Head of the Quantitative Biology Center
University Tübingen, Germany

Tomaz Gornik
CEO, **Marand,**
Co-Chair, **openEHR Foundation,** Slovenia

R&D HW/SW Developers

Jon McLoone
Director of Technical Communication and Strategy,
Wolfram Research, UK

Ivana Schnur
Co-founder, CMO
Sense.ly, USA

Yury Rozenman, Director of Business Development,
Qualcomm Life, USA

Patient Platforms

Paul Wicks
Vice President of Innovation,
PatientsLikeMe, UK

Solution providers

Stephen A. Brobst
CTO
Teradata Corporation

Peter Grolimund
Sr. Life Science Industry Consultant,
ThinkBig Analytics (a Teradata company)

Matthias Evers
Senior Partner
McKinsey, Germany

Eoin Leydon
Associate Partner - QuantumBlack, **McKinsey**, UK

Event Partners:

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Event Structure

PRE-EVENT WORKSHOP (22nd January)	DAY 1 (23rd January)	DAY 2 (24th January) (am)	DAY 2 (24th January) (pm)
ARTIFICIAL INTELLIGENCE FOR DRUG DISCOVERY: WORKSHOP FOR SENIOR EXECUTIVES	STRATEGIC DEVELOPMENTS IN R&D BIG DATA	STREAM 1: DISCOVERY & OMICS DATA EXCELLENCE	STREAM A: R&D IT & BIOINFORMATICS
		STREAM 2: CLINICAL & PATIENT-LEVEL DATA EXCELLENCE	STREAM B: DIGITAL HEALTH COLLABORATIONS

Who Will Benefit:

Scientific Officers, Chief Information Officers, Chief Technology Officers, Knowledge & Data Management (Discovery, Clinical & Real-World Data), R&D Analytics, Informatics, R&D Innovation, External Alliances & Innovation, R&D Strategy.

Also: VPs Directors & Senior Managers involved in:

Stream 1: Drug Discovery, R&D, Lead Identification & Target Validation, Screening, Translational R&D, Genomics & Proteomics, Biomarker R&D, Senior Scientist, Biostatistics, Biometrics, Precision Medicine, Personalised Medicine, Computational Biology.

Stream 2: Clinical Development, Clinical Data Management, e-Clinical, Electronic Data Management, Health Economics & Outcomes Research, Real-World Evidence Generation, Late-Phase Research, Epidemiology, Drug safety & Pharmacovigilance, Medical Information.

Stream A: Information Technology & Services, R&D IT, IT Hardware & Infrastructure, Software, Database Management.

Stream B: eHealth, mHealth, Connected Health, Digital Health Solutions, Strategic Medical Innovation, Business Development, Strategic Collaborations, Alliances, External Innovation, Patient Engagement

Event Overview

Achieving excellence with R&D data will enable the life sciences industry to increase the speed and quality of innovation and is thus a major source of competitive advantage. Whether researchers and informaticians deal with "big data," "deep data" or just put their data to smarter use, it is clear that the future of R&D is dependent on both smart technologies and clever researchers. The rapid progress of innovation in software and powerful hardware now allows human researchers to interpret masses of amounts of raw data in unique ways and is redefining the R&D business model. The benefits range from discovery and "omics" research, through to clinical trials and to real patients in the real-world. However, it is major technical, financial and operational challenge to turn "messy" data into structured data, that can be used for advanced analytics that can spot opportunities and achieve true insights. Some of the most promising areas of technological innovation making rapid progress include, for example, artificial intelligence, machine learning, cloud computing and the blockchain (distributed ledgers). There is also huge potential for efficient collaborations between the life science industry, technology companies, academic researchers, health systems, physicians and health insurers. A deeper convergence between key stakeholders and advanced technologies will facilitate the discovery and development of powerful therapies, devices and advanced diagnostics to benefit patients.

The **"R&D Data Intelligence Leaders Forum"** is the must attend event for those senior decision-makers, researchers and technologists, looking to make the shift towards an integrated R&D and data strategy and for those looking to improve their implementation of data-driven approaches to enhance R&D decision-making and intelligence.

Day One – Strategic Developments in R&D Big Data

Will feature several keynote presentations from thought leaders from both the R&D and technology perspectives on how data is redefining the R&D model and enabling R&D decision making and innovation. This strategic-level discussion from senior-level experts will look at what technologies and approaches are already creating an impact in R&D, but also what will be critical tomorrow. They will discuss what technological, financial, regulatory and operational challenges need to be overcome to ensure that key insights are achieved and R&D intelligence is dramatically enhanced to ensure patient benefit.

Day 2 (am) - Stream 1: Discovery & Omics Data Excellence

This stream will focus on how to plan and implement data driven approaches in the drug discovery process to unlock innovation. Huge volumes of raw data can be merged with other data sets, structured and analysed from a myriad of perspectives, to not just achieve answers to complex research questions, but to also develop new hypotheses themselves. Attendees will understand how a dedicated R&D data strategy for precision medicines and large "Omics" data volumes can achieve deep insights that enhance R&D decision making and innovation.

Day 2 (am) - Stream 2: Clinical & Patient-Level Data Excellence

This stream will feature best practice case studies of designing, collecting & managing large sets of clinical-stage and patient-level data from both clinical and informatics experts. Specific attention will be paid to taking advantage of electronic data capture (EDC) technologies, but also the potential of new techs such as the blockchain. This stream will also feature examples of use of disruptive technologies to develop secure, patient-level data, as well as examples of strategic partnerships between the key industry players, academia and patient networks to achieve patient-centric health outcomes.

Day 2 (pm) - Stream A – R&D IT & Bioinformatics

One of the key barriers to achieving success in R&D from a dedicated "big" or "deep" data strategy, is how to realise R&D potential with the technical capabilities and limitations of IT. The cost of data storage, management and analysis may be declining rapidly, allowing Big Data to become more realistic than ever, yet it is still an immense challenge. Being able to predict which IT investments into modern infrastructure, advanced software and high-level security, will achieve a return on investment is extremely difficult, especially given the wealth of expensive technological options. This stream will analyse the IT possibilities of today, as well as take a peek into the near-future. Participants will appreciate how informaticians and technologies can facilitate R&D teams to achieve unique insights into large data sets to increase the intelligence of the whole R&D organization.

Day 2 (pm) - Stream B – Digital Health Collaboarations

Digital health often represents the convergence of connected health, m-health, quantified-self, genomics, diagnostics, social media, electronic medical records and other exciting technologies and trends. Digital health is among the key phenomena driving transformation in the life science industry and the quest for achieving patient and stakeholder value. This significant paradigm shift within healthcare and the rise of the connected patient is creating vast opportunities for life science innovators to achieve critical insights into patient needs, but many questions remain unanswered and the exact way forward is uncertain. Technology companies are increasingly entering the healthcare space and the opportunity for alliances with life science companies, academic researchers and healthcare systems is immense. The wealth of healthcare "big data" emanating from novel-yet-disparate sources, creates as many challenges as opportunities and developing analytics from the "data deluge" is difficult. Yet digital health is also fostering collaboration opportunities between the life science industry, patients, doctors and the broader healthcare system, all who share the goal of improving the patient experience. The aim of this one day stream, is to allow every stakeholder group (from patients, to the life science industry, payers, physicians, as well as technology and data companies) to voice their opinion on future possible collaborations and especially, how to realise the immense opportunities to improve product innovation to enhance patient value.

Stategic Developments in R&D Big Data

DAY 1 - 23rd January, 2018

08.30 Registration & Coffee
08.50 Chairperson's Opening Remarks:

LEVERAGING DATA INTELLIGENCE TO REDEFINE THE R&D MODEL IN LIFE SCIENCE

09.00 **Transition from sick-care to health-care and the technology convergence enabling this change**

Brian Kennedy, Professor of Biochemistry and Director Centre for **Healthy Ageing, Yong Loo Lin School of Medicine, National University** Singapore

09.20 **Advanced Analytics in Pharmaceutical Innovation 2018 - Coming of Age?**

- Advanced Analytics in pharma innovation is picking up pace with many moves from early 'proof of concept' into practice, ranging from discovery, through development and real-world evidence
- Organizations also find synergies between advanced analytics and digital innovations more broadly, including automation and new innovation approaches
- However, the "final mile" towards unlocking value-at-scale often requires new technology stacks and capabilities, but also a focus on change management to adopt very different ways of working
- Hence, end-to-end tech-enabled transformation approaches become attractive for organizations to reimagine pharmaceutical R&D

Matthias Evers, Senior Partner, **McKinsey,** Germany
Eoin Leydon, Associate Partner - QuantumBlack, **McKinsey,** UK

10.00 **Intelligent Data Integration across R&D**

- Properly controlled, various AI methods will improve data integration quality and accuracy.
- Traditional semantics methods form the basis for integration platform.
- This talk will present some learnings building an integration platform for thousands of R&D users.

Etzard Stolte, Global Head Knowledge Management
Roche, Switzerland

10.30 Networking & Coffee Session:

11.00 **Crossing the chasm - realizing the value of a Big Data strategy: A case study**

- A case study on turning strategy to execution success delivering value of a big data/RWE strategy, getting management buy in, achieve ROI from investments, what KPIs and outcomes define we're on the right path to "success? What are the ecosystem levers to make a sustainable impact ?"

Abhimanyu Verma, Lead, Applied Technology Innovation
Novartis, Switzerland

11.30 **The Sentient Enterprise or 'Sentient' Health care as a vision in using data**

- Another approach to personalized Medicine and outcome based re-imbursement: The sentient health-care (enterprise)
- The technology and trends to get there
- The data and analytical democracy of all stakeholders
- The major challenges and how to handle those in order to manage the health-care costs
- Other industries and how do they transform into

Stephen A. Brobst, Chief Technology Officer,
Teradata Corporation, USA

12.00 **Scientific Data Cloud: An integrated approach to maximize value from research, development and manufacturing data**

Can we build an end-to-end platform that can:

- Simplify the effort involved in capturing, processing, storing, retrieving, reusing and analyzing scientific data generated by laboratory/manufacturing instruments and equipment
- Enhance scientific data management processes
- Provide a secure repository for storing all lab and manufacturing raw data files
- Enable simple, fast way to search and retrieve data
- Deliver visualization & analytics tools for finding trends/patterns in scientific data

Vijay K. Bulusu, Head, Data & Digital Innovation Worldwide Research & Development
Pfizer, USA

INTEGRATING AI INTO THE R&D STRATEGY

12.30 **Artificial Intelligence in Healthcare: Towards smarter decisions**

In the healthcare environment, digitalisation helps to create new levels of transparency, to gain new medical knowledge and to use this for better clinical decisions. Looking forward, technologies from the field of Artificial Intelligence provide the tools for smarter medical devices. These will further enhance the resulting diagnostic quality and boost the approach towards prediction and prescription.

Torsten Niederdraenk, Head of Technology Center
Siemens Healthcare, Germany

13.00 Luncheon Break

BLOCKCHAIN & DISTRIBUTED LEDGERS IN R&D

14.00 **Using Blockchains to Improve Master Data Management**

Exploring how a distributed ledger can support new networks for managing provider and patient identity information, and the incentive models required for these networks to function properly.

Andrew Beal, Director, Blockchain and Distributed Infrastructure
Ernst & Young, USA

14.30 **Exploring Blockchain use case within the Pharma Development Paradigm**

- Life science blockchain landscape.
- Potential use cases within pharma.
- Potential use cases within lifesciences.
- The maturity of blockchain and associated pitfalls.

Francis Kendall, Digital Strategy Leader
Roche, USA

15.00 **Use of scalable distributed ledger technology in healthcare delivery and research: The IOTA platform**

Navin Ramachandran, Radiology Consultant
University College London Hospitals NHS Foundation Trust
Healthcare specialist in distributed ledgers and IoT, **IOTA Foundation,** UK

15.30 Networking & Coffee Session:

PRE-COMPETITIVE PARTNERSHIPS & COLLABORATIONS

16.00 **Partnerships and collaborations across the industries to advance data driven research**

Isabelle Hilali, Managing Director
Center for Research and Interdisciplinarity (CRI)
and Board member, **Healthcare Data Institute (HDI),** France

16.30 **Panel Discussion: Leveraging data intelligence to redefine the R&D model in life science**

- Harnessing the power of precision medicine and genomics through converging technologies: challenges and opportunities.
- What impact will blockchain & distributed ledgers have on life science R&D and healthcare as such?
- Adoption and application of AI in life sciences, what impact will it have?
- Which advanced technological methods will be shaping the future of Big Data?

Brian Kennedy,
Healthy Ageing, Yong Loo Lin School of Medicine, National University Singapore

Etzard Stolte, Roche, Switzerland

Abhimanyu Verma, Novartis, Switzerland

Torsten Niederdraenk, Siemens Healthcare, Germany

Francis Kendall, Roche, USA

Navin Ramachandran, University College London Hospitals NHS Foundation Trust, IOTA Foundation, UK

Isabelle Hilali, Center for Research and Interdisciplinarity (CRI), Healthcare Data Institute (HDI), France

17.10 Chairperson's Closing Remarks 17.20 End of Day One

19:30 Exclusive Complimentary NETWORKING DINNER for all participants

Discovery & Omics Data Excellence

R&D IT & Bioinformatics

DAY 2 (am & pm) - Stream I & A: 24th January 2018

08.30 Registration & Coffee

09.00 Chairperson's Opening Remarks:

UTILISING BIG DATA FOR DRUG DISCOVERY & TRANSLATIONAL RESEARCH

09.10 **Next-Generation Sequencing, Proteomic & Genomic Big Data: As a source of developing new Biomarkers & Personalised Medicines: How do we deal with the data bottleneck?**

Catherine Brownstein, Scientific Director, Manton Center for Orphan Disease Research, **Boston Children's Hospital,** USA

09.40 **Artificial intelligence for drug discovery, biomarker development and aging research**

Alex Zhavoronkov, Co-founder, **Insilico Medicine,** CSO
The Biogerontology Research Foundation, UK

10.10 **Towards a systems approach for chronic diseases, based on health state modeling**

Michael Rebhan, Senior Investigator
Novartis Institutes for BioMedical Research, Switzerland

10.40 Networking & Coffee Session

11.10 **Functional Genomics Enablement: Accelerating target identification and validation**

- Enabling 'bench top to archive' pipelines that support scientists workflows for genomics screening, RNA-seq, high content imaging, cytometry, and proteomics
- Creating the ability to query and bring together data across technology platforms
- Building the ability to search compound information

Christine Loreth, Manager, Research and Early Clinical Development Business Technologies, **Pfizer,** USA

COMPUTATIONAL CHEMOGENOMICS

11.40 **Computational Chemogenomics 2.0**

- The compound-target SAR Matrix: The central dogma.
- Applications of Chemogenomics in drug discovery: Safety and efficacy.
- Future molecular information systems.

Edgar Jacoby, Senior Principal Scientist Computational Chemistry
Janssen, Belgium

12.10 **Panel Discussion: Big Data, Machine Learning & AI in drug discovery**

- What is the current and future value of AI applications in life science R&D?
- Which advanced technological methods will be shaping the future of drug discovery and development?
- How can strategic collaborations advance data-driven drug discovery?

Michael Rebhan, Senior Investigator
Novartis Institutes for BioMedical Research, Switzerland

Edgar Jacoby, Senior Principal Scientist Computational Chemistry, **Janssen,** Belgium

Alex Zhavoronkov, Co-founder, **Insilico Medicine,** CSO
The Biogerontology Research Foundation, UK

Christine Loreth, Manager, Research and Early Clinical Development Business Technologies, **Pfizer,** USA

Catherine Brownstein, Scientific Director, Manton Center for Orphan Disease Research, **Boston Children's Hospital,** USA

12.40 Luncheon Break

AI, MACHINE LEARNING & BLOCKCHAIN

13.40 **Making Data-Driven Medicine a reality: High-precision routine clinical diagnostics using SOPHiA AI, the collective Artificial Intelligence for clinical genomics**

Zhenyu Xu, Chief Technology Officer, **Sophia Genetics,** Switzerland

14.10 **Blockchain usage evaluation in Pharma: Putting reality back into a hype topic**

- What is Blockchain - and why the hype?
- Evaluation matrix of a BC project: How to determine if you have a use case.
- Example evaluation experience shared: Supply Chain as possible BC use case.
- Final thoughts: What can be expected from BC as a daily tool in the future?

Sebastian Streit, Lead of Manufacturing Intelligence, **Roche Pharma Manufacturing IT,** Switzerland

HIGH-PERFORMANCE COMPUTING

14.40 **Advanced software systems to support Big Data computing**

Jon McLoone, Director of Technical Communication and Strategy
Wolfram Research, UK

16.10 **Kriging, a Machine Learning Algorithm that may improve Drug Discovery**

- Building prediction models using information from high throughput screening.
- Scaling up the number of prediction models as data-sets become available.

Istvan Enyedy, Principal Scientist, **Biogen,** USA

15.40 Networking & Coffee Session

NEXT GENERATION IT INFRASTRUCTURE

16.10 **Building advanced IT infrastructure to accommodate large and increasing volumes of data**

- Discussion of challenges associated with sustainable and scalable data management.
- Value of automation in data-related processes.
- Use cases from oncology research.

Sven Nahnsen, Head of the Quantitative Biology Center
University Tübingen, Germany

16.40 **Panel Discussion: How can humans and technologies together best achieve synergies to create innovation?**

- Blockchain technology and its potential to provide the solution to connect large amounts of information on disparate networks to a common infrastructure, to create an integrated solution for existing health IT interoperability.
- External collaborations: Increasing interoperability & secure sharing to data sources.
- What impact will the introduction of quantum computing have on R&D IT?

Alex Zhavoronkov, Insilico Medicine, The Biogerontology Research Foundation, UK
Sebastian Streit, Roche, Switzerland
Jon McLoone, Wolfram Research, UK
Istvan Enyedy, Biogen, USA
Sven Nahnsen, University Tübingen, Germany
Zhenyu Xu, Sophia Genetics, Switzerland

17.10 Chairperson's Closing Remarks

17.20 End of Day Two

Clinical & Patient Level-Data Excellence

Digital Health Collaborations

DAY 2 (am & pm) - Stream A & B: 24th January 2018

08.00 Registration & Coffee
08.30 Chairperson's Opening Remarks:

EU BIG DATA INITIATIVES

08.40 **The Innovative Medicines Initiative (IMI) and big data**

- Big data for better outcomes (BD4BO)
- HARMONY – a focus on haematological initiatives
- Future projects and data sharing in IMI

Aliki Taylor, Director Global Outcomes Research, **Takeda**, UK

DATA GOVERNANCE

09.10 **The EU General Data Protection Regulation (GDPR) in data privacy regulation and its impact on data governance**

Hans Martens, Regional Privacy Manager Europe, **GSK,** Netherlands

DATA DEMOCRATIZATION

09.40 **Democratizing data: delivering insights to the people who need it most**

- Increasing engagement and understanding of clinical studies with internal and external stakeholders.
- Setting up the infrastructure required to create a scalable analytics platform.
- Changing conversations by delivering personalized analysis as a service.

Adam Yeung, Strategy & Business Development Manager, Europe & EMA **BD,** Switzerland

10.10 **Putting the patient/citizen into the driving seat**

- The key elements to leverage the potential of electronic health care data: Where is the trust?
- Regulations which might support it: GDPR and other regulations
- Who are the partners/stakeholders and their major responsibilities?
- Democratization of the analytics and data: Patients view and the citizen handle it?
- Ethical consideration about not being in a position using the data: Another view or how interests might need a balance and who might be in charge?

Peter Grolimund, Senior Industry Consultant Life Sciences **ThinkBig Analytics a Teradata Company**, Switzerland

10.40 Networking & Coffee Session

DATA AND TECHNOLOGY-DRIVEN CLINICAL TRIALS

11.10 **A hybrid online trial of Lunasin in ALS with PatientsLikeMe**

- Impact of patient information sharing online, particularly in ALS, culminating in participant-led research.
- How researchers are conducting their own rapid, patient-centered studies & impact for industry.
- Examples of collaborating with Duke University on a novel trial in ALS.

Paul Wicks, Vice President of Innovation, **PatientsLikeMe,** UK

11.40 **The post-modern EHR: The next generation clinical data platform approach to healthcare data capture**

- Why the next generation of frontline health applications will be built on open data platforms.
- How openEHR is being used to deliver Cancer and Rare disease clinical phenotype data repositories for the UK 100,000 Genomes project
- How close are we to seamlessly re-using frontline data for clinical research?

Tomaz Gornik, CEO, **Marand**, Co-Chair, **openEHR Foundation**, Slovenia

12.10 **Panel Discussion: Emerging technology and strategic approaches enabling the use of consumer & patient data in R&D**

- Big Data for clinical trials? What is needed to make it reality?
- What's the potential of the blockchain technology to ensure data security on all levels?
- Data security, what has the industry learned from recent cybersecurity attacks?
- Patient Data: Ownership issues, potential access models & the benefits this data could bring if unlocked.

Hans Martens, GSK, Netherlands
Paul Wicks, PatientsLikeMe, UK
Peter Grolimund, **ThinkBig Analytics**
Adam Yeung, BD, Switzerland
Tomaz Gornik, openEHR Foundation

12.50 Luncheon Break

FUTURE OF DIGITAL MEDICINE

13.50 **The impact of disruptive digital technologies on the future of medicine, health and well-being**

- What is the role of digital technologies in the future of medicine, health, and well-being?
- What significant digital technologies are emerging in medicine, health and well-being?
- What is the likely impact of future developments in digital technologies?
- How can the study and practice of digital medicine shape a sustainable future for stakeholders in medicine, health and well-being?

David Wortley, President of European Chapter, **International Society of Digital Medicine (ISDM),** Founder, **GAETSS,** UK

PATIENT MANAGEMENT SYSTEMS

14.10 **Digital Health: Shifting the focus of care to patient experience**

Jazz Panchoo, Global Strategy Head, VP, Digital Platforms **Ascensia Diabetes Care,** Switzerland

DIGITAL HEALTH

14.40 **Integrating AI into every aspect of the patient journey**

Ivana Schnur, Co-founder, CMO, **Sense.ly,** USA

15.10 Networking & Coffee Session

15.40 **Internet of Things will have 50 billion objects by 2020, how to best leverage this connectivity?**

Yury Rozenman, Director of Business Development, **Qualcomm Life,** USA

RESPONSIBLE RESEARCH & INNOVATION

16.10 **Real consequences in a virtual world: Accepting the responsibility of Big Data**

Responsible Research & Innovation is a growing driver in EU policy development. The RRI office in the European Commission provides guidance to all DGs on incorporating the RRI principles into R&D and innovation activities, and a range of strongly academic research has been funded during Horizon 2020. Whilst pharma companies are strong leaders in corporate social responsibility, RRI goes much further, impacting decisions on what research should be done, and how. As the importance of big data in pharmaceutical R&D grows, what particular RRI considerations does it drive? What responsibility do the different actors in the big data chain have for protecting the data, and for sharing insights generated through its analysis?

- What are the ethical implications of the predictive analytics that big data fuels?
- Should the providers and interpreters of big data be held to the same levels of accountability as researchers conducting 'physical' research?

Chris Shilling, Consultant, Innovation Vizier, **Pharma Diagnostics,** UK

16.40 **Panel Discussion: Future trends in digital health & collaborations**

- Potential of the Connected Health: Healthcare IT innovations that are connecting Patients, Providers & Payers.
- Collaborating with technology companies: How emerging high-tech companies can forge win-win alliances with the life science industry via Open Innovation.

Jazz Panchoo, Ascensia Diabetes Care, Switzerland
Ivana Schnur, Sense.ly, USA
Yury Rozenman, Qualcomm Life, USA
Chris Shilling, Pharma Diagnostics, UK

17.10 Chairperson's Closing Remarks

17.20 End of Day Two

Pre-Event Workshop:
Artificial Intelligence For Drug Discovery

Workshop for Senior Executives:

January 22nd, 2018 (13.00-17.30) - Workshop Overview:

Recent advances in machine learning and specifically deep learning demonstrated unprecedented results in many applications with artificially intelligent systems surpassing human and superhuman accuracy in image recognition, voice recognition and advanced strategy games including the game of Go. These advances are rapidly propagating into the many industries with transformative impact. In just under two years since achieving near-human accuracy in image recognition, deep learning systems powered by the Graphics Processing Unit (GPU) computing enabled autonomous driving and were implemented in mass produced consumer vehicles and enabled driverless trucking.

Artificially intelligent systems are expected to transform industries, where large amounts of data are available for training, and the pharmaceutical industry is one of the few industries, where multi-modal data is abundant. The impact of the recent advances in AI on the pharmaceutical industry is expected to be immense at every level from lead generation to clinical trials management to marketing. Aside from the cost-cutting potential, where the artificially intelligent systems can replace entire divisions, the efficiency of pharmaceutical R&D may be significantly increased.

Like Uber, Amazon and Tesla every pharmaceutical company should consider setting up artificial intelligence research and implementation departments with significant flexibility and agile "skunkworks-style" project management capabilities. However, this transformation needs to start at the helm of every organization and the clear vision for the role of artificial intelligence in the pharmaceutical industry.

The main obstacle impeding the propagation of the recent advances in artificial intelligence into the pharmaceutical industry is the gap between expertise in biology, chemistry, medicine and computer science. The first drug companies to bridge this gap will be the future industry leaders.

This workshop will help bridge this gap at the executive level starting from the vocabulary and the overview of the data requirements to the understanding of the near-term hardware roadmaps covering GPU and other emerging technologies.

Objectives of the workshop:

- Provide an umbrella view of the current state and directions in deep learning.
- Introduce the industry executives to deep learning and the basic terminology.
- Present the recent trends in deep reinforcement learning and generative models.
- Big picture of the business areas within the pharmaceutical companies, where deep learning technologies may have transformative effects.
- Provide the use cases of AI in drug discovery, clinical trials management and...
- Executive-level introduction to the "who is who" in deep learning and artificial intelligence.
- Provide an overview of the competitive landscape in artificial intelligence for drug discovery.

Benefits of the workshop:

- Learn to speak the same language with the leaders of AI-powered industries.
- Effectively integrate AI into the every part of the organization.
- Understand the hardware and data ecosystem for successful applications of AI.
- Learn about the "hot areas" in AI.

Who should attend:

CEOs, CSOs, presidents, executives vice presidents, board members, strategy officers, senior innovation officers,
HR executives: Scientific Officers, Chief Information Officers, Chief Technology Officers, Knowledge & Data Management (Discovery, Clinical & Real-World Data), R&D Analytics, Informatics, R&D Innovation, External Alliances & Innovation, R&D Strategy.

Workshop Coordinators:

Alex Zhavoronkov
Co-founder
Insilico Medicine
CSO, **The Biogerontology Research Foundation,** UK

Ulrich Muehlner
Founder & Managing Director
GrowthCube Partners, Switzerland

Event Partners & Networking

Event Partners:

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Our team will be happy to tailor a package to suit your needs and get you the optimal level of exposure!



Networking - Join the industry's best, most intimate events for networking!

The Life Science R&D Data Intelligence Leaders Forum will provide all delegates the chance to meet one another through our many networking opportunities. With mid-morning and mid-afternoon breaks as a standard, this event will also feature a complimentary networking dinner for all participants. This evening will allow you to meet with our expert speaker panel who represent many stakeholder groups in a less formal setting. Our networking lunches will also allow you plenty of time to meet with your peers and colleagues whilst you refuel through the event.

Media Partners:

Previous Attendees at Life Science R&D Data Intelligence Leaders Forum 2017

Company Name	Job Title	Country
Abbott Vascular	Director, Clinical Research	United States of America
Actelion	Head Translational Science	Switzerland
Actelion	Senior Expert Biostatistician	Switzerland
ActivX Biosciences	Director, Bioinformatics	United States of America
Agfa HealthCare	Chief Medical Officer	Belgium
Air Liquide Santé International	Biomedical Solution Research Engineer	France
Alk Abello	Head of Bioinformatics	Denmark
ALK Abello	Team Leader, Head of Bioinformatics	Denmark
Altmetric, LLP	Product Sales Manager	United Kingdom
ARTEFAKT AI	CEO & Founder	France
Astellas	RWI Drug Discovery Research Liaison	United States of America
Astellas	Head of RWI Strategic Capabilities & Alliances	United States of America
Baxalta	EVP, Head of Corporate Strategy and Customer Operations	United States of America
Bayer	IT Project Manager for Early Research	Germany
Bayer	Business Partner	Germany
Bayer	VP, IT Business Partner RLE	Germany
Bayer	Business Partner Clinical Sciences	Germany
Bayer	Head of Early Development	Germany
Bayer AG	Head Global Clinical Sciences Operations	Germany
Bayer Business Services	VP R&D IT Systems	Germany
Bayer Business Services	Head of Omics	Germany
Bayer Business Services GmbH	IT Business Partner Clinical Sciences	Germany
Bayer Business Services GmbH	R&D-IT Business Partner Research	Germany
Biogen	Digital Health Technology & Data Science Manager	United Kingdom
Biogen Idec	Director, Digital Strategy & Innovation | Digital Health Tech & Data Sciences	United States of America
BioVariance GmbH	Managing Director	Germany
Biozentrum University Basel, Swiss Institute of Bioinformatics	Professor for Structural Bioinformatics	Switzerland
BMS	Director Clinical Cytometry, Biomarker Technologies, ECTR	United States of America
Boehringer Ingelheim	Global Senior Medical Director Respiratory; Global Team Leader Medical Affairs	Germany
Boehringer Ingelheim	IT Architect	Germany
Cancer Commons	Director, Global Alliances	United Kingdom
dacadoo ag	Chief Operating Officer	Switzerland
Dana-Farber Cancer Institute	Professor of Biostatistics and Computational Biology, Director	United States of America
DNAnexus, Inc.	CEO	United States of America
DTI	Sales Director	France
Eisai	VP Neuroscience Clinical Development	United States of America
EPAM SYSTEMS	Account Manager	Switzerland
European Bioinformatics Institute	Data and Security Working Group Manager for Global Alliance for Genomics and Health(GA4GH)	United Kingdom
EuroRec Institute	President	United Kingdom
F. HOFFMANN-LA ROCHE LTD	Chief Technology Officer	Switzerland
F. Hoffmann-La Roche Ltd.	Solution Architect	Switzerland
F. Hoffmann-La Roche Ltd.	Informatics Project Manager	Poland
F. Hoffmann-La Roche Ltd.	Business Solution Manager	Switzerland
F.Hoffmann-La Roche Ltd	Group Head Early Phase CDM	Switzerland
Ferring Pharmaceuticals A/S	SVP, Global Clinical and Non-Clinical R&D	Denmark
Foundation Medicine	VP Knowledge Informatics	United States of America
GE Global Research	Head of bioinformatics at GE Global research	United States of America
GE Healthcare	Chief Technology Officer	Sweden
Genedata AG	Business Account Manager	Switzerland
Good Clinical Practice Alliance - Europe	Executive Director	Belgium
Grunenthal	Senior Director, Head Global Data Services	Germany
Grunenthal GmbH	Senior Vice President - Head of Global Biometrics	Germany
Grunenthal GmbH	Head Clinical Development	United Kingdom
GSK	Regional Privacy Manager Europe	Belgium
GSK	Senior Data Scientist	Germany
GSK	Senior Data Scientist	Germany
Huawei / WuxiNextCode Alliance	Business Development Director	Switzerland

Previous Attendees at Life Science R&D Data Intelligence Leaders Forum 2017

Company Name	Job Title	Country
Huawei European Research Institute	Principal Engineer	Germany
Huawei Technologies Switzerland AG	Senior Client Partner - Pharma / Life Science	Switzerland
IBM Healthcare and Life Sciences	Chief Medical Officer & Director Healthcare Transformation	United States of America
IBM Research	Principal Research Staff Member, Manager, Foundations of Cognitive Solutions	Switzerland
Independence Blue Cross	Director - Corporate Development & Innovation Managing Director, Strategic Innovation Portfolio	United States of America
inhive Group	Senior Specialist, Bioinformatics & Computational Biology	Germany
InnVentis	Chief Executive Officer, CSO & Founder	Israel
Insilico Medicine	Co-founder	United Kingdom
Institute for Interdisciplinary Innovation in healthcare	Executive Director	Belgium
Ipsen Innovation	Digital R&D Manager	France
Janssen	Senior Director, Computational Biology – Discovery Sciences	Belgium
Janssen	Scientific Director, RMEDS, Quantitative Sciences	Belgium
Janssen Research & Development	Data Delivery and Analysis Operations Head for ED and MAF	Belgium
Janssen Research & Development	Associate Director Operational Functional Lead (GCDO-IDAR)	Belgium
Johnson & Johnson	Process Data Integration	Belgium
Johnson & Johnson	Assoc. Director Process Data Integration	Netherlands
McKinsey Analytics	Director & Global Leader	United Kingdom
MED-EL	Data Manager	Austria
Mylan	Head of Health Solutions	Switzerland
Mylan	Medical director	Switzerland
Mylan	Head of Marketing Effectiveness Europe	Switzerland
NEO New Oncology GmbH	Chief Information Officer	Germany
NEO New Oncology GmbH	Head of Computational Biology	Germany
NEO New Oncology GmbH	Head of Computational Biology	Germany
Nestle Institute of Health Sciences	Systems Biology Expert	Switzerland
Nestle Institute of Health Sciences	Systems Biology Expert	Switzerland
Nestle Institute of Health Sciences	Head of Biosystems Informatics	Switzerland
Nestlé Skin Health	Senior Medical Director and Head of Medical Innovation	United States of America
Novartis	Global Head of Real World Evidence Solutions	Switzerland
Novartis	Global Head of Real World Evidence and Big Data Solutions	Switzerland
Novartis	Director Clinical Data Management	Switzerland
Novartis	Associate Director Clinical Data Management	Switzerland
Novartis	Program Manager, Clinical Data Management	Switzerland
Novartis	Associate Director – Data Analyst	Switzerland
Novartis	Head of Development IT	Switzerland
Novartis Institutes for BioMedical Research	Senior Investigator	Switzerland
NVIDIA	Global Business Development Lead	United States of America
NVIDIA	Life & Mat. Sci. Alliances Manager	United States of America
NVIDIA	Artificial Intelligence Developer Relations, EMEA	United States of America
Oracle	Strategic Account Manager	Switzerland
Oracle Health Sciences	Global Vice President, Healthcare	United Kingdom
PerkinElmer	Vice President, Scientific Analytics	Switzerland
Pfizer	Executive Director, Dept. of Genome Sciences & Technologies Worldwide R&D	United States of America
Philips Research	CTO Genomics, Healthcare IT	United States of America
Pistoia Alliance	Executive Director	United Kingdom
Qlaym Healthcare	CIO	Germany
Qlaym Healthcare	Chief Technology Officer	Germany
Qualcomm Life	Director of Business Development	United States of America
Quantellia	Operations Mandate, 2016 for early-stage Start-Up	Switzerland
QuintilesIMS	Director Business Development & Marketing RWE	Germany
QuintilesIMS	Sr Manager Business Development	Germany
QuintilesIMS	TBC 1	Germany

Previous Attendees at Life Science R&D Data Intelligence Leaders Forum 2017

Company Name	Job Title	Country
Roam Analytics	Head of Commercial	United States of America
Roche	Senior Data Scientist	Switzerland
Roche Diagnostics	Head of Innovation Management	Germany
SAFE-BioPharma Association	President & CEO	United States of America
Sanofi	Director, Scientific Communications and Publications Established Products and Emerging Markets	United States of America
Sanofi	Research Scientist	France
Sanofi	Director of Translational Informatics	United States of America
Sanofi Pasteur	Associate Vice President, Innovation and Patient Centricity	United States of America
SAS	Advisory Industry Consultant	United States of America
SAS	Senior Solution Specialist Analytics	Switzerland
SAS	Account Advisor	Switzerland
SAS	Account Manager	Germany
SAS Germany	National Account Executive	Germany
SENS Research Foundation	Chief Science Officer	United States of America
Serascandia	CSO	Denmark
Shire	Associate Director R&D IT	Austria
Siemens Healthcare gmbH	Manager Technology & Innovation	Germany
Siemens Healthcare gmbH	Head of Technology Center	Germany
Siemens Healthineer	Product Manager	Germany
Siemens Healthineer	Product Manager	Germany
Siemens Healthineer	Product Manager	Germany
Sinequa	Sales Director DACH	France
Sinequa	Consultant	France
Suis(s)ePatiente	Founder	Switzerland
The University of Manchester	Lecturer in Healthcare Sciences, Clinical Bioinformatics and Genomic Medicine Programme	United Kingdom
UCB Biosciences	Head of IT Medical	Belgium
University of Zurich	Professor of Bioinformatics	Switzerland
Vifor Pharma	Sr Medical Advisor	Switzerland
Wellcome Trust Sanger Institute	Associate Director	United Kingdom
XRgenomics LTD	Chief Scientific Officer	United Kingdom

Speaker Biographies

Navin Ramachandran
Radiology Consultant
University College London Hospitals NHS Foundation Trust
Healthcare specialist in distributed ledgers and IoT
IOTA Foundation, UK

Dr. Navin Ramachandran MBBS BSc (Hons) MRCP FRCR is a practicing radiology consultant at University College London Hospital (UCLH), an honorary senior lecturer / healthcare data researcher at University College London Centre for Health Informatics & Multi-professional Education (UCL CHIME), and a co-founder of OpenCancer and the Platform for Enhanced Analytics and Computational Healthcare (PEACH). His main interests are in digital design, data modelling, interoperability, analytics, identity, and consent management.

Christine Loreth
Manager, Research and Early Clinical Development Business Technologies
Pfizer, USA

Christine Loreth is a member of Pfizer's Research Business Technologies organization in Cambridge, MA, where she is responsible for designing and executing the technology strategies to support the systems biology community. She serves as a Pfizer representative for external collaborations in the computational science domain. Christine has worked in the pharmaceutical industry for ten years, utilizing her background in molecular and cellular biology, and passion for technology. She has previously held molecular biology based laboratory roles in Pfizer's Oncology Research department and Wyeth's Biological Technologies department.

Yury Rozenman
Director of Business Development
Qualcomm Life, USA

Yury Rozenman currently leads pharmaceutical business development organization at Qualcomm Life. Prior to joining Qualcomm Life, Yury was the head of healthcare and life sciences industry at BT Global Services where he was responsible for the development of life sciences vertical solutions, marketing programs, sales strategy and execution on the global basis. In addition Yury was responsible for driving strategic innovations, ensuring creative excellence and leading the R&D of emerging technologies in order to protect and grow market share for a multi-billion dollar product portfolio. Previous to this, Yury lead the pharmaceutical solutions practice for IBM Life Sciences working with top global pharmaceutical companies to develop and deliver solutions for R&D and Commercial operations. Yury has considerable experience working in and consulting to the pharmaceutical industry, strategic studies, new product and business development and manufacturing across the healthcare industry. Yury has over twenty years' experience in pharmaceutical research and development both as a project team leader and group research manager. He has also worked in diagnostics and medical devices, and has been involved in the development and launch of world class drugs and diagnostic tests.

Brian Kennedy,
Professor of Biochemistry and Director Centre for **Healthy Ageing, Yong Loo Lin School of Medicine, National University** Singapore

Dr. Brian Kennedy is internationally recognized for his research in the basic biology of aging and as a visionary committed to translating research discoveries into new ways of delaying, detecting, preventing and treating human aging and associated diseases. From 2010 to 2016 he was the President and CEO of the Buck Institute for Research on Aging. Currently he remains as a Professor at the Institute, has appointments at a number of other Universities and is actively involved with Biotechnology companies focused on aging.

Adam Yeung
Strategy & Business Development Manager, Europe & EMA
BD, Switzerland

Adam Yeung is the Strategy and Business Development Manager at BD Diabetes Care EMEA, responsible for generating new business models that sustainably improve outcomes and reduce costs. From initiating pilot programs to scaling operations across a country, Adam takes early-stage concepts and turns them into viable solutions. He turned around a struggling business by shifting the organization from selling products to solutions to outcomes, with a laser focus on customers and the effective use of data. Prior to this role, Adam led the Analytics function for Diabetes Care EMEA, turning health data into actionable insights. He was the first at BD to blend machine learning with visual design, resulting in high performance operations and more actionable insights. He was published in the Mayo Clinic Proceedings for his data visualization platform of a clinical study. He also is a consultant for international NGOs and MOHs, working in Madagascar, Ethiopia, and Peru. Adam graduated from Lehigh University with a dual-major in Computer Science and Business.

Istvan Enyedy
Principal Scientist
Biogen, USA

In the past 20 years Istvan J Enyedy has been involved in new target evaluation, hit finding, and hit-to-lead optimization projects for several types of target classes using both ligand and structure-based methods. He is coauthor on more than 40 publications and 12 patents/applications. He received his PhD in 1998 at Catholic University of America, Washington DC, and did postdoctoral training in Dr. Shaomeng Wang's group at Georgetown University Medical Center, Washington DC. Between 2001 and 2008 he worked at Bayer Pharmaceuticals, West Haven CT and Novartis Institutes for Biomedical Research in Cambridge MA. Since August 2008 he has been working at Biogen Idec, in Cambridge MA.

Jon McLoone
Director of Technical Communication and Strategy,
Wolfram Research, UK

As Director of Technical Services, Communication and Strategy at Wolfram Research Europe, Jon McLoone is central to driving the company's technical business strategy and leading the consulting solutions team. Described as "The Computation Company", the Wolfram group are world leaders in integrated technology for computation, data science and AI including machine learning. With over 25 years of experience working with Wolfram Technologies, Jon has helped in directing software development, system design, technical marketing, corporate policy, business strategies and much more. Jon gives regular keynote appearances and media interviews on topics such as the Future of AI, Enterprise Computation Strategies and Education Reform, across multiple fields including healthcare, fintech and data science. He holds a degree in mathematics from the University of Durham. Jon is also Co-founder and Director of Development for computerbasedmath.org, an organisation dedicated to a fundamental reform of maths education and the introduction of computational thinking. The movement is now a worldwide force in re-engineering the STEM curriculum with early projects in Estonia, Sweden and Africa.

Etzard Stolte
Global Head Knowledge Management
Roche, Switzerland

Etzard leads the global Information / Knowledge Management effort in Pharma Technical Development for F. Hoffmann-La Roche in Basel, with a focus on processes and tools for effective knowledge utilisation. Etzard has worked at the interface of the Life- and Computer-Sciences for more than 20 years, in technical, managerial as well as strategic roles. Before joining Roche, Etzard worked as CIO at the Jackson Lab (a US based genomics research institutes with 1800 employees), and was CTO for the Life Sciences at Hewlett Packard. Etzard has earned academic degrees in both Biology, Bio-Informatics and Informatics, with a PhD in Computer Science from ETH Zurich on "A Scalable Architecture for Scientific Databases".

Edgar Jacoby
Senior Principal Scientist Computational Chemistry
Janssen, Belgium

Edgar Jacoby holds a Licence in Sciences Chimiques from Louvain and a Dr.rer.nat. in Computational Chemistry from the RWTH Aachen. After post-doctoral work in Molecular Biophysics at Harvard Medical School and The University of Chicago, he joined Servier in 1995 as Cadre de Recherches in Molecular Modeling. In 1999, he joined the Combinatorial Chemistry group at Novartis Central Technologies as Lab Head for the in silico design of combinatorial compound libraries. From 2002-2012, he led the Molecular and Library Informatics group in the Novartis Center of Proteomic Chemistry in Basel. In 2013, he joined Janssen Research & Development in Beerse as Senior Principal Scientist in Computational Chemistry.

Speaker Biographies

Chris Shilling
Consultant, Innovation Vizier
Pharma Diagnostics, UK

Chris Shilling has over 20 years' experience as an innovation project manager and leader in the pharmaceutical & medical device industry. He is responsible for the corporate research function for Pharma Diagnostics NV, an innovative nanotechnology company, and works an independent consultant providing project planning and management services to life sciences companies. His industry career started at Pfizer R&D, where Chris had a global role designing and implementing project & portfolio information systems. He supported numerous drug projects in this role, including 6 launched medicines. He then managed the Business Innovation Unit, developing new models of pharmaceutical development for the R&D Leadership and CEO's office. Since leaving Pfizer in 2007, Chris has worked for several pharma, biotech and medtech companies, including 16 months in Basel for Novartis in Pricing & Market Access. He managed the initial project that led to a successful launch of Amarin's cardiovascular drug Vascepa, and has helped launch several businesses. Chris is the programme committee chair for the European Industrial Research Management Association, and teaches at Cranfield University and is a business mentor for the BioStars programme. He qualified as a lawyer from Brunel University, and before starting in life sciences was a professional musician.

Francis Kendall
Digital Strategy Leader
Roche, USA

Francis has over 25 years' experience in the industry working at several major Big Pharma companies (Hoecsht, Sandoz, Nycomed, Roche, Novartis & now Roche) mainly leading and working within Biometrics groups, His first degree is in Applied Statistics, then he went on to be a Chartered Statistician and Chartered Manager and also completed his MBA. . He has a keen interest in new technology and the democratisation of data. His current role is within the Strategic Innovation group which helps the organisation look at future digital strategies and opportunities such as Machine Learning, Big Data and Blockchain.

Abhimanyu Verma
Head Real World Evidence and
Big Data Solutions
Novartis, Switzerland

Abhi leads the Real-World Evidence and Big Data solutions group that enables the Informatics to enable Novartis' strategy to drive innovation towards value and patient centric outcomes. He is establishing and maturing analytical, technological and governance capabilities to leverage real world data, analytics and big data technologies. In the recent past Abhi successfully a global team that created and scaled multiple innovative data, analytics digital capabilities across multiple therapy, franchises and operational areas in Clinical Development and Medical Affairs. He has also championed and fostered an analytics and digital ecosystem both within and outside the company. He also setup and provided leadership to the Informatics team at Novartis' Clinical Development center in India. Before this role, Abhi was based in the US and managed a team of cross functional experts to create and scale new Clinical Data Standards. Over the years, he has played roles of increasing responsibility across various domains in Clinical Development. Prior to Novartis, Abhi worked at GE and provided leadership to e-Engineering programs and at Patni computer systems as a software consultant. Abhi holds an MBA from the Indian School of Business (ISB), is an Electronics Engineer and recently completed his MSc in Pharmaceutical Medicine. He is also an avid cyclist and a contemporary history and economics buff, Abhi is based in Basel, Switzerland.

Ivana Schnur
Co-founder, CMO
Sense.ly, USA

Dr. Ivana Schnur is the Co-Founder and Medical Director of Sensely, the breakthrough integrated "virtual nurse" platform leveraging the latest advances in artificial intelligence guides patients through their healthcare journey. Dr Schnur, brings a unique combination of medical knowledge and expertise in clinical use of virtual reality to power patient transformation plans in scalable, quantifiable and compassionate ways through use of Sensely technology. Ivana Schnur holds a Medical Degree and Ph.D. in clinical psychology. She has studied pain management and quality of life at Harvard Medical School and Georgetown University. She is determined to use her expertise in virtual reality to positively impact behavioral medicine and mental health. Prior to co-founding Sensely, Dr. Schnur worked at several early stage startups bringing extensive experience in the design of clinical protocols and immersive interfaces, including the application of virtual technology in the clinical settings. In 2009 she co-founded InWorld Solutions, the pioneering avatar-based virtual reality platform that assists clinical psychologists in behavioral modifications and other clinical modalities.

Sebastian Streit
Lead of Manufacturing Intelligence
Roche Pharma Manufacturing IT, Switzerland

Starting with a PhD in Biology, Sebastian Streit found more and more the need to see the world through the glasses of an IT specialist and today's IT manager. He since added a degree in Business Informatics, worked several years in the startup business, before switching to Roche Pharma IT in 2008. Here he leads a stream for Manufacturing Intelligence, is heading the Roche BlockChain Community of Practice and is part of the BC Core team, driving the BC vision for Roche.

Michael Rebhan
Senior Investigator
Novartis Institutes for BioMedical Research, Switzerland

Dr. Michael Rebhan (Ph.D.) is a scientist in the life science industry, working on applied research. He is interested in enabling teams in pioneering spaces, to answer translational questions related to human disease, across institutions and disciplines. As a Senior Investigator at the Novartis Institutes for BioMedical Research in Basel (Switzerland, since 2008), he has been working on problems in a variety of non-Oncology indications, with a focus on Regenerative Medicine.This involves the generation of longitudinal, human multichannel data to inform our understanding of biomarkers, human diversity in disease, disease progression stages and related pathobiology. Enabling a better integration of therapies, diagnostics and digital tools around the patient journey, in a more collaborative and more outcomes-centric health innovation ecosystem, is a long-term interest. --- After a Masters in biology (1993), he did a PhD (1996) investigating fundamental aspects of disease progression and biology at a cellular level, before doing a postdoc in bioinformatics, as omics profiling technologies were entering biomedical research. During the postdoc, he developed the first versions of GeneCards at the Weizmann Institute (1996-1998), a bioinformatics platform that integrates information on human genes. Before coming to Basel in 2004, he worked on building bioinformatics capabilities in Singapore (A*STAR, Biopolis, Bioinformatics Institute, 2002-2004), Boston (AstraZeneca R&D center, 1998-2000) and other places (a biotech startup in Germany, Lion Bioscience, 2000-2002). This includes exposure to connected fields like the biology of disease, data-intensive technologies, user-centric system design, IT infrastructure, biomedical R&D pipelines, digital health technology, biomedical big data, drug discovery problems, and community building in those areas. In 2004 he moved to Switzerland, and has stayed there since, to first join the FMI in Basel, before he joined NIBR (Novartis Research) in 2008. See also his profile on LinkedIn at https://ch.linkedin.com/in/michael-rebhan-b022751, and the recent paper on a proposed systems approach to chronic diseases at https://f1000research.com/articles/6-309/v1

Sven Nahnsen
Head of the Quantitative
Biology Center
University Tübingen, Germany

Dr. Nahnsen studied Biomathematics and Biotechnolgy at the Universities Greifswald (Germany), Strasbourg (France) and Cambridge (UK). He received his PhD in Computer Science from the University of Tübingen in 2010. For many years he has been working at the interface of computer science and the biomedical sciences. He developed software solutions, as well as mathematical approaches for the analysis of modern high-throughput data. In 2012, he accepted the position as the head of the newly established Quantitative Biology Center (QBiC) in Tübingen. Together with his team he developed automated solutions for data and project management for clinical studies as well as bioinformatics methods for the integration of multi-scale omics data.

Torsten Niederdraenk
Head of Technology Center
Siemens Healthcare, Germany

Since October 2015 Torsten Niederdränk is Head of the Technology Center at Siemens Healthineers in Erlangen, Germany. Tasks of the Technology Center is to develop, access & commercialize new technologies and methods. The Technology Center is running basic / applied research projects for innovations across Business Lines and in white spaces. 2014 – 2015 as Corporate Strategy Officer at Siemens Healthcare GmbH, he was involved in shaping the new Healthineers direction. 2009 – 2013 Vice President Siemens Corporate Technology, Processes & Production. Until 2008 he was managing the global R+D and Supply Chain for the Siemens Hearing Aid Business. Torsten Niederdränk received the Lothar-Cremer-Award for excellent contributions in Acoustic Cavitation in Diagnostic Ultrasound 1999. He became Siemens Inventor of the Year 2004, received the Siemens Medical Solutions Innovation Award 2005 and the Future Award of the President of the Federal Republic of Germany 2012 for the first binaural Hearing System. Torsten is Member Advisory Council at Fraunhofer Institute for Graphical Data Processing in Darmstadt, Germany as well as Board Member at EIT Health.

Paul Wicks
Vice President of Innovation
PatientsLikeMe, UK

Paul Wicks, Ph.D., is Vice President of Innovation at PatientsLikeMe, an online community for people living with medical conditions. Specialising in the conduct of clinical research using the Internet, Paul is responsible for shaping the scientific validity of the PatientsLikeMe platform and generating insights from the personal health data shared by members. This sharing of online medical data has lead to over 95 novel studies including a patient-led observational trial of lithium in ALS, digital tools to develop patient-reported outcome measures, a "dose-response" curve for the benefits of friendship between patients, and new methods for gaining patient input into clinical trial design. Prior to joining PatientsLikeMe, Paul worked at the Institute of Psychiatry (King's College London) studying cognition and neuroimaging in rare forms of ALS, and the psychological consequences of Parkinson's disease. In 2011 he was awarded MIT Technology Review's TR35 "Humanitarian of the Year" award and was recognized as a TED Fellow in 2012.

Speaker Biographies

Hans Martens
Regional Privacy Manager Europe
GSK, Netherlands

Hans Martens is currently Regional Privacy Manager for Europa at GSK. Hans graduated from the Nijmegen University (Biochemistry) in The Netherlands. In 1994 he became employed by Eli Lilly and Company and held a variety of positions in Sales, R&D, IT, Auditing and Privacy till 2014. This included Privacy and Data Protection Manager in Europe and registered Dutch Data Protection Officer. In 2007 Hans has completed a Master on IT-auditing and obtained his CISA certification. Furthermore, Hans obtained CPGP, CIPT, CIPP/E and CIPM certification. Hans is a trained and certified fire fighter.

Isabelle Hilali, Managing Director
Center for Research and Interdisciplinarity (CRI)
and Board member, **Healthcare Data Institute (HDI),** France

Isabelle Hilali is CRI - Center for Research & Interdisciplinarity's Managing Director. CRI is a unique place that experiments and spreads new ways of learning, teaching, conducting research and mobilizing collective intelligence in life, learning and digital sciences. She is also Board Member of the Healthcare Data Institute, a think tank, that gathers a large community of big data and health experts. As a true and positive leader, she is a dedicated professional committed to the health and education fields. Before joining CRI, Isabelle held several senior management positions in the eHealth field as well as in the mobile and internet industry, both in France and internationally. She holds a Masters degree from "Institut d'Etudes Politiques (Sciences Po) de Grenoble" and "Université Paris I - Panthéon Sorbonne" in Military Strategy.

Catherine Brownstein
Scientific Director Manton Center for Orphan Disease Research
Boston Children's Hospital, USA

Dr. Brownstein is an Instructor in Pediatrics at Harvard Medical School and a Research Associate in the Division of Genetics and Genomics at Boston Children's Hospital. As the Scientific Director for the Manton Center for Orphan Disease Research and specializing in gene discovery, Dr. Brownstein has been instrumental in the elucidation of several new disease genes for conditions such as intellectual disability, nemaline myopathy, very early onset psychosis, SIDS, and hypophosphatemic rickets. Her current work focuses on advancing the fields of next generation sequencing and analysis. As part of the Innovation and Digital Health Accelerator at Boston Children's Hospital, she drives partnerships and technology approaches between patient organizations, academics, and industry.

Alex Zhavoronkov
Co-founder
Insilico Medicine
CSO
The Biogerontology Research Foundation, UK

Alex Zhavoronkov, PhD, is the CEO of Insilico Medicine, Inc (Baltimore, MD) and the CSO of the Biogerontology Research Foundation (Oxford, UK). The company is focusing on applying deep learning and advanced signaling pathway activation analysis to biomarker discovery, drug discovery and drug repurposing for aging and age-related diseases. He is the author of over 70 research papers and books including "The Ageless Generation: How advances in biomedicine will transform the global economy" (Palgrave Macmillan, 2013). Prior to switching his focus to aging research in 2004, he served as the director of Central and Eastern Europe at ATI Technologies, publicly-traded GPU company and the Chief Thought Architect at NeuroG, a neuroinformatics company. He holds two Bachelor degrees from Queen' s University, a Masters in biotechnology from Johns Hopkins University, and a PhD in biophysics from the Moscow State University.

David Wortley
President of European Chapter
International Society of Digital Medicine (ISDM)
Founder
GAETSS, UK

Futurologist, Technology Strategist, Serial Entrepreneur, Business Adviser, Freelance Consultant, Keynote Speaker, Writer, Entertainer, Gamification Guru, 360 Video Pioneer, Thought Leader, Drone Pilot, Imagineer, Lover of Life, Business Coach, Mentor, Facilitator, Early Adopter, Guitar Hero, Broadcaster, Photographer, Visionary, Philosopher, Pragmatist, Innovator, Optimist - these are the roles and attributes - these are the amongst the many roles and attributes David has experience of and passion for. David is the CEO and Founder of GAETSS, a consultancy on the strategic use of Enabling Technologies for the transformation of business and society and Founding President of the European Chapter of the International Society of Digital Medicine (ISDM). He is a recognised global authority on the practical application of emerging and enabling technologies in areas such as health, environment, business development and education. He is a serial technology innovator and has been a pioneer of emerging technologies for over 30 years. He is an expert adviser to the European Union and an accredited business mentor. His specialist expertise is in the commercialisation of disruptive digital technologies. David is a passionate user of wearable technologies for health and wellness applications and a Founding Council Member of the International Society for Digital Medicine (www.isdm.org.cn)

Zhenyu Xu
Chief Technology Officer
Sophia Genetics, Switzerland

Dr. Zhenyu Xu is a genome scientist with a background in molecular and computational biology. He holds a Master's degree from Cambridge University in computational biology, and obtained his PhD at the European Molecular Biology Laboratory (EMBL) where he focused on the transcriptome landscape of yeast. His PhD work systematically characterized the non-coding transcripts in yeast which lead to the unveiling that in a majority of cases, transcriptions are bidirectional. Dr. Xu is among the most experienced bioinformaticians worldwide in clinical NGS data analysis. He joined SOPHiA GENETICS in 2012 and is the leader of the technology team who developed SOPHiA – the collective artificial intelligence for Data-Driven Medicine. The AI powers SOPHiA DDM®, an advanced SaaS analytics platform for clinical genomics, recognized and widely used in hundreds of hospitals across the world.

Stephen A. Brobst
CTO
Teradata Corporation

Stephen Brobst is the Chief Technology Officer for Teradata Corporation. He works with companies on the identification and development of opportunities for the strategic use of business intelligence technology in competitive business environments. Regarded as a leading expert in data warehousing, he successfully launched three start-up companies related to high-end database management products and services in the data warehousing and e-business marketplaces and has taught at several prestigious universities. Additionally, he has authored numerous journal and conference papers in the fields of data management and parallel computing environments.
Stephen also continues to serve on the faculty of The Data Warehousing Institute, a role he has held since 1996. He was recently ranked by ExecRank as the #4 CTO in the United States (behind the CTOs from Amazon.com, Tesla Motors, and Intel) out of a pool of 10,000+ CTOs. During Barack Obama's first term he was appointed to the Presidential Council of Advisors on Science and Technology (PCAST) in the working group on Networking and Information Technology Research and Development (NITRD).
Stephen performed his graduate work in Computer Science at the Massachusetts Institute of Technology where his Masters and PhD research focused on high-performance parallel processing. He also completed an MBA with joint course and thesis work at the Harvard Business School and the MIT Sloan School of Management.

Aliki Taylor
Director Global Outcomes Research,
Takeda, UK

Dr. Aliki Taylor works as a Director of Global Outcomes Research at Takeda in London where she leads global outcomes research and strategy development for several GI products globally. Prior to working at Takeda she was an Observational Research Medical Director at Amgen. Aliki works on several external initiatives and is the Takeda lead for HARMONY, an IMI-2 project in haematological malignancies.
Aliki initially trained as a physician at University College London School of medicine, working in hospitals before specialising in public health medicine. She later completed her PhD in cancer epidemiology supported by a Cancer Research UK fellowship at Birmingham University where she worked for seven years.
Aliki has approximately 40 publications in peer reviewed journals and 30 abstracts presented at congresses.

Vijay K. Bulusu
Head, Data & Digital Innovation Worldwide Research & Development
Pfizer, USA

Vijay is a thought leader with experience in bringing together multiple disciplines together to drive radical innovation. In his current role as the Head of Data and Digital Innovation in WRD at Pfizer, he leads the creation and execution of global digital science, data sharing and innovation programs. These programs blend recent advances in consumer technologies, data analytics, engineering and creative thinking to develop innovative solutions. He leads a cross functional team that focuses on solving scientific challenges to accelerate drug discovery and development using advanced data and digital technologies. Past and ongoing work includes: Design and implementation of Scientific Data Cloud - a best in class data management and analytics platform for scientific and manufacturing data, Machine Learning for organic synthesis, augmented reality for manufacturing, internal innovation space, predictive science and wearable devices for labs.
Prior to joining Pfizer, he has held senior level positions with global software services companies where he managed large program implementations and rollouts. Vijay has a Master's degree in Business Administration and a Bachelor's degree in Statistics. He enjoys playing cricket and offers free coaching to kids and adults who want to learn the game. In his spare time, he runs a makerspace, organizes public speaking classes and teaches computer programming.

Speaker Biographies

Eoin Leydon
Associate Partner - QuantumBlack,
McKinsey, UK

Eoin leads the Pharma Analytics group in QuantumBlack (Advanced Analytics team in McKinsey), supporting companies transform operations and develop new capabilities through data and analytics-enabled change programs.
Eoin has experience supporting clients in Advanced Analyitcs across the Pharma value chain, including Clinical Operations, Quality, Commercial and Manufacturing
The QuantumBlack team combine data engineering, data science, UX & visual design, and application development to support end-to-end analytics transformations, from initial development of use cases through to implementation.
Eoin has worked in the industry for 15 years, serving pharma companies as well as health systems and regulators. His accademic background is in Applied Statistics & Operational Research and Physics.

Abhimanyu Verma
Lead, Applied Technology Innovation
Novartis, Switzerland

Abhi leads Applied Technology Innovation at Novartis and is responsible for experimenting, incubating and rapidly scaling digital platforms and services across the enterprise. Over the years as a serial intrapreneur he has established services and platforms in Real World Evidence, Robotic and Cognitive Automation, Data Science, Core Data Platforms, Standards definition and digital in clinical development.
Abhi is passionate about and driven by harnessing the intersection of science, technology, data and people to improve patient's lives. Abhi has also been involved in deploying technology for public health projects in underdeveloped regions and is the co-founder of a non-profit lab on health hacking focused on patient centric solutions.
Passionate about cycling, comics, science fiction and history, Abhi holds a MBA from the Indian School of Business a Masters in Science in pharmaceutical medicine and is an engineer. He lives in Basel, Switzerland currently.

Matthias Evers
Senior Partner
McKinsey, Germany

Matthias is a Senior Partner of McKinsey, based in our Hamburg office. He is co-leader of the Global Pharmaceuticals and Medical Products (PMP) R&D and Medical Practice.
Matthias has served a broad range of clients in or allied with the biopharmaceutical industry. His main areas of client service are (1) innovation strategy and execution from research to early commercialization; (2) R&D productivity, performance transformation, and capability building; (3) drug / asset strategies; and (4) MEDIC excellence (Medical Affairs, Regulatory, PV, RWE). Fueled by the passion to innovate for patients, he is putting energy into cross-industry activities in pursuit of innovation, specifically to create more science leadership capacity, advancing digital/analytics in R&D and excellence in medical to serve patients best.
Before his career with McKinsey, he worked as a Research Associate and Postdoctorate at a Center for Molecular Neurobiology in Hamburg. He authored several articles in the fields of bioinformatics and molecular biology.

R&D DATA INTELLIGENCE LEADERS FORUM

Here's what your industry peers are saying about it!

"Thanks so much for putting together this informative and stimulating meeting! I found the format to be well suited for the exchange of ideas, and the level of expertise of the participants, high. In addition, the topic areas are extremely timely. The use of big data is perhaps the most important current topic in health care, with a huge amount of confusion occurring currently as to how to apply this new form of knowledge. This problem is amplified by the current senior people in the health field having, by in large, not been exposed to this form of information during their training or career development. As a result, forums such as yours are key for the creation of an intellectual framework for the proper use and incorporation of big data going forward."

Head of Genomics & Bioinformatics
National Cancer Institute, National Institutes of Health, USA

"Highly interactive "Big Data Leadership Forum" in London, this week! Congratulations to the organizers, the speakers, the chair-people ... and the very well informed and passionate audience!"

Global Senior Medical Director Respiratory, **Boehringer Ingelheim**

"Thank you and all the organizers for the opportunity to present our work at this wonderful meeting. It was very informative and great to see where biotech and pharma are heading with big data retention and analysis. You all did a great job putting this together and I look forward to coming again in the future."

Senior Scientist, Early-Phase Pharmaceutical Development, **Genentech**, USA

"This meeting turned out to be much better than I thought. Many high-profile and very relevant delegates from pharma all in one place, professional organizers and very intensive networking sessions. Remind me to do this again next year."

Co-founder
Insilico Medicine, Switzerland

Registration Options

3 Simple Ways to Register for this event!

CALL:
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anastasiar@nextlevellifesciences.com

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Participant Registration Options

Options	Standard Rate
2 Day event pass	€ 2290*
2 Day event pass + Workshop	€ 3089*

**VAT Exemption: All registrations who do not supply a VAT or tax identification number when registering, will be charged 20% VAT on the delegate registration amount as per local tax laws.*

Dates & Venue:
23rd-24th January, 2018
Basel, Switzerland

Hotel Booking Information will be sent to participants upon registration.
Get connected immediately

A word from the event's producer:

"Thanks very much to the speakers for their commitment to this event and to guiding me with the agenda development. Based on my discussions with the speakers and panelists I'm looking forward to a highly productive event with many strong, implementable take-home messages for our delegates. I look forward to meeting you in Basel."

Best Regards,
Jan Sagal,
NextLevel Life Sciences

CPD CERTIFIED
The CPD Certification Service

This event is accredited and certified for Continuing Professional Development due to it's informative, case-study based and high quality content.

The CPD Certification enables participants to transparently use training budgets and ensures their participation in this event is a valuable use of their time and resources. CPD Certificates will be issued to all participants.

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GROUP DISCOUNTS (reduced from standard rate)

SEND	SAVE OFF STANDARD RATE
2 participants	20% each
3 participants	30% each
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Academics, HTA & Govt. (2day)_____ €950*
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(For clarification please feel free to email sponsorship@nextlevellifesciences.com)

Registration includes:

Includes event documentation (Folder + USB flash drive).

Complimentary invite to our very popular networking dinner for all event participants.

Full delegate list with email addresses of all participants.

Event Lunches & Networking breaks.

Payments
Payment is due within 5 days of registering. A receipt will be issued within 5 days of receipt of payment.

Cancellation
If you have any questions or issues please contact operations@nextlevellifesciences.com
Cancellations must be in writing and must be received by NextLevel in writing more than 10 business days prior to the event. Upon receipt of cancellation notice, NextLevel Life Sciences will issue a delegate credit voucher for the full amount of the payment to be used towards registration fees at any future NextLevel Life Sciences event held within 18 months from date of issuance ("expiration date"). All credit vouchers expire automatically expire on the Expiration Date and shall thereupon become void. If cancellation is received more than 30 calendar days before the event then the client is entitled to a 50% refund and the balance in the form of a delegate credit voucher.
Participants are advised that credits for cancellations not received more than 5 days before the event will not receive credit vouchers, including cancellations due to weather and other causes beyond the registrant's control. Substitutions are welcome and are free of charge.
If for any reason NextLevel Life Sciences decides to cancel this conference, NextLevel Life Sciences accepts no responsibility for covering airfare, travel, hotel or other costs incurred by registrants, including delegates sponsors speakers and guests.
Special needs: Any participants with special dietary requirements or who require access aids should notify NextLevel Life Sciences more than 2 weeks prior to the event.

FIFTH ANNUAL - LIFE SCIENCE

R&D DATA INTELLIGENCE LEADERS FORUM

Basel, Switzerland | January 23rd-24th, 2018

Dear Valued Customer,
NextLevel Life Sciences are experts in providing the ideal platform for your strategic benchmarking and networking opportunities. I am very confident that by attending this meeting, you will improve your understanding of "best practice" and enhance your strategic decision-making in this vital area.
Luke Rogers, CEO, NextLevel Life Sciences

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OPTION 1: Please complete this form and fax back to: FAX: +421 233 010 331
OPTION 2: Scan and email to **anastasiar@nextlevellifesciences.com**
OPTION 3: Register online at **www.nextlevellifesciences (click here)**

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VAT/Tax ID Number: _____
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CREDIT CARD PAYMENT:

Please debit my card (circle one):
Visa Mastercard/Eurocard Amex Diner's Club

Upon receipt of this registration NextLevel Life Sciences will send you a secure link requesting your credit card details.

CONFIRMATION OF REGISTRATION:

I agree to the NextLevel Life Sciences Terms and Conditions listed on this page. I am authorized to sign on behalf of my organisation.
Name: _____
Job Title: _____
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DELEGATE 2
Name: _____
Job Title: _____
Email: _____

DELEGATE 3
Name: _____
Job Title: _____
Email: _____

Registration includes:

Includes event documentation (Folder + USB flash drive).
Complimentary invite to our very popular networking dinner for all event participants.
Full delegate list with email addresses of all participants.
Event Lunches & Networking breaks.

***VAT Exemption: All registrations who do not supply a VAT or tax identification number when registering, will be charged 20% VAT on the delegate registration amount as per local tax laws.**

DELEGATE PACKAGES: (Please Select your Delegate Package)

Pharma & MedTech Companies: ***All prices are in Euros**

	2 DAY CONFERENCE:		2 DAY CONFERENCE & WORKSHOP:	
1 Delegate	€2290*	☐	€3089*	☐
2 Delegates - 20% DISCOUNT	€1832* Each	☐	€2631* Each	☐
3 Delegates - 30% DISCOUNT	€1603* Each	☐	€2402* Each	☐
4+ Delegates - 40% DISCOUNT	€1374* Each	☐	€2173* Each	☐

Other Organisations	2 DAY CONFERENCE:		PRE-EVENT WORKSHOP ONLY: (22nd January)	
Academic, HTA & Govt.	€950* Each	☐	€899* Each	☐
Consultants & Solution Providers	€2290* Each	☐		

Please select your topic-focused streams (Day 2) (if attending):
STREAM 1: DISCOVERY & OMICS DATA EXCELLENCE ☐
STREAM 2: CLINICAL & PATIENT-LEVEL DATA EXCELLENCE ☐
STREAM A: R&D IT & BIOINFORMATICS ☐
STREAM B: DIGITAL HEALTH COLLABORATIONS ☐

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Event video recordings & documentation (only) _____ €799 ☐
Event documentation (only) _____ €399 ☐

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1. Registration fees include programme materials, food and refreshments.
2. Once a completed registration form has been received, full payment is required within 5 working days from receipt of invoice. A receipt will be issued following payment.
3. The client recognises that NextLevel Life Sciences organises high quality events, with strictly limited numbers of attendees and incurs expenses as a result. NextLevel Life Sciences relies on all it's clients to honour the agreement and make the required payment in order to guarantee the conference's success.
4. Cancellation & Substitutions: Upon receipt of payment, substitutions of delegates can be made at any time before the meeting at no further cost. Once a completed registration form has been received any cancellations will result in a 50% cancellation fee. Cancellations received only 1 month before the conference date cannot be refunded whatsoever. In the result of a cancellation, NextLevel Life Sciences is willing to provide a delegate credit at full value to the client at any time within 7 days of the event taking place, upon receiving full payment and written notice of non-attendance. Any cancellations within 7 days of the event, or delegates who do not attend to the event (no-show), will receive a delegate credit for 50% of their registration fee to be used for future NextLevel events. Non-attendance or non-payment does not make this contract void. Payment is always required once the registration form has been received. Payment must be received before the start of the event.
5. * For group discounts to apply all delegates must register on the same day.
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7. Intellectual Property & Copyright. All NextLevel Life Sciences materials in relation to this event are exclusively reserved and any unauthorised duplication, publication or distribution is strictly prohibited.
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11. I hereby consent to NextLevel Life Sciences retaining and securely storing my personal data. NextLevel consents to deleting my personal data upon receipt of written request by emailing privacy@nextlevellifesciences.com.
12. *VAT Exemption: All registrations who do not supply a VAT or tax identification number when registering, will be charged 20% VAT on the delegate registration amount as per local tax laws.