IHI Brokerage Event

Agenda

12-13 November 2024 • Le Plaza • Adolphe Maxlaan 118/126 • 1000 Brussels

Day 1

08.30-09.00	**Registration & welcome coffee**

09.00-09.30

Opening

Niklas Blomberg, Executive Director, IHI

Patrick Boisseau, Director General, Strategic Initiatives – MedTech Europe (representing industry partners)

This session will be broadcast online.

09.30-10.30

Pitches - Topic 2

Specific Objective 2: integrate fragmented health research and innovation efforts bringing together health industry sectors and other stakeholders, focussing on unmet public health needs, to enable the development of tools, data, platforms, technologies and processes for improved prediction, prevention, interception, diagnosis, treatment and management of diseases, meeting the needs of end-users.

Session moderated by Catherine Collins, writer, IHI Programme Office

This session will be broadcast online.

1- **Nivedita Agarwal**, Siemens Healthineers AG - *Improving Access to care for Alzheimer's disease - ACCESS- AD.*

2- **Annamaria Csizmadia**, GE Healthcare - *Comprehensive Onco-cardiology Multidisciplinary Patient Assistance Solution for Supporting Breast and Prostate cancer cardiotoxicity care.*

3- **Mark Dethlefsen**, Siemens Healthineers AG – *BREATHE: Biomarker-aided Refinements in the Assessment and Treatment of lung cancer for Health Enhancement.*

4- **Owen Dafydd**, Pfizer - *Accelerating ligand identification discovery for protein targets using novel datasets and ML methodologies.*

5- **Felix Agakov**, Pharmatics - *Data Integration and Validation for Evidence-based Research Solutions (DIVERSE).*

6- **Steven Bagshaw**, CPI - *Next generation materials for implanted bioelectronic medical devices (NEXT-BIO).*

7- **Baubak Bajoghli**, Austrian BioImaging/CMI - *A Real-time Three-dimensional Histopathology Imaging Solution for Improved Cancer Diagnosis and Patient Outcomes.*

8- **Barrie Cassey**, CPI - *Advanced Cell Models for drug discovery.*

9- **Stéphane Commans**, IHU ICAN – *CARDIOMET: Tackling the cardiometabolic "pandemic".*

10.30-11.15	**Coffee break & poster session**

| | 10- **Nancy Frédérickx**, Sciensano - *EU-wide Innovative Personalized Cancer Medicine Platform.* |

| 11.15-12.15 | **Pitches - Topic 2 (continued)** |

11- **Jaap van der Voet**, Philips – *SEISMIC: SEamless Integration of image guidance to break down the barrierS and enhance the efficiency of Minimally Invasive and hybrid neurosurgical Care.*

12- **François Houyez**, European Organisation for Rare Diseases (Eurordis) - *A Helping Hand for People with no Treatment.*

13- **Juan Ignacio Imbaud**, Protein Alternatives SI - *Therapeutic anti-CDH17 & anti-IL13Ra2 monoclonal antibodies for cancer therapy.*

14- **Andrius Kaselis**, Vilnius University faculty of Medicine - *BioTwin4Cancer.*

15- **Christoph Klein**, Children's Hospital (LMU Clinic Munich) - *AMIGO: Advanced Medical Intelligence for Guiding Omics-based Medicine.*

16- **Magdalena Kowalczyk**, Institute of Biochemistry and Biophysics - *Innovative solutions for the treatment and symptom alleviation of diseases associated with gut barrier dysfunction.*

17- **Wolfgang Moritz**, InSphero AG - *Liver Safety - From Diversity to Patient Centricity.*

18- **Jose Muñoz**, Hospital Clinic Barcelona/Barcelona Institute for Global Health - *FAMBA: an international surveillance and data analytics platform for prevention of emerging pandemics.*

19- **Avidan Neumann**, Institute of Environmental Medicine (IEM), Helmholtz Munich - *Pandemic and Endemic Respiratory Pathogens Sentinels and Early Optimization of Prevention by Severity Prediction.*

20- **Dominic Ormerod**, VITO – *MELTS: Membrane Extraction based Liquid phase Tides Synthesis.*

21- **Monica Ortenzi**, Università Politecnica delle Marche - *AI-Driven Predictive Models for Surgical Outcome and performance Enhancement in Colorectal Surgery.*

22- **Paola Quattroni**, European Association of Cardio-Thoracic Surgery - *Enhanced European Cardio-Thoracic Surgery Data Platform.*

| 12.15-13.45 | **Lunch** |

| 13.45-14.25 | **Pitches - Topic 2 (continued)** |

23- **Venkata Satagopam**, University of Luxembourg - *Mechanisms of comorbidities in immune-mediated diseases via federated data analysis and modelling.*

24- **Roisin Thompson**, CPI - *Advancing processing, scale-up and clinical readiness of RNA delivery platforms.*

25- **Roisin Thompson**, CPI - *Therapeutic and non-therapeutic interventions for addressing anti-microbial resistance (AMR).*

	26- **Kalle Toivonen**, University of Helsinki - *Combating Obesity: Holistic Approach to Integrating Prevention, Treatment, and Policy Options Across European Member States and Around the Globe.* **27-** **Stefaan Vandenberghe**, Medical image and signal processing, Ghent university - *Walk Through PET for high patient comfort and clinical efficacy.* **28-** **Mario Aznar Granados**, Matical - *Immune cell imaging in cancer patients with AI/ML tools for the genomic and phenotyping estimations of immunotherapies response in solid tumors.* **29-** **Caroline Desvergne**, CEA - CEA-Leti - *Strengthening the biomanufacturing ecosystem for biotherapies.* **30-** **Rogerio Pessoto Hirata**, Faculty of Medicine, Aalborg University – *VITALITY: Integrating the healthcare system for healthy ageing.*
14:25-17:15	**Networking**
17:15-17:45	**Ask the experts** *This session will be broadcast online.*
17.45-19.30	**Cocktail – End of day 1**

08.30-09.00	**Registration & welcome coffee**

09.00-09.55	**Pitches - Topic 1**

Specific Objective 1: contribute towards a better understanding of the determinants of health and priority disease areas.

Session moderated by Catherine Collins, writer, IHI Programme Office

This session will be broadcast online.

1- **Salvatore Angilletta,** Max-Planck Institute for Biology of Ageing - *Disentangling complexity of multimorbidity in aging.*

2- **Emmanuel Bartholomé**, Healios Technologies SL – *DEDICATE: Dynamic Evaluation and Digital Inference of Cognitive Ageing through Technology in Europe.*

3- **Floris Bikker**, ACTA – *ObioMar: Oral biomarkers for early detection and monitoring of systemic diseases.*

4- **Johanna Blom**, University of Modena and Regio Emilia - *Biomarker and Behavioral Evidence for Advanced Clinical Outcomes and Neurological Precision Healthcare in Migraine using Multimodal Data Integration (BEACON).*

5- **Alpha Tom Kodamullil**, Fraunhofer SCAI - *AgeMorbidity: evaluating aging clocks and co-morbidity spectra of neurodegeneration & cardiometabolic diseases.*

6- **Sabrina Steinert**, Apheris - *Safely collaborate on distributed data.*

7- **Theodora Stewart**, King's College London - *The Human Metal Atlas: Building a Translational Research Ecosystem in Metallomics (TREM MATLAS).*

8- **Felix Wohlrab**, Charité University Medicine Berlin - *ValBioMS: Clinical Validation of Fluid and MRI Biomarkers in Multiple Sclerosis and related Neuroimmunological Diseases – covering aspects of neurodegeneration and chronic disease activity.*

9- **Steven Bagshaw**, CPI - *CASCADE (Cancer Advanced Spatial Clinical Applications and Diagnostics Excellence).*

10- **Graham Somers**, GSK - *Novel Antibiotic Modalities against Priority Pathogens.*

09.55-10.15	**Pitches - Topic 5**

Specific Objective 5: enable the development of new and improved evaluation methodologies and models for a comprehensive assessment of the added value of innovative and integrated health care solutions.

Session moderated by Catherine Collins, writer, IHI Programme Office

This session will be broadcast online.

1- **Ahmet Acar**, Middle East Technical University - *Advancing Personalized Therapies for Metastatic Colorectal Cancer through Patient-Derived Organoids.*

2- **Feza Korkusuz**, Hacettepe University Faculty of Medicine - *Motion Analysis, Multi-Omics, Novel Biosensors for Osteoarthritis Diagnosis and New Therapeutics: ManitOAba.*

3- **Chang Sun**, Maastricht University - *AI-Powered Patient Recruitment & Data Acquisition.*

10.15-11.15	**Coffee break & poster session**

Pitches - Topic 4

11.15-12.05

Specific Objective 4: exploit the full potential of digitalisation and data exchange in health care.

Session moderated by Catherine Collins, writer, IHI Programme Office

This session will be broadcast online.

1- **Dominique Segers**, Barco – *AIRAD: AI in improving RADiology workflows, treatments and training.*

2- **Barrie Cassey**, CPI - *Reducing European Medicines Supply Problems through Data Sharing (Federated Data Sharing to Increase Availability of Medicines).*

3- **Barrie Cassey**, CPI - *Get Medicines to Patients.*

4- **Iman Kamali**, HUVANT S.r.l. - *Healthcare in Extended Reality Environment to Aid in Chronic Treatments.*

5- **Arvydas Laurinavicius**, Vilnius University - *Translational Medicine Intelligence Platform.*

6- **Piers Mahon**, DIGICORE - the Digital Institute for Cancer Outcome Research - *Enhancing EU Competitiveness by Integrating Pragmatic Trials and Real-World Evidence in Precision Oncology.*

7- **Robert Lugowski**, CliniNote sp. z o.o.- *Advancing Clinical Research in Europe: Building a Framework to Strengthen Pragmatic Clinical Trials and Accelerate Integrated Product and Service Development with AI-Driven Technologies.*

8- **Henri Souchay**, Gustave Roussy – *MOSAIC: Moving towards Optimized and SustAInable digital healthCare pathways in oncology.*

12.05-13.45	**Lunch**

Pitches - Topic 3

13.45-14.45

Specific Objective 3: demonstrate the feasibility of people-centred, integrated health care solutions.

Session moderated by Catherine Collins, writer, IHI Programme Office

This session will be broadcast online.

1- **Artur Palet**, Roche Diagnostics - *Heart Networks.*

2- **Barrie Cassey**, CPI - *Manufacturing Innovation in Complex Therapies Through Decentralised and Automated Networks.*

3- **Barrie Cassey**, CPI - *Personalisation and Stratification of Healthcare Solutions.*

4- **Christos Xinaris**, Instituto Ricerche Farmacologiche Mario Negri IRCCS - *Developing an inhalable thyroid hormone nanotherapy for regenerating the diabetic heart and kidney.*

5- **Irina Efimenko**, Semantic Hub SA - *PV SQUARED: Patient Voice for Pharmacovigilance.*

6- **Linus Kao**, Skyvor Medical AG - *AI and Digital Health Platform for Clinical Research.*

7- **Oscar Mayora**, Fondazione Bruno Kessler - *Supporting Integrated Care by design.*

	8- **Lihui Pu**, Erasmus University Medical Center - *Hospital at Home: Digital Transformation for Integrated Care.* **9-** **Nicole Schadewaldt**, Fraunhofer MEVIS – *ERDE: European Rare Disease Empowerment.* **10-** **Kristof Vanfraechem**, Data For Patients - *Patient and frontline HCP partnership @scale in EU with data and digital.*
14:45-17:15	**Networking**
17:15-17:45	**Ask the experts** *This session will be broadcast online.*
17:45-18:00	**Closing**