

4th Health-RI Conference - Opening doors to P4 health

Accessible research data and resources for predictive, preventive, personalized, participatory healthcare and vital citizens

Programm

08:15 - 08:50 Registration

08:50 - 09:00 Opening by Gerrit Meijer (CSO Health-RI)

09:00 – 09:45 Plenary | Keynote lecture

Speaker:

Lucien Engelen – Director RShape center, Radboudumc & Global Strategist Digital Health, Deloitte Center for the Edge

09:45 – 10:30 Poster Flashes

Selected pitches from submitted abstracts on best practices in infrastructure for health research

10:30 - 11:00 Break

11:00 - 12:30 Parallel session 1 | Prediction

Risks for diseases and adverse intervention outcome are identified, and signs of illness are recognized before it manifests.

Microbiome as predictor/biomarker. Speaker: Rinse Weersma (UMCG)

Understanding (and ultimately predicting) individual differences in brain development and child behavior. Speaker: Chantal Kemner (UU)

Towards individualized risk profiling in patients with mild cognitive impairment. Speaker: Wiesje van der Flier (Amsterdam UMC)

Speakers:

- Chantal Kemner (UU) - Professor of Biological Developmental Psychology & Brain Development UMCU, scientific director of Consortium Individual Development & YOUTH cohort, member of the domain board of the NWO division Social Sciences and Humanities
- Rinse Weersma (UMCG) - Clinical scientist and head of the Department of Gastroenterology and Hepatology in the University Medical Center Groningen
- Wiesje van der Flier (Amsterdam UMC) - Professor and Head of clinical research at the Alzheimer center Amsterdam at Amsterdam UMC, lead of the Amsterdam Dementia Cohort

11:00 - 12:30 Parallel session 2 | Participation

Individuals are well informed about their health and empowered to make their own healthcare decisions.

Do clinical research together! Speaker: Peter Paul van Benthem (LUMC – Dutch Association of Medical Specialists)

Scientific integrity in using health data. Speaker: Lex Bouter (Amsterdam UMC, locatie VUmc)

Speakers:

- Peter Paul van Benthem (LUMC) - Professor and chair of the ENT-department of the Leiden University Medical Centre, member of the board of the Dutch Association of Medical Specialists and chair of the council for Science and Innovation of the Dutch Association of Medical Specialists
- Lex Bouter (Amsterdam UMC, locatie VUmc) - Professor of Methodology and Integrity at the Department of Epidemiology and Biostatistics, author or co-author of 687 scientific publications contained in the Web of Science, which have been cited more than 452,000 times (WoS h-index of 117 and Google Scholar h-index of 158). He is has supervised 74 PhD students, of whom to date 15 were appointed as professor.

12:30 – 14:00 Walking lunch with Posters and Demos & FAIR data stands

14:00 – 15:30 Parallel session 1 | Prevention

Individuals are given tailored tools to prevent disease development.

Expanded carrier screening (ECS) offered by the GP: Results of an implementation pilot study.

Speaker: Irene van Langen (UMCG)

Biobanks in pregnancy and child cohort studies; Innovative Research on Healthy Start. Speaker:

Vincent Jaddoe (ErasmusMC - Generation R Study)

Citizen-centred big data for health care, prevention and research – The Personal Health Train.

Speaker: Andre Dekker (Maastric Clinics)

Speakers:

- Irene van Langen (UMCG) - Professor and head of the section of Clinical Genetics at the department of Genetics, member of the permanent committee for population screening of the Dutch Health Council
- Vincent Jaddoe (ErasmusMC) - medical doctor, principal investigator of the Generation R programme, project coordinator of the Horizon2020 EU LifeCycle - Project: Early life stressors and lifecycle health
- Andre Dekker (Maastric Clinics) - Board-certified medical physicist at MAASTRO Clinic and full professor at Maastricht UMC+ and Maastricht University where he holds the chair “Clinical Data Science”

14:00 – 15:30 Parallel session 2 | Personalization

Optimizing the wellness of individuals by predicting disease and delivering personalized treatments.

Tumor whole genome sequencing for personalized cancer treatment. Speaker: Edwin Cuppen (UMCU - Hartwig Medical Foundation)

PIE: The Dutch national platform for exchange of whole slide image. Speaker: Paul van Diest (UMCU)

From FAIR data to FAIR knowledge – towards bridging the gap for clinical practice. Speakers: Xander Verbeek (IKNL), Ignace d'Hingh (Catharina - IKNL)

Speakers:

- Edwin Cuppen (UMCU) - Scientific director of the Hartwig Medical Foundation, Professor of Human Genetics at the Center for Molecular Medicine of the University Medical Center in Utrecht and invited member of the virtual national cancer research organisation OncoCode Institute
- Paul van Diest (UMCU) - Full professor and Head of the Department of Pathology at the University Medical Center Utrecht, Adjunct Professor of Oncology at the Sidney Kimmel Oncology Center at Johns Hopkins, Baltimore, USA,
- Xander Verbeek (IKNL) - Head of health informatics and data science at the Netherlands Comprehensive Cancer Organisation
- Ignace d'Hingh (Catharina - IKNL) - surgical oncologist at the Catharina Cancer Institute in Eindhoven, President of the Dutch Peritoneal Oncology Group, secretary of the Dutch Pancreatic Cancer Group, executive board member of the Peritoneal Surface Oncology Group

International, medical advisor of the Netherlands Comprehensive Cancer Organisation (IKNL), professor at GROW Research School of the Maastricht University.

15:30 - 16:00 Break

16:00 - 16:45 Health-RI stakeholder forum

Discussion on the direction of Health research infrastructure in the Netherlands

Stakeholders will be invited to discuss the implementation of the vision of Health-RI and how they can contribute and benefit.

Chair: Professor Ronald Stolk (UMCG)

16:45 - 17:00 Wrap-up & Closure

17.00 Networking & Drinks