

HELMHOLTZ HEALTH SUMMIT 2024 – PROGRAM

Tuesday, 8 October 2024

12:00 pm Arrival & Registration – Healthy Lunch Snack

Showcases by Helmholtz Health Heroes and Centers
Touch the Science – Meet our heroes and check your health

1:00 pm Helmholtz Health Breakthroughs – Part I

1:00

Opening

with Matthias Tschöp, Vice-President Helmholtz Health
Opening Keynote 'Mapping the Human Body One Cell at a Time'
by Sarah Teichmann, University of Cambridge

1:30

Session 1: Digital Health & AI – multiplying potential

"Data for better treatment: providing secure, affordable and fair access"
Chat with Joachim Schultze, Helmholtz Health Hero

"From Code to Cell: Creating Virtual Cells with Generative AI"
Inspire Talk by Fabian Theis, Helmholtz Health Hero

"We are all genetic mosaics"
Flash Talk by Ashley Sanders, Helmholtz Health Hero

2:15

Session 2: Prevention & Pandemic Resilience – preparing for the unexpected

"Visions for early detection of diabetes type 1"
Deep Talk with Anette-G. Ziegler, Helmholtz Health Hero
and Mother with Child / Patient

"The era of interpretable AI in cancer prevention and early detection"
Inspire Talk by Titus Brinker, Helmholtz Health Hero

Innovation Circle on **Prevention** with
Katja Simon, Helmholtz Health Hero
Monique Breteler, Helmholtz Health Hero
Berit Lange, Helmholtz Health Hero
Wolfgang Wick, Chairman of German Science and Humanities Council
Thomas Romes, Deputy Director General, Federal Ministry of Education and Research (BMBF)

"One Health Approaches for better Prevention"
Inspire Talk by Fabian Leendertz, Helmholtz Health Hero

3:30 pm Networking Break

Showcases by Helmholtz Health Heroes and Centers
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4:15 pm Helmholtz Health Breakthroughs – Part II

4:15

Session 3: Accelerating Discovery – swift pathways from lab to life

"Visions for ending childhood cancer"
Deep Talk with Stefan M. Pfister, Helmholtz Health Hero

"Phage blueprints for novel therapeutics"
Flash Talk by Milan Gerovac, Helmholtz Health Hero

"Paving the way for new therapeutic concepts for treatment of Parkinson's disease"
Chat with Thomas Gasser, Helmholtz Health Hero

5:00

Session 4: Biomedical Engineering – catalyzing technological breakthroughs

"AI-driven decoding of disease perturbations cell-by-cell in 3D"
Inspire Talk by Ali Ertürk, Helmholtz Health Hero

"Novel cancer treatments – personalized, safe, effective"
Chat with Uta Elisabeth Höpken, Helmholtz Health Hero

5:20

Session 5: Transfer & Spin-Off – innovative approaches in action

Innovation Circle on **Transfer** with
F. Nina Papavasiliou, Helmholtz Health Hero
Aswin Hoffmann, Helmholtz Health Hero
Patrick Rose, Innovation Manager, SPRIN-D

"NAKD Health Study – what keeps men and women healthy?"
Chat with Ilais Moreno Velásquez, Helmholtz Health Hero

6:00

Closing with

Otmar D. Wiestler, President Helmholtz Association
Maike Sander, Scientific Director, MDC
Matthias Tschöp, Vice-President Helmholtz Health

6:30 pm Reception & Dinner

Dinner speech by Giles Yeo, University of Cambridge

8:00 pm Healthy Get-together

Live music feat. Sugar Doctors