Keynote speakers

Leroy Hood, MD. Ph.D.
CEO
Phenome Health
Seattle | USA

Hitoshi Nakagama, Prof.
President
National Cancer Center
Tokyo | Japan

Annette Peters, Prof.
Host
Institute of Epidemiology
Helmholtz Munich | Germany

Rima Kaddurah-Daouk, Prof.
Duke University
School of Medicine
Durham | USA

Christof von Kalle, Prof.
CSC | Berlin Institute of Health
Berlin | Germany

Masayuki Yamamoto, Prof.
Host
Executive Director
Tohoku Medical Megabank
Organization, Sendai | Japan

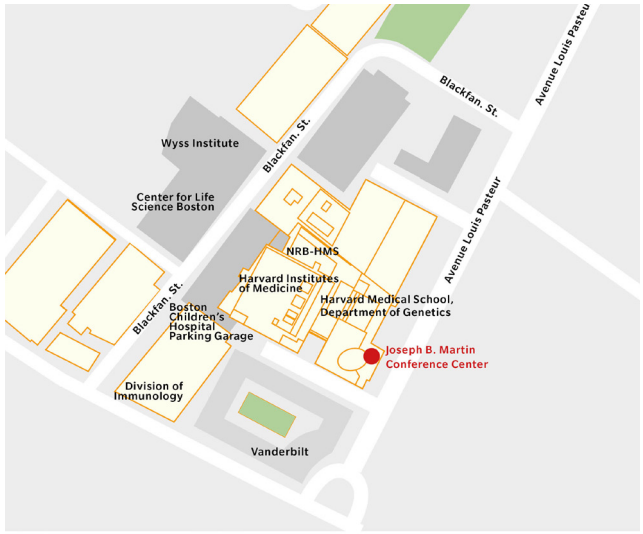
Jessica Lasky-Su, Ass. Prof.
Host
Harvard Medical School
Boston | USA

Sendai | Munich | Boston

22 hours continuous livestream

Venue

The Joseph B. Martin Conference Center
Harvard Medical School
Rotunda meeting room



Register now

https://biocrates.com/2022-population-health-event/

For questions please contact cohortevent@biocrates.com

biocrates
The future of research and health

Pan-cohort studies
The future of population health

October 12th, 2022
08:25 am – 18:05 pm EST

Hybrid event

Boston | USA

Supported by

Boston | Hybrid event

October 12th, 2022 | 08:25 a.m. – 18:05 p.m. EST

(Multi)Omics – 08:25 a.m. EST

08:25-08:40
Welcome and opening
Jessica Lasky-Su, Ass. Prof.
Harvard Medical School | Boston | USA

Katherine A. Black, Ph.D.
Senior Manager Business Development North America
biocrates inc. | USA

08:40-09:05 EST | 14:40-15:05 CET
Keynote lecture: Beyond the human genome: Inventing the science of wellness and prevention
Leroy Hood, MD Ph.D.
CEO of Phenome Health and CSO | Institute of Systems Biology, Seattle | USA

09:05-09:30 EST | 15:05-15:30 CET
Insights from large-scale, multi-omic cohorts
Claudia Langenberg, Prof.
Computational Medicine | Berlin Institute of Health | Germany

09:30-09:55 EST | 15:30-15:55 CET
From multi-omics associations to molecular networks — making big results accessible
Gabi Kastenmüller, Ph.D.
Institute of Computational Biology | Helmholtz Munich
Germany

09:55-10:20 EST | 15:55-16:20 CET
Privacy-preserving omics in medicine
Jan Baumbach, Prof.
Institute for Computational Systems Biology
University Hamburg | Germany

Coffee break 10:20-10:35 EST | 16:20-16:35 CET
Flash talks

online in person

10:35-11:00 EST | 16:35-17:00 CET
tbd — on (multi)omics
Jan Krumsiek, Prof.
Institute for Computational Biomedicine | Weill Cornell Medicine, New York | USA

11:00-11:25 EST | 17:00-17:25 CET
The future of population health: learning lessons from personalized healthcare
Alain van Gool, Prof.
Personalized Healthcare of Radboud University Medical Center, Nijmegen | Netherlands

11:25-11:50 EST | 17:25-17:50 CET
Why targeted metabolomics is essential for population health
David Wishart, Prof.
The Metabolomics Innovation Centre (TMIC)
University of Alberta, Edmonton | Canada

11:50-12:15 EST | 17:50-18:15 CET
Keynote lecture:
From genetic to environmental influences
Annette Peters, Prof.
Institute of Epidemiology (EPI) | Helmholtz Munich | Germany

Lunch 12:15-13:05 EST | 18:15-19:05 CET

Summary and closing Europe session
Annette Peters/Matthias Scheffler

Precision medicine – 13:05 p.m. EST

13:05-13:30 EST
Keynote lecture: Precision Medicine
Rima Kaddurah-Daouk, Prof.
School of Medicine | Duke University, Durham | USA

13:30-13:55 EST
Importance of the intestinal microbiota and metabolomic profiling in the balance between health and disease
Alessio Fasano, Prof.
Center for Celiac Research and Treatment | Mass General Hospital for Children, Boston | USA

13:55-14:20 EST
Expanding our genetic resources beyond European populations
Melissa Miller, Ph.D.
Human Genetics | Pfizer, Boston | USA

14:20-14:45 EST
Predicting longevity — integrative modeling of plasma biomarkers and imaging across disease space
Eugene Melamud, Ph.D.
Calico, San Francisco | USA

14:45-15:10 EST
tbd — on Pan-Cohort studies | Precision medicine
Christiane Honisch, Ph.D.
SVP Diagnostics Devision | Evotec, Hamburg | Germany

Coffee break 15:10-15:35 EST

15:35-16:00 EST
Proteomics at population scale: insights from the UK biobank pharma proteomics project
Chris Whelan, Ph.D.
Data Science for Neuropsychiatry | Janssen, Boston | USA

16:00-16:25 EST
Fast-tracking precision diagnostics/therapeutics for posttraumatic stress disorder & traumatic brain injury
Nicole Bjorklund, Ph.D.
Translational Research & Development
Cohen Veterans Bioscience, New York | USA

16:25-16:50 EST
Exposomics: measuring the environmental drivers of disease
Gary Miller, Prof.
Environmental Health Sciences | Columbia University, New York | USA

16:50-17:15 EST
Big data health
Michael Snyder, Prof.
Genetics, School of Medicine | Stanford University | USA

17:15-17:40 EST
The impact of population-based studies on population health
Jessica Lasky-Su, Ass. Prof.
Harvard Medical School, Boston | USA

17:40-18:05
Summary and closing Boston session
Jessica Lasky-Su/Katherine A. Black/Matthias Scheffler

Wrap up and social get together