


Building a Spatial Map of the Human Body – One Cell at a Time

HuBMAP and Akoya: Collaborating to Achieve Common Goals

May 11, 2022



GENOMEWEB PANEL DISCUSSION
HuBMAP: Building a Spatial Map of the Human Body – One Cell at a Time
May 11, 2022 | 8 AM PDT, 11 AM EDT, 5 PM CEST

HuBMAP
Human Biomolecular Atlas Program

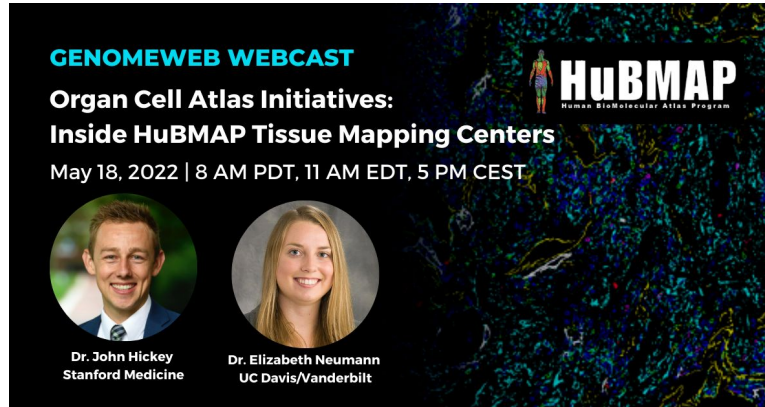
Dr. Garry Nolan
Stanford Medicine

Dr. Jeannie Camarillo
Northwestern

Dr. Elizabeth Neumann
UC Davis/Vanderbilt

Dr. Andrea Radtke
NIH NIAID

May 18, 2022



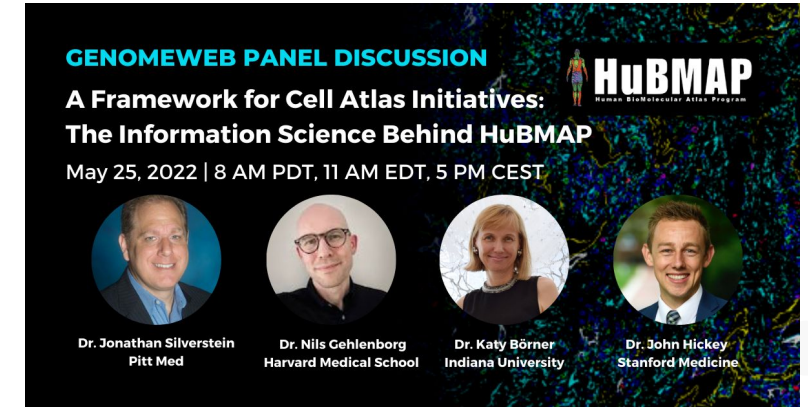
GENOMEWEB WEBCAST
**Organ Cell Atlas Initiatives:
Inside HuBMAP Tissue Mapping Centers**
May 18, 2022 | 8 AM PDT, 11 AM EDT, 5 PM CEST

HuBMAP
Human Biomolecular Atlas Program

Dr. John Hickey
Stanford Medicine

Dr. Elizabeth Neumann
UC Davis/Vanderbilt

May 25, 2022



GENOMEWEB PANEL DISCUSSION
**A Framework for Cell Atlas Initiatives:
The Information Science Behind HuBMAP**
May 25, 2022 | 8 AM PDT, 11 AM EDT, 5 PM CEST

HuBMAP
Human Biomolecular Atlas Program

Dr. Jonathan Silverstein
Pitt Med

Dr. Nils Gehlenborg
Harvard Medical School

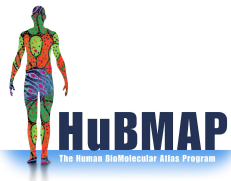
Dr. Katy Börner
Indiana University

Dr. John Hickey
Stanford Medicine

- What is HuBMAP and how is it organized?
- What are Tissue Mapping Centers?
- How do Rapid Technology Implementation working groups support HuBMAP researchers?

- How do HuBMAP Tissue Mapping Centers build organ atlases?
- How can HuBMAP organ atlases be applied to explore complex biological questions?

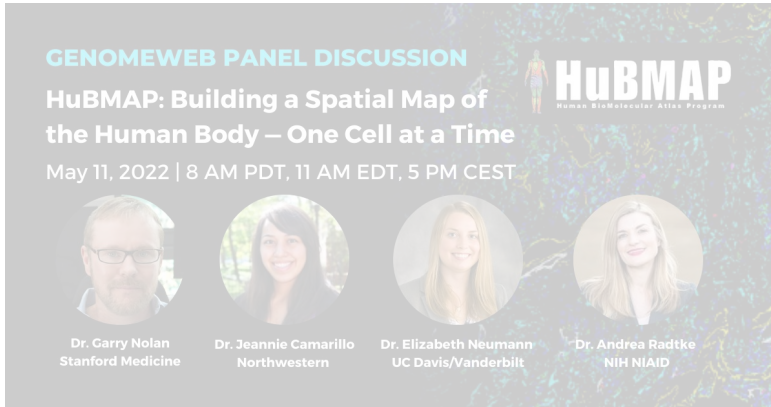
- What types of transformative technologies is HuBMAP leveraging?
- What are HuBMAP's biggest computational challenges and how are they being addressed?



A Framework for Cell Atlas Initiatives

The Information Science behind HuBMAP

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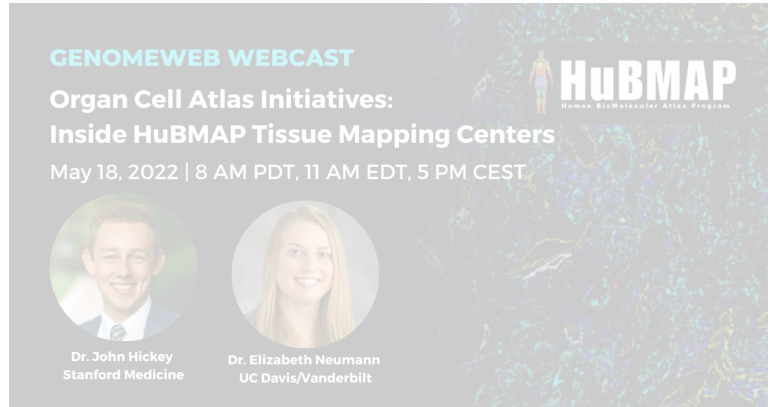
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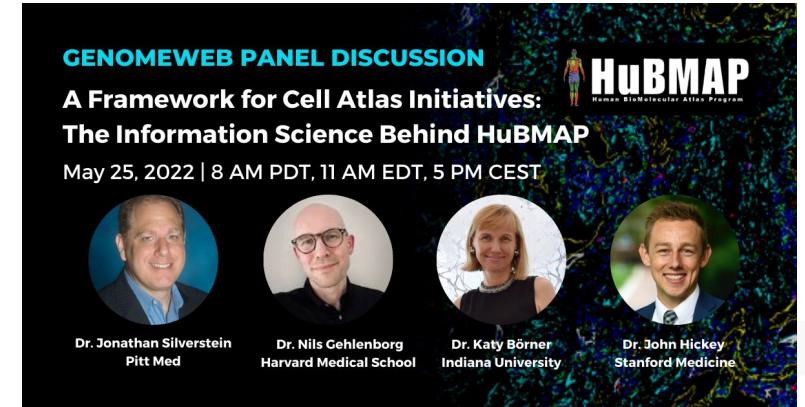
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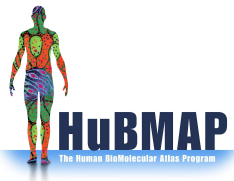
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Jonathan Silverstein, MD

Chief Research Informatics Officer and Professor of Biomedical Informatics, University of Pittsburgh
HuBMAP PI | HIVE Infrastructure and Engagement Component

“Insert quote about your vision for HuBMAP and what your team hopes to achieve as part of this initiative”



HuBMAP

The Human BioMolecular Atlas Program



Nils Gehlenborg, PhD

Associate Professor, Harvard University Medical School
HuBMAP PI | HIVE Tools Component

“Insert quote about your vision for
HuBMAP and why initiatives like this are so
important”



HuBMAP

The Human BioMolecular Atlas Program



Katy Börner, PhD

Professor of Engineering and Information Science
Indiana University, Bloomington
HuBMAP PI | HIVE Mapping Component

“Maps bring order to the dazzling world around us, and there’s no greater terrain than the diverse cellular ecosystems present in normal and diseased tissues. HuBMAP seeks to organize this wonder into a queryable human reference atlas that will drive discovery and translational research.”



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John Hickey, PhD

ACS Postdoctoral Fellow, Stanford University of Medicine
HuBMAP Researcher, Stanford Tissue Mapping Center

“Insert quote about your vision for
HuBMAP and what you hope to achieve as
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A Framework for Cell Atlas Initiatives

The Information Science behind HuBMAP



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