



FLUIDIGM®

9th Annual Fluidigm Mass Cytometry Summit

2020年9月23日 10:00 pm – 9月24日 10:00 am (日本時間)

(September 23, 2020 | 6:00 am–6:00 pm PT)

オンライン形式の開催: labroots.com/s/masscytometry-summit

| Time (JPN) | Presentation Title | Speaker |
|---|--|---|
| 歓迎と開会の挨拶 Auditorium | | |
| 10:00 pm | Welcome and Opening Remarks | <p>Chris Linthwaite President and CEO, Fluidigm</p> <p>Andrew Quong, PhD Chief Science Officer, Fluidigm</p> <p>Alex Cherkassky, PhD Senior Director, Product Management, Fluidigm</p> |
| Breakout: CyTOFシステムとイメージングマスマイトメトリーの新しいアプリケーション Meeting Room 1 | | |
| 10:05 pm - | Live-cell barcoding with Cd-CD45 antibodies | Michelle Poulin, PhD Manager, Proteomics Field Applications |
| | Creating CyTOF® panels just got even easier: Maxpar Panel Designer v2.0 | Kevin Brown, PhD Field Applications Specialist |
| | Drop-in expansion panels for the Maxpar® Direct™ Immune Profiling Assay™ | Noah Saederup, PhD Senior Product Manager, Maxpar Reagents |
| | Insights into the tumor microenvironment: High-dimensional single-cell spatial analysis using the Hyperion™ Imaging System | Andrew Quong, PhD Chief Science Officer, Fluidigm |
| トランスレーショナルリサーチにおけるマスマイトメトリー: Session I Auditorium | | |
| 10:30 pm - | Single-cell mass cytometry identifies mechanisms of resistance to immunotherapy in AML | Shelley Herbrich, PhD Department of Leukemia, University of Texas MD Anderson Cancer Center |
| 11:00 pm - | Understanding CD19-negative relapse following CAR T therapies in acute lymphoblastic leukemia | Kara Davis, DO Maternal & Child Health Research Institute, Stanford University |
| 11:30 pm - | Mass cytometry reveals distinct immune signatures marking progression from mild to severe COVID-19 | Bernd Bodenmiller, PhD Professor for Quantitative Biology, Department of Quantitative Biomedicine, University of Zurich |

| Time (JPN) | Presentation Title | Speaker |
|------------|--------------------|---------|
|------------|--------------------|---------|

専門家の紹介 | Meeting Room 2

| | | |
|----------|---|---|
| 11:00 pm | Meet the Expert ライブチャット ベルントボーデンミラーとのライブチャットにご参加ください。手を上げて質問したり、自己紹介して「こんにちは」と言ったりできます。部屋の全員が会話を聞くことができます。 | Bernd Bodenmiller, PhD Professor for Quantitative Biology, Department of Quantitative Biomedicine, University of Zurich |
|----------|---|---|

| | | |
|----------|----------------------------|--|
| 11:30 pm | Meet the Expert ライブチャット | Petter Brodin, MD, PhD Associate Professor and Consultant Physician, Science for Life Laboratory, Karolinska Institutet, Department of Pediatric Rheumatology, Karolinska University Hospital, Stockholm |
|----------|----------------------------|--|

| | | |
|----------------------|----------------------------|--|
| 2020/9/24 2:00 am | Meet the Expert ライブチャット | Patrick Reeves, PhD Instructor in Medicine, Harvard Medical School, Team Leader, Vaccine and Immunotherapy Center, Massachusetts General Hospital |
|----------------------|----------------------------|--|

基調講演 | Auditorium

| | | |
|----------------------|--|---|
| 2020/9/24 0:00 am | Uncovering immunological mechanisms of protection from infection and vaccination in humans | Marcelo Szein, MD Professor of Pediatrics, Associate Director for Basic and Translational Research, Immunology Group Leader, Center for Vaccine Development and Global Health, University of Maryland |
|----------------------|--|---|

| | | |
|---------|---|--|
| 1:00 am | Linking cellular location and patient prognosis in brain tumors | Rebecca Ihrle, PhD Associate Professor of Cell and Developmental Biology, Vanderbilt University |
|---------|---|--|

パネルディスカッション: IMCを始めるにあたっての視点 | Meeting Room 1

| | | |
|---------|------------------|---|
| 2:00 am | Panel Discussion | Philip Hobson, PhD Deputy Head of Flow Cytometry, The Francis Crick Institute Emily Mace, PhD Assistant Professor of Pediatric Immunology, Columbia University |
|---------|------------------|---|

イメージングマスマイトメトリーで得られた新しい洞察 | Meeting Room 1

| | | |
|---------|--|--|
| 2:30 am | Exploring the immune tumor microenvironment of hepatocellular carcinoma with Imaging Mass Cytometry™ | Won Jin Ho, MD Assistant Professor of Oncology, Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins |
|---------|--|--|

| | | |
|--|---|---|
| | Characterizing distinctions in DARC-related Tumor immune MicroEnvironment (DARC TiME) | Melissa Davis, PhD Assistant Professor of Cell and Developmental Biology, Weill Cornell Medical College |
|--|---|---|

| Time (JPN) | Presentation Title | Speaker |
|---|---|---|
| 実用的なマスマイトメトリー Auditorium | | |
| 2:30 am - | On measuring photons and ions: Impact on panel design, signal detection and data quality | Tim Bushnell, PhD, MBA Associate Professor, Department of Pediatrics, Director, Shared Resource Laboratories, University of Rochester |
| | Process development and clinical assessment of CAR T cell products | Greg Hopkins, BS Senior Associate Scientist, bluebird bio |
| | Monitoring immunotherapy with a mass cytometry receptor occupancy assay | Gerd Haga Bringeland, MD, PhD Resident, Neurology, Haukeland University Hospital, Bergen |
| Breakout:成功のための準備- A Panel Discussion Meeting Room 1 | | |
| 3:00 am - | Panel Discussion | Jared Burks, PhD Associate Professor, Co-Director, Flow Cytometry and Cellular Imaging Core Facility, University of Texas MD Anderson Cancer Center Matt Cochran, MS Technical Director, URM Flow Cytometry Shared Resource Laboratory, University of Rochester Emily Thrash, PhD Scientist II, Dana-Farber Cancer Institute Akil Merchant, MD Associate Professor and Director of Imaging Mass Cytometry Shared Resource, Cedars-Sinai Medical Center |
| トランスレーショナルリサーチにおけるマスマイトメトリー：セッションII Meeting Room 2 | | |
| 4:00 am - | Understanding the immunosuppressive functions of cancer-associated fibroblasts in lung cancer | Handan Xiang, PhD Senior Scientist, Merck Research Laboratories |
| | Media smooth muscle cells reprogramming into mesenchymal stem cells drives aortic aneurysm formation | Pei-Yu Chen, PhD Research Scientist, Yale University |
| | Unraveling the spatial distancing between immune compartments of COVID-19 infected tissues using IMC™ | Hiranmayi Ravichandran, MS Mass Cytometry Specialist, Weill Cornell Medical College |
| | B cells and tertiary lymphoid structures promote immunotherapy response | Rafet Basar, MD Assistant Professor, Stem Cell Transplantation and Cellular Therapy, University of Texas MD Anderson Cancer Center |
| - 7:00 am | HLA-E and NKG2A as a novel immune checkpoint axis in bladder cancer | Amir Horowitz, PhD Assistant Professor of Oncological Sciences, Precision Immunology Institute/Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai |

| Time (PN) | Presentation Title | Speaker |
|---|--|---|
| Tutorials: マスサイトメトリーデータの分析 Auditorium | | |
| 6:30 am | Interrogating spatially resolved biomarkers in the tissue microenvironment with quantitative image analysis on Imaging Mass Cytometry datasets | Trevor McKee, PhD Image Analysis Manager, STTARR Innovation Centre |
| | Developing an analysis pipeline for mass cytometry studies | El-ad David Amir, PhD Chief Executive Officer, Astrolabe Diagnostics |
| – 8:00 am | FAUST: A new interpretable machine learning approach for automated gating | Raphael Gottardo, PhD J. Orin Edson Foundation Endowed Chair, Scientific Director, Translational Data Science Integrated Research Center, Fred Hutchinson Cancer Research Center |
| Breakout: CyTOFシステムとイメージングマスサイトメトリーの新しいアプリケーション Meeting Room 1 | | |
| 8:00 am | Live-cell barcoding with Cd-CD45 antibodies | Michelle Poulin, PhD Manager, Proteomics Field Applications |
| | Creating CyTOF panels just got even easier: Maxpar Panel Designer v2.0 | Kevin Brown, PhD Field Applications Specialist |
| | Drop-in expansion panels for the Maxpar Direct Immune Profiling Assay | Noah Saederup, PhD Senior Product Manager, Maxpar Reagents |
| –10:00 am | Insights into the tumor microenvironment: High-dimensional single-cell spatial analysis using the Hyperion Imaging System | Andrew Quong, PhD Chief Science Officer, Fluidigm |



Submit

labroots.com/s/masscytometry-summit

[#cytofsummit2020](https://twitter.com/cytofsummit2020)

For Research Use Only. Not for use in diagnostic procedures.

Information in this publication is subject to change without notice. **Patent and license information:** fluidigm.com/legalnotices. **Trademarks:** Fluidigm, the Fluidigm logo, CyTOF, Direct, Hyperion, Imaging Mass Cytometry, IMC, Immune Profiling Assay and Maxpar are trademarks and/or registered trademarks of Fluidigm Corporation in the United States and/or other countries. All other trademarks are the sole property of their respective owners. ©2020 Fluidigm Corporation. 09/2020