

# Agilent Precision Oncology Virtual Summit

- From Discovery to Clinical Diagnostics

May 20 – 21, 2021



## Join us for an exciting 2 days of virtual interactive sessions on Precision Oncology!

In 4 plenary sessions over 2 days, a total of 17 speakers will be sharing their expertise and insights to the latest tools, studies, clinical applications and future works in the exciting arena of precision medicine. Don't miss this opportunity to interact with the international experts, clinicians and scientists!

### Day 1 Morning Session: Cancer Profiling Strategies and New Genomic Tools

#### Event Details

20 May 2021, Thursday

Day 1 Morning Session starts:

- 09:30 a.m. Singapore Time (UTC +8)
- 10:30 a.m. Seoul / Tokyo Time (UTC +9)
- 11:30 a.m. Melbourne Time (UTC +10)

#### Register now!

Scan QR Code to register:



#### Agenda

- |            |  |
|------------|--|
| 09:15 a.m. | <b>Virtual Summit Lobby Opens</b>  |
| 09:30 a.m. | <b>Welcome and Introduction</b>  |
| 09:35 a.m. | <b>Best-in-Class Exome Powered by Improved Production and Machine Learning</b><br><i>Edward JAN, PhD</i><br>Senior Global Product Manager, Diagnostics and Genomics Group,<br>Agilent Technologies, Inc.                                     |
| 10:00 a.m. | <b>The Agilent Tumor Comprehensive Genomic Profiling Assay Solution</b><br><i>Tracy LIU, PhD</i><br>Global Product Manager, Diagnostics and Genomics Group,<br>Agilent Technologies, Inc.  |
| 10:20 a.m. | <b>Custom Panel Sequencing as a Multi-faceted Platform for Cancer Genomics</b><br><i>Yutaka SUZUKI, PhD</i><br>Professor, Department of Computational Biology and Medical Sciences,<br>University of Tokyo                                   |
| 10:50 a.m. | <b>Project HOPE: Pan-cancer Multi-omics Analysis Project at Shizuoka Cancer Center</b><br><i>Keiichi OHSHIMA, PhD</i><br>Division Head, Medical Genetics Division,<br>Shizuoka Cancer Center Research Institute, Shizuoka, Japan             |
| 11:20 a.m. | <b>Development and Validation of a Targeted Breast Cancer Specific Gene Panel for the Detection of Somatic Mutations from cell-free DNA</b><br><i>Stephen WONG, PhD</i><br>Senior Research Officer, Peter MacCallum Cancer Centre, Australia |
| 11:50 a.m. | <b>Break</b>   |

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## Day 1 Afternoon Session: Emerging Biomarkers and Molecular Profiling for Therapy Selection

### Event Details

20 May 2021, Thursday

Day 1 Afternoon Session starts:

- 3:00 p.m. Singapore Time (UTC +8)
- 4:00 p.m. Seoul / Tokyo Time (UTC +9)
- 5:00 p.m. Melbourne Time (UTC +10)

### Agenda

2:45 p.m.	<b>Virtual Summit Lobby Opens</b>
3:00 p.m.	<b>Introduction</b>
3:05 p.m.	<b>Current and Emerging Biomarkers</b> <i>Pathmanathan RAJADURAI, MBBS, Master of Pathology</i> <i>Laboratory Director, Senior Consultant Pathologist, Subang Jaya Medical Centre, Malaysia</i>
3:35 p.m.	<b>Evaluating the Analytical Validity and Clinical Validity of ctDNA Panel Sequencing</b> <i>Joe ZHANG, PhD</i> <i>Chief Technology Officer, Burning Rock Biotech Pte Ltd</i>
4:05 p.m.	<b>The Paradigm of Lung Cancer: From Therapy Selection to Resistance Monitoring</b> <i>Antonio MARCHETTI, PhD</i> <i>Professor of Pathology and Director,</i> <i>Center of Predictive Molecular Medicine, University of Chieti Italy</i>
4:35 p.m.	<b>Panel Discussion Topic:</b> <b>Challenges and Successes in Implementing Precision Oncology - Are we there yet?</b> <i>Moderator: Dan BELLUOCIO, PhD</i> <i>Sr Field Applications Scientist &amp; Clinical Business Architect,</i> <i>Diagnostic and Genomics Group, Agilent Technologies, Inc.</i>
5:00 p.m.	<b>Thank you and Closing for Day 1</b>

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### Day 2 Morning Session: Improving Patient Treatment Outcomes: Perspectives of the Practising Clinicians and Pathologists

#### Event Details

21 May 2021, Friday

Day 2 Morning Session starts:

- 09:30 a.m. Singapore Time (UTC +8)
- 10:30 a.m. Seoul / Tokyo Time (UTC +9)
- 11:30 a.m. Melbourne Time (UTC +10)

#### Register now!

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#### Agenda

- |            |  |
|------------|--|
| 09:15 a.m. | <b>Virtual Summit Lobby Opens</b>  |
| 09:30 a.m. | <b>Welcome to Day 2</b>  |
| 09:35 a.m. | <b>CDx Launch Success: From Early Biomarker Development through Commercialization</b><br><i>Lise Okkels HANSEN</i><br>Global Product Marketing Manager, CDx Commercialization, Agilent Technologies, Inc.  |
| 10:00 a.m. | <b>Interesting Case Vignettes in Head and Neck Pathology: What Would I Do Without Immunohistochemistry</b><br><i>Kok Hing LIM, MBBS, FRCPath</i><br>Consultant Pathologist. Singapore General Hospital   |
| 10:30 a.m. | <b>Advances in Head and Neck Cancer Therapy: How These Change Pathology Practice</b><br><i>Gopalakrishna IYER, MBBS, PhD, FRCS, FAMS</i><br>Head and Senior Consultant, Department of Head & Neck Surgery, Singapore General Hospital and National Cancer Centre Singapore               |
| 11:00 a.m. | <b>From Genomic Sequencing to Novel Therapeutic Strategies for Lymphoma Prevalent in Asia</b><br><i>Choon Kiat ONG, PhD</i><br>Principal Investigator, Lymphoma Genomic Translational Research Laboratory, Division of Cellular and Molecular Research, National Cancer Centre Singapore |
| 11:30 a.m. | <b>Break</b>   |

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## Day 2 Afternoon Session: Towards a Meaningful Clinical Outcome: Discovery and Applications of NGS

### Event Details

21 May 2021, Friday

Day 2 Afternoon Session starts:

- 2:00 p.m. Singapore Time (UTC +8)
- 3:00 p.m. Seoul / Tokyo Time (UTC +9)
- 4:00 p.m. Melbourne Time (UTC +10)

### Agenda

1:45 p.m.	<b>Virtual Summit Lobby Opens</b>
2:00 p.m.	<b>Introduction</b>
2:05 p.m.	<b>Fusion Detection Using Hybrid Capture-based RNA Sequencing in Formalin-fixed Paraffin-embedded Tissues</b> <i>Jeong Mo BAE, MD, PhD</i> <i>Clinical Assistant Professor, Department of Pathology, Seoul National University Hospital, Korea</i>
2:35 p.m.	<b>TRACEBACK: A Framework to Retrospectively Identify Women Previously Diagnosed With Ovarian Cancer With Pathogenic Germline Variants That Increase Risk of Breast and Ovarian Cancer Who Did Not Have Genetic Testing</b> <i>Rachel DELAHUNTY, MBBS, FRACP</i> <i>Medical Oncologist &amp; and PhD student, Peter MacCallum Cancer Centre, Australia</i>
3:05 p.m.	<b>Lessons Learned From Real World Clinical NGS Cancer Panel Test</b> <i>Ji-Hun KIM, MD, PhD</i> <i>Professor, University of Ulsan College of Medicine, AMC, Korea</i>
3:35 p.m.	<b>Towards Precision Therapeutics in Rare Cancers – Where Are We Now?</b> <i>Jason Yongsheng CHAN, MBBS, MRCP, MMed, FAMS, PhD</i> <i>Consultant Medical Oncologist, National Cancer Centre Singapore</i>
4:05 p.m.	<b>Thank you and Closing of Summit</b>

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