

**Select Biosciences is organizing a 3-track event entitled** [**Circulating Biomarkers World Congress 2015**](http://selectbiosciences.com/conferences/index.aspx?conf=CBWC2015)**, Boston, March 23-24, 2015 bringing together all the relevant topics and speakers from around the world addressing comprehensively the Circulating Biomarkers field.**

**Co-Located Parallel Congress Tracks**

* Exosomes and Microvesicles
* Circulating DNA, Circulating RNA, Circulating Tumor Cells
* Sample Preparation and Analysis

**Topics Covered in this Congress—Complete Coverage of the Circulating Biomarkers Field**

* Biofluid Biopsy Development and Various Biomarker Classes
* Circulating DNA and RNA as Potential Biomarker Classes
* Circulating Tumor Cells (CTCs): Methodologies for Isolation and Interrogation
* Circulating Tumor DNA (ctDNA): Potential for Monitoring Disease Progression in Oncology and for Correctly Deploying Targeted Therapeutics and Enabling Personalized Medicine
* Digital PCR Applications for Circulating Biomarker Interrogation
* EV Cargo and Biomarker Potential--Classes of Biomarker Cargo: DNA, RNA, Protein
* EVs as Delivery Vehicles--Potential of EVs Beyond Biomarkers to Engineered Delivery Vectors
* Exosomes and Microvesicles in Various Disease Classes (Cancer, Cardiovascular Disease, CNS)
* Exosomes, Microvesicles, and Other Classes of Extracellular Vesicles (EVs) as Circulating Biomarkers
* Head-to-Head Comparison of CTCs with ctDNA as Circulating Biomarkers
* Mass Spectrometry for Protein Biomarker Analysis
* Methodologies for Isolating and Characterizing Extracellular Nucleic Acids (cfDNA, Extracellular RNA)
* Microfluidics/Lab-on-a-Chip Methodologies for Sample Preparation
* Next Generation Sequencing (NGS) for Characterizing Circulating Biomarkers: Applications of RNA-Seq for Studying Exosomes and Microvesicles
* Sample Preparation Technologies for Circulating Biomarkers in the Point-of-Care (POC) Diagnostics Environment
* Tools and Technologies for Monitoring Extracellular Nucleic Acids in Biological Fluids

**Confirmed Keynote Speakers**

* David Wong, Felix & Mildred Yip Professor, Associate Dean of Research, Director **UCLA** Center for Oral/Head & Neck Oncology Research. *Saliva-based Exosomes for Liquid Biopsies*
* Dominique de Kleijn, Professor, **National University of Singapore**. *Extracellular Vesicles as Biomarkers for Cardiovascular Disease*
* Doug Taylor, Chief Scientific Officer, **Exosome Sciences**. *Exosomes: From “Dust” to Multiplexed Diagnostic Biomarker*
* Frank Slack, Professor of Medicine & Pathology, Director, Institute of RNA Medicine, **Beth Israel Deaconess Medical Center/Harvard Medical School**. *MicroRNA Biomarkers of Disease*
* Johan Skog, Chief Scientific Officer, **Exosome Diagnostics**. *Exosome Biomarkers: Current State and Future Directions*
* Klaus Pantel, Director, **University Medical Center Hamburg-Eppendorf**. *Detection, biology and clinical implications of CTCs*
* Mark Sausen, Director, Research & Development, **Personal Genome Diagnostics**. *Detection and Genotyping of Sequence and Structural Alterations in the Circulation of Cancer Patients*
* Michael Lutz, CEO, **LifeCodexx**. *New Sample Preparation & Analysis Technologies in the NIPT Field*
* Nitzan Rosenfeld, Senior Group Leader, Cancer Research UK, **University of Cambridge**. *Noninvasive Cancer Genomics and Exploring Potential Clinical Applications of Circulating Tumor DNA*
* Phil Stephens, Chief Scientific Officer, **Foundation Medicine**. *Assessing the Promise of Liquid Biopsy to Enable Detection of Druggable Genomic Alterations Using Targeted NGS Assays Optimized for CTCs and ctDNA*
* Vincent Miller, Chief Medical Officer, **Foundation Medicine**. *Comprehensive Genomic Profiling in Clinical Oncology: Overcoming the Challenges*
* Walter Koch, Vice President and Head of Global Research, **Roche Molecular Systems**. *Blood-based Detection of EGFR Mutations is Predictive of Survival Outcomes in Patients Treated with First-line Erlotinib Intercalated with Chemotherap*y
* Xandra Breakefield, Professor/Geneticist, **MGH-Harvard Medical School**. *Extracellular RNA in Biofluids as Biomarkers of Disease*
* Yoshiya Oda, President, **Eisai**. *Circulating Biomarkers for Oncology/Alzheimer's Disease Drug Development*

**Confirmed Speakers Include**

* Abhijit Patel, Assistant Professor, **Yale University School of Medicine**
* Anastasia Khvorova, Professor, RNA Therapeutics Institute, **University of Massachusetts Medical School**
* Brian Dougherty, Translational Genomics Lead, **AstraZeneca Oncology**
* Casey Maguire, Assistant Professor of Neurology, **Massachusetts General Hospital/Harvard Medical School**
* Cesar Castro, Director – Cancer Program, Center for Systems Biology, **Massachusetts General Hospital/Harvard Medical School**
* Charles Young, Principal Professional Staff, Applied Physics Laboratory, **Johns Hopkins University**
* Chris Karlovich, Principal Scientist, Molecular Diagnostics, **Clovis Oncology**
* Cicek Gercel-Taylor, Clinical Research Director, **Exosome Sciences**
* Daniel Irimia, Assistant Professor, Division of Surgery, Science & Bioengineering, **Massachusetts General Hospital/Harvard Medical School**
* Daniel Jay, Professor, **Tufts University**
* David Miyamoto, Instructor in Radiation Oncology, **Massachusetts General Hospital/Harvard Medical School**
* Davina Gale, Co-Founder & Head of Molecular Diagnostics, **Inivata**
* Dolores Di Vizio, Professor, **Cedars-Sinai Los Angeles**
* Elena Aikawa, Associate Professor of Medicine, **Brigham and Women’s Hospital, Harvard Medical School**
* Farideh Bischoff, Executive Director, **Silicon Biosystems**
* Flavia Pichiorri, Assistant Professor, **The Ohio State University**
* Hakho Lee, Assistant Professor, **Massachusetts General Hospital**
* Héctor Peinado Selgas, Assistant Professor of Molecular Biology, **Weill Medical College of Cornell University**
* Hugh Fan, Professor, **University of Florida**
* Joshua Levin, Senior Scientist/Group Leader, **The Broad Institute of MIT and Harvard**
* Katherine Richardson, Vice President, Research & Development, **Transgenomic**
* Kelli Bramlett, Senior Manager, Research & Development, **Thermo Fisher Scientific**
* Kendall Keuren-Jensen, Associate Professor, **Translational Genomics Research Institute (TGEN)**
* Kristin Ciriello Pothier, Partner & Managing Director, Life Sciences Leader, **Ernst and Young LLP**
* Leileata Russo, Research Professor, **Massachusetts General Hospital (MGH)**
* Leonora Balaj, Research Fellow, **Massachusetts General Hospital**
* Lidong Qin, Associate Professor, CPRIT Scholar, **Houston Methodist Research Institute**
* Mark Reed, Professor of Electrical Engineering and Applied Physics, **Yale University**
* Martin Beaulieu, Director, **Regulus Therapeutics**
* Mike Makrigiorgos, Professor of Radiation Oncology, **Dana Farber Cancer Institute/Harvard Medical School**
* Pavan Kumar, Senior Scientist, **Eisai**
* Roopali Gandhi, Assistant Professor in Neurology, Head of MS Biomarkers, **Brigham and Women's Hospital/Harvard Medical School**
* Saumya Das, Assistant Professor in Medicine, **Harvard Medical School**
* Shannon Stott, Assistant Professor, Department of Medicine, **Massachusetts General Hospital (MGH)/Harvard Medical School**
* Sunil Pandit, Senior Manager, **Siemens Healthcare Diagnostics**
* Tony Godfrey, Associate Chair – Research, Department of Surgery, **Boston University Medical Center**
* Veronique Neumeister, Laboratory Director of Specialized Translational Services, **Yale University**
* Victor Levenson, Director of Scientific Operations, **Catholic Health Institute for Research and Innovation**
* Weian Zhao, Assistant Professor, **University of California-Irvine**
* Yaoyu Wang, Associate Director, Center for Cancer Computational Biology, **Dana-Farber Cancer Institute**
* Yong Zeng, Assistant Professor, **University of Kansas**

Network with all the Researchers and Industry Participants from Around the World in this Expanding Field of Circulating Biomarkers

To Register for this Conference, Please Contact:

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