

B I O D O T

"From R&D to Quantitative IVDs"

Co-Sponsored By



GE Healthcare



Medical Device Development



April 24 - 26, 2012

Irvine Hyatt Regency Hotel

Irvine, CA



DAY ONE:

Tuesday, 24 April, 2012

Session Chair: Barbara McIntosh

1:30 – 2:00	Registration
2:00 – 2:15	Welcome & Introductions
2:15 – 3:00	Exploring Advances in Early Diagnostics and Biomarkers Dr. Jerry McVicker, Associate Director, Diagnostics, Pfizer Animal Health
3:00 – 3:45	Digital Microfluidics for Diagnostics Dr. David Cohen, Scientist, Advanced Liquid Logic
3:45 – 4:00	Coffee Break
4:00 – 4:45	Diagnostic MicroFluidics Assays: Lab Benchtop to Lab-on-Card ” Steve Jackinsky, Director of Diagnostics, Wi Medical Device Development
4:45 – 5:30	Lateral Flow Patent Issues: What’s Happening Now and What’s the Future Going to Bring? Peng Chen, Partner, Morrison & Foerster LLP
5:30 – 8:30	Reception

DAY TWO:

Wednesday, 25 April, 2012

Session Chair: Felix Beltran

7:30 – 8:15 Breakfast

8:15 – 9:00	Building a Rapid Assay: Materials and Methods Dr. Klaus Hochleitner, Global Lead Technical Product Specialist Diagnostics, GE Healthcare
9:00 – 10:15	Combining Biology & Engineering in the Development of Next Generation Rapid Assay Systems Part 1: Critical Considerations in the Design & Development of High Sensitivity, Quantitative, Lateral Flow Assay Systems Dr. Brendan O’Farrell, Founding Partner & CSO, DCN Part 2: The Design & Development of Rapid Assay Devices with Advanced Functionality John Zeis, Founder & Chief Engineer, Symbient Product Development
10:15 – 10:30	Coffee Break
10:30 – 11:15	Converting and Adhesives for Quantitative Rapid Tests Brian Hall, Area Sales Manager, Lohman Corporation
11:15 – 12:00	Approaches to “Card” and “Roll Stock” Rapid Tests Chuck Adams, East Coast Sales Mgr., BioDot
12:00 – 1:00	Lunch
1:00 – 1:45	Dual Path Technology for Next Generation Rapid Assays Dr. Javan Esfandiari, VP Technology Development, Chembio
1:45 – 2:30	New Methodologies to Lateral Flow Designs for Optimal CV Results Ron Laborde, Scientist, Magnabioscience
2:30 – 2:45	Coffee Break

Continue of Day 2:

2:45 – 3:30	"You're pregnant": A novel system for the generation of intuitive result displays in lateral flow assays Dr. Brendan O'Farrell & Dr. Tom Tisone, DCN/BioDot
3:30 – 5:30	<i>Practical: Developing and Manufacturing Quantitative IVD Tests with a "Batch" or "In Line" Approach (4 Stations)</i>
5:30	Meet in the lobby for dinner

DAY THREE:

Thursday, 26 April, 2012

Session Chair: Kim Richman

7:30 – 8:30	Breakfast, Hotel Checkout
8:30 – 9:15	Beyond Lateral Flow Jennifer Ponti, Business Development Manager, Lohmann Corporation
9:15 – 10:00	The Technical Challenges in the Development of Simplified Nucleic Acid Diagnostic Tests Vincent Sy, Business Development, GE Healthcare
10:00 – 10:15	Coffee Break
10:15 – 11:00	Reduced Sample, Automated Approaches to Molecular Diagnostics Brian Kirk, West Coast Sales/Product Mgr. Molecular Diagnostics, BioDot
11:00 – 11:45	New Modalities of On-Card Processing Dr. David Wright , CEO, Wi Medical Device Development
12:00 – 1:00	Lunch
1:00 – 1:45	Quantification of Analytes using the A² Multiplex ELISA System Dr. Robert Matson, President, QuantiScientifics LLC
1:45 – 3:45	<i>Practical: Quantitative Multifluidics, Biosensor & Biochip Rapid Tests: (4 Stations)</i>
3:45 – 4:30	<i>Practical: Interpretation of Rapid Tests: (3 Stations)</i>
4:30 – 5:00	Future of Diagnostics Dr. Tom Tisone, CEO, BioDot Inc
5:15	Close of Meeting and Certificate Distribution