

# **ENABLING POINT OF CARE AND EMERGING DIAGNOSTICS**

## **A "Hands On" BioDot Workshop**

*Co-Sponsored by:*

**Diagnostic Consulting  
Network**

**G&L Precision  
Die Cutting**

**Life  
Bioscience**

**Pall  
Life Sciences**

**QuantiScientifics**

**Wi Medical Device  
Development**

October 11 – 13, 2010

Marriott San Francisco Airport Hotel

San Francisco, CA

## DAY ONE:

**Monday, 11 October 2010**

Session Chair: Barbara McIntosh

1:00 – 1:30	Registration
1:30 – 1:45	<b>Welcome &amp; Introductions</b>
1:45 – 2:30	<b>Enabling Point of Care and Emerging Diagnostics</b> Dr. Tom Tisone, CEO, BioDot, Inc
2:30 – 3:15	<b>Novel Biosensor Application for Point of Care Testing</b> Dr. Sebastian J. Osterfeld, President, MagArray Inc
3:15 – 4:00	<b>Label Free Approaches for Diagnostic Assays</b> Dr. Jared Carter, Scientist, Adarza Bio.
4:00 – 4:15	Coffee
4:15 – 5:00	<b>How to Transform a Benchtop Assay into a “Lab-on-a-Card Platform”</b> Steve Jackinsky, Bioscientist, Wi Medical Device Development
5:00 – 5:45	<b>Challenges to Develop a Microfluidic Device for the Diagnostic Marketplace</b> Curtis Marsh, Engineer, Alere
5:45 – 6:30	<b>Lateral Flow Patent Issues: What’s Happening Now and What’s the Future Bring?</b> Peng Chen, Partner, Morrison & Foerster LLP
6:30 – 9:00	Reception

## DAY TWO:

**Tuesday, 12 October, 2010**

Session Chair: Brian Kirk

7:30 – 8:30 Breakfast

8:30 – 9:15	<b>Rapid Testing Market and Technologies for Food Safety and Agriculture Applications</b> Dr. Ai-Ping Wei, Scientist, Agri-analysis LLC
9:15 – 10:15	<b>Combining Biology &amp; Engineering in the Development of Next Generation Rapid Assay Systems</b>  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	<b>Proven Materials to Produce Lateral Flow &amp; Biosensor Assays</b> Jennifer Ponti, Director of Sales & Marketing, G&L Precision Die Cutting
11:15 – 12:00	<b>Key Elements of a Lateral Flow Test: Selection &amp; Evaluation</b> Dr. Nina Lukinova, Senior Scientist, Pall Life Sciences
12:00 – 1:00	Lunch
1:00 – 1:45	<b>Approaches to Rapid Test Development and Manufacturing</b> Simon Thacker, Application Scientist, BioDot Ltd
1:45 – 2:00	<b>Development of a Novel Multiplexed, Quantitative Reader Based Point of Care Assay Platform</b> Dr. Brendan O'Farrell & John Zeis
2:00 – 3:30	<b><i>Practical: Developing and Manufacturing Lateral Flow Rapid Tests with a "Batch" or "In Line" Systems (4 Stations)</i></b>

**Continue of Day 2:**

3:15 – 3:45	Coffee Break
3:45 – 4:30	<b>The Use of Nanometer Paramagnetic Microspheres in Immunoassays</b> Ron Laborde, Technical Director, MagnaBioscience
4:30 – 5:15	<b>Whole Blood Lateral Flow Assays: Media Optimization for Different Targets</b> Dr. Galina Fomovska, Senior Principal Scientist, Pall Life Sciences
6:00	Meet in the lobby for dinner

## DAY THREE:

**Wednesday, 13 October, 2010**

Session Chair: Ginger Sterling

7:30 – 8:30	Breakfast, Hotel Checkout
8:30 – 9:15	<b>Developing Low-Volume Dispensing Systems for IVD's &amp; New Clinical Applications</b> Tim Foster, VP Sales and Marketing, Life Bioscience
9:15 – 10:00	<b>Cosmetics, Medical, and Dental Technologies – Advances with Glass</b> Lynn L'Archeveque, Sales Manager – Microarray Solutions, Schott
10:00 – 10:15	Coffee Break
10:15 – 12:15	<b><i>Practical: Multifluidics, Biosensor &amp; Biochip Rapid Tests: (4 Stations)</i></b>
12:15 – 1:00	Lunch
1:00 – 1:45	<b>Evaluation of Multiplex Immunoassays</b> Dr. Robert Matson, President, QuantiScientifics LLC
1:45 – 2:30	<b>Tools to Simply the Transition from Development to Manufacturing of IVD's</b> Dr. John Gallagher, Application Scientist, BioDot Inc
2:30 – 2:45	Break
2:45 – 4:15	<b><i>Practical: Interpretation of Rapid Tests: 3 Stations</i></b>
4:15 – 4:45	<b>A Look into the Future of Diagnostics</b> Dr. David Wright , CEO, Wi Medical Device Development
4:45 – 5:00	Close of Meeting and Certificate Distribution