

Pan-American Society for Clinical Virology 2006 Molecular Virology Workshop

Workshop Co-Chairmen: Richard L. Hodinka, Ph.D., Children's Hospital of Philadelphia, Philadelphia, PA

Danny L. Wiedbrauk, Ph.D. Warde Medical Laboratory, Ann Arbor, MI

Curt Gleaves, M.S. Providence Portland Medical Center, Portland, OR

Scientific Program

Friday, April 28, 2006 (4 contact Hours – Advanced Level)

11:00 a.m. – 1:00 p.m. **Registration**

1:00 p.m. – 1:05 p.m. **Opening Remarks**

1:05 p.m. – 2:55 p.m. The Realities of Real-Time PCR: Issues and Practical Points
R.L. Hodinka, Ph.D., D.L. Wiedbrauk, Ph.D., C. Gleaves, M.S.

The entire afternoon on Friday will involve an interactive session with audience participation. Various issues and practical points of real-time PCR will be discussed and debated. The co-organizers of the workshop will function as facilitators to pose questions to the workshop participants and to help direct the discussion. Subjects will include but are not limited to the following: Selecting the Best Specimen Source(s), Specimen Collection and Processing, Assay Development, Primer/Probe Selection, Assay Chemistries, Assay Verification/Validation/Optimization, Quality Control/Quality Assurance, When and How to Perform Quantitative Assays, Proficiency, Competency, Equipment Available for Nucleic Acid Extraction, Equipment Available for Amplification and Detection, What's New for CAP Inspections for 2006. Most of us who attend the Molecular Virology Workshop now do some amount of real-time PCR in our laboratory, although often we have our own way of doing things. There is a collective experience in the audience that should be quite fun and interesting to draw on. The opinions will vary and the discussions will be lively.

2:55 p.m. – 3:10 p.m. **Break**

3:10 p.m. – 5:00 p.m. Interactive Session (Continued)

5:00 p.m. **Adjourn**

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Saturday, April 29, 2006 (4 contact Hours – Advanced Level)

8:00 a.m. – 8:05 a.m.	Opening Remarks
8:05 a.m. – 8:50 a.m.	Luminex Bead-Based Multiplex Nucleic Acid Detection Sherry Dunbar, Ph.D. Luminex Corporation, Austin, TX
8:50 a.m. – 9:00 a.m.	Discussion
9:00 a.m. – 9:45 a.m.	Multicode RTx and PLx Molecular Technology Jim Prudent, Ph.D. EraGen Biosciences, Inc., Madison, WI
9:45 a.m. – 9:55 a.m.	Discussion
9:55 a.m. – 10:10 a.m.	Break
10:10 a.m. – 10:55 a.m.	Molecular Diagnostic Arrays in Clinical Virology Jay Shaw, Ph.D. Nanogen, San Diego, CA
10:55 a.m. – 11:05 a.m.	Discussion
11:05 a.m. – 11:50 a.m.	Lab-in-a-tube (Liat) Portable Molecular Amplification Platform Martin Zillmann, Ph.D. IQuum, Inc., Allston, MA
11:50 a.m. – 12:00 noon	Discussion
12:00 noon	Adjourn