

## Particle Characterization and BioPharmaceutical Processing Seminar Thursday, April 24, 2008

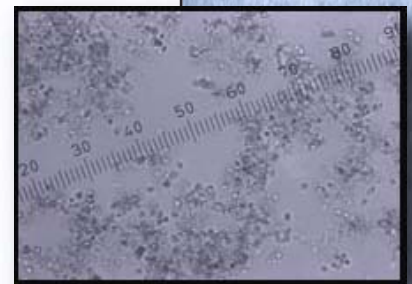
HORIBA Instruments, Inc. and Microfluidics present a seminar on particle size technology, biotechnology and pharmaceutical processing with speakers who are acknowledged experts in the pharmaceutical field. Emphasis will be on applications, problem solving and new developments.

### Agenda:

- 8:30 - 9:15 Microfluidizer® High Shear Fluid Processing: Core Technology, Microfluidics Reaction Technology (MRT) and BioPharmaceutical Applications.  
By: Mimi Panagiotou, Ph.D., Microfluidics, Inc.
- 9:15 - 10:00 High level expression through *Pichia pastoris* fermentation.  
By: Ben Woodard, University of Maryland
- 10:15-10:30 Break
- 10:30-11:15 Process Development of a Novel Malaria Vaccine Candidate.  
By: Richard Shimp, National Institute of Health, NIAID
- 11:15-11:30 Size Specifications in the Pharmaceutical Industry.  
By: Mark Bumiller, HORIBA Instruments
- 11:30 - 12:15 Particle Size Method Development and Validation Support of NanoCrystal™ Colloidal Dispersion Formulation Characterization.  
By: Joost Strasters, Elan Pharmaceuticals
- 12:15 - 1:00 Lunch
- 1:00 - 1:30 Particle Characterization Applications in the Pharmaceutical Industry.  
By: Mark Bumiller, HORIBA Instruments
- 1:30 - 3:30 HORIBA instruments and Microfluidizer demonstrations.

### Held at:

The Legacy Hotel  
and Meeting Center  
1775 Rockville Pike  
Rockville, MD  
(301) 881-2300



**There is no fee for this seminar, but reservations are required.  
RSVP by April 18, 2008.**

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