

# forum on pharma: building better injectables



## day 1: June 3

### welcome and breakfast

#### introduction to parenteral dosage form manufacturing

presented by Ashland



Sean McMahon, Ph.D.  
director of pharmaceutical business development and strategic marketing (injectables) Ashland

#### formulation development and selection strategy

presented by SwRI



Jamie Oxley, Ph.D.  
institute scientist, SwRI Pharma

#### lactide/glycolide polymers for long-acting injectables

presented by Ashland



Patrick Duffy, Ph.D.  
sr. team leader, r&d – pharma, Ashland

#### understanding advanced delivery formulation techniques, MSs

presented by Oakwood Labs



Tracy Richey, Ph.D.  
sr. director, technology, Oakwood Labs

### lunch

#### ms demo and considerations high throughput np demo

conducted by Oakwood Labs and Ashland



Tracy Richey, Ph.D.  
sr. director, technology, Oakwood Labs



Niloofer Heshmati, Ph.D.  
parenteral dosage form scientist, Ashland

#### in situ depots hme procedure / considerations

conducted by Ashland



Cory Mahnen, MSc.  
sr. team leader, r&d – pharma, Ashland



Fengyuan (George) Yang, Ph.D.  
principal scientist – pharma, Ashland

## day 2: June 4

### welcome and breakfast

#### case studies on parenteral formulation & process development: challenges and solutions

presented by Merck



Rubi Burlage, Ph.D.  
associate vice president, sterile products development, Merck

#### methods for stabilization and administration of high concentration biologic drugs

presented by Eric Appel



Eric Appel, Ph.D.  
associate professor of material science & engineering, Stanford University

#### long-acting implants workshop

presented by ProMed Pharma, LLC



Nathan Lockwood, Ph.D.  
director of r&d, ProMed Pharma LLC

#### lyo cycle development and application from bench to industrial scale

presented by Labyrinth Biopharma



Jeff Schwegman, Ph.D.  
founder & ceo, Labyrinth Biopharma

### lunch

#### running the fdm / develop a cycle operate a lyo and recon

conducted by The McCrone Group and Ashland



Ruben Nieblas  
technical sales representative, The McCrone Group



Fengyuan (George) Yang, Ph.D.  
principal scientist – pharma, Ashland

#### choosing ivr methods and demonstrations (usp 1,2,4,7)

conducted by Ashland



Kamaru Lawal  
senior staff scientist, Ashland



Cory Mahnen, MSc.  
sr. team leader, r&d – pharma, Ashland

## day 3: June 5

### welcome and breakfast

#### bioavailability enhancement of poorly soluble therapeutics

presented by Ashland



Cory Mahnen, MSc.  
sr. team leader, r&d – pharma, Ashland

#### analysis of biologic therapeutics

presented by Ashland



Kathryn Messina, Ph.D.  
bioanalytical staff scientist, Ashland

#### USP excipient standards and solutions for injectable products, focusing on lactide-glycolide Polymers

presented by USP



Peng Zhang, Ph.D.  
principal scientist, United States Pharmacopeia (USP)

#### current challenges in the space and future perspectives

presented by Kinam Park



Kinam Park, Ph.D.  
Showalter distinguished professor of biomedical engineering and professor of pharmaceuticals, Purdue University

