



## **Real Time Release in Solid Dosages Seminar Agenda**

### **Day 1 – September 8**

*9:00 AM – 9:45 AM: RTR Background & Regulatory Overview, Dr. Carlos Conde*

*9:45 AM – 10:05 AM: Road Map to Real Time Release, Manuel Hormaza, PE*

- Manufacturing Strategies as Drivers to RTR, PAT & QbD
- The Roadmap's Two Components: Technical & Business

*10:05 AM – 10:15 AM: Role of QbD & PAT in RTR, Dr. Carlos Conde*

*10:15 AM – 10:25 AM: Break*

*10:25 AM – 11:25 AM: RTR Case Study: QbD for Tablets Compression, Dr. Carlos Conde*

*11:25 AM – 12:25 PM: RTR Case Study: PAT for Tablets Compression, Dr. Carlos Conde*

*12:25 PM – 1:25 PM: Lunch*

*1:25 PM – 1:55 PM: RTR Case Study: Time-line and Approach for RTR Regulatory Approval, Dr. Carlos Conde*

*1:55 PM – 2:15 PM: Road Map to RTR – Lessons Learned, Dr. Carlos Conde*

*2:15 PM – 2:35 PM: Return on Investment Worksheet for RTR, Manuel Hormaza, PE*

*2:35 PM – 2:45 PM: Break*

*2:45 PM – 4:05 PM: Hands-On Exercise on Development of an RTR Project*

*4:05 PM – 4:30 PM: Closing Remarks*



**Day 2 – September 9**

*9:00 AM – 10:00 AM:* Fundamentals of Continuous Manufacturing (Batch vs Continuous),  
Dr. Carlos Velázquez

*10:00 AM – 10:30 AM:* Current Initiatives in Continuous Manufacturing in the Pharmaceutical  
Industry, Manuel Hormaza, PE

*10:30 AM – 10:40 AM:* Break

*10:40 AM – 11:40 AM:* Real Case Study on Continuous Manufacturing, Dr. Eric Sánchez

*11:40 AM – 12:10 PM:* Barriers Towards Continuous Manufacturing in the Pharmaceutical  
Industry, Panel led by Drs. Carlos Velázquez, Eric Sánchez & Manuel  
Hormaza.

*12:10 PM – 1:10 PM:* Lunch and transfer to UPR-M

*2:00 PM – 4:00 PM:* Hands-On in Continuous Manufacturing, Dr. Carlos Velázquez  
(UPR-M pilot Pharma Lab)

*4:00 PM – 4:30 PM:* Closing Remarks