



Ashland Pharmaceutical Technology Symposium on Enabling Technologies for Modern Drug Delivery

The **Ashland pharmaceutical team** cordially invites you to attend our Enabling **Technologies for Modern Drug Delivery Symposium**. This symposium will provide you with an excellent opportunity to learn and network as Ashland technical experts and guest speakers will present on a broad range of topics covering formulation development, process development and production. **The event is complementary and lunch is provided.**

- **Date:** September 14th, 2017

- **Address:** Embassy Suites by Hilton San Francisco Airport
Waterfront, 150 Anza Blvd, Burlingame, CA 94010

Program

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| 8:30 am | Registration |
| 9:00 am | Welcome, Intro, Meeting Objectives and Safety
Dave Millar and Tom Dürig, Ashland |
| 9:15 am | Reducing Formulation Risk with Science-based Excipient Selection
Tom Dürig, Ashland |
| 10:00 am | New Product Launch Presentation: Aquarius™ Protect Film Coating System
Tom Dürig, Ashland |
| 10:10 am | Communication Break |
| 10:30 am | Rational Polymer and Process Selection for Amorphous Solid Dispersions
Vivian Bi, Ashland |
| 11:15 am | New Product Launch Presentation: NaCMC Aqualon™ BET
Vivian Bi, Ashland |
| 11:25 am | Development of Poorly Soluble Compounds from Discovery to FIH and Later Clinical Development Phases
Hamid Rezaei, Plexxikon Inc. |
| 12:10 pm | Lunch |
| 1:10 pm | Exploring New Technologies for Continuous Tablet Manufacturing: A Case Study on Application of Integrated Hot Melt Extrusion and Injection Molding Process Technology
Vibha Puri, Genetech |
| 1:55 pm | Cyclodextrins: Versatile and Functional Formulating Agents for Large and Small Molecules
Scott Starr, Wacker |
| 2:40 pm | Communication break |
| 3:00 pm | Binder Selection: What to Consider for Direct Compression, Wet Granulation and Dry Granulation
Joseph Reo, Ashland |
| 3:45 pm | New Product launch presentation: HPMC Benecel™ XR
Joseph Reo, Ashland |
| 3:55 pm | Panel Discussion
All speakers |
| 4:25 pm | Wrap up and Departure
Tom Dürig and David Millar, Ashland |

To register, please contact **Mr. David Millar** (djmillar@ashland.com) with your name, title, affiliation and contract information (Phone and email address).

