



**SAVE THE DATE!**

## **2018 Pre-Filled Syringes Forum:** Strategic Development, Safety & Regulatory Compliance, and Commercialization of Pre-Filled Syringes April 3–4, 2018, Philadelphia, PA

PharmaEd Resources, an industry leader since 2004 in delivering market-driven research on pre-filled syringes, is proud to announce its 10th annual 2018 Pre-Filled Syringes Forum. The pre-filled syringes market is expected to reach 6.3 billion dollars by 2021. The biopharmaceutical industry is looking for next generation materials, technologies and production strategies to streamline commercialization and to adapt quickly to a changing regulatory environment. That is why you cannot afford to miss this intensive two-day training event. Pharma Ed brings together top researchers, and innovators to share best practices and the latest science, enabling you to maximize your organization's leverage in this dynamic and growing market.

### *Including Special Coverage On:*

- **A PFS Case Study—FDA Warning Letter for a Combination Product**
- **Key Factors in Combination Product Development: Regulatory Hurdles in Receiving PFS and Pen Approvals for Human Factors Studies**
- **Next Generation Materials & Design of Pre-Filled Syringes**
- **Finite Element Analysis Modeling Applications to PFS and Autoinjector System Design**
- **Improving Quality and Cost Control Through Fully Automated Manufacturing of Customized Disposable Pen and Autoinjector Devices**
- **Container Closure Integrity Testing and Upcoming Revisions**
- **Comparison of Stability Characteristics Between Glass and Plastic Systems**
- **Regulatory Concerns When Considering a Change From Glass to Plastic**
- **Case Studies of PFS Application Process With New Regulations**
- **Polymer-Based Syringes Disadvantages and Related Equipment For Handling**
- **Fully Automated, Semi-Automated, and Manuel Inspection Technologies for Safety and Quality in PFS Manufacturing**
- **Update on USP's General Chapters Revisions on Packaging Components for Pre-filled Syringes**
- **A Complete E&L Qualification Case Study of New Label on Plastic PFS**
- **Managing the Materials used to Construct Pre-Filled Syringes—Selection and Supply Chain Control**
- **Overcoming Complex Requirements for Biologic Drug Delivery**
- **And Much More!**

***Sponsorships and Abstracts Currently Being Accepted***

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