

# WASHINGTON CHROMATOGRAPHY DISCUSSION GROUP

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## Capillary Electrophoresis Workshop

**Instructor:** Brandon Bates (Manager, Field Application Support – Sciex, Americas)

**August 22 & 23, 2017**

IBBR, 9600 Gudelsky Drive, Rockville, MD 20850



**About the Instructor:** Brandon Bates is currently the Manager of the Field Applications Support Team with Sciex Separations. He began his CE customer support career with Beckman Coulter in 2010, transitioning to Sciex in 2014. During this 7 year period, Brandon had overseen the installation and successful implementation of hundreds of Sciex CE instruments in the US and Canada through onsite support and training. He also oversees all CE applications specialists in the US.

Prior to his time with Sciex Separations, he gained experience while at the University of Iowa department of Internal Medicine, followed by a position with the Department of Microbial Systems Biology at Argonne National Laboratory.

**Prerequisite:** Interest in CE chemistry, software, and hardware. IgG purity Application will be run in the lab as an example of instrument capabilities. Other CE applications and theory will be discussed in a classroom setting.

### **Day 1 AM (classroom)**

- CE Basics
- Main components of PA800
- Interface Block – cleaning
- Importance of liquid cooling
- Capillary handling
- IgG purity application chemistry presentation
- What results to expect (software)

### **Day 1 PM (lab)**

- IgG application guide (follow IgG app guide)
- Sample prep, Buffer vials prep, 32K data collection
- Program overnight runs

### **Day 2 AM (lab)**

- Data Analysis (follow IgG app guide)
- Overlay data files, etc
- Go over conditioning, separation and shutdown methods
- Demonstrate report generation
- PA800 cleaning interface block, get ready for shutdown

**Registration:** \$600 (inquire about student rates)

Registration fee includes course materials and breakfast, lunch, and coffee/beverage service for the duration of the course. Payment by credit card is preferred; checks made payable to WCDG will also be accepted. Questions can be sent to [washchrom@gmail.com](mailto:washchrom@gmail.com)

Register now at <http://wcdgcourse.ezregister.com>