Syllabus for Success Plus and Master : Biologics characterization on X500B QTOF system

SCIEX training courses follow the proven spaced learning approach to maximize learning retention. The training process includes a blend of instructor-led training, hands-on laboratory exercises and self-paced eLearning provided at the customer site.

Course goals and outcome

This course is personalized for the biologics characterization workflow on the X500B QTOF system.

This syllabus covers the Success Plus and Master programs. The Success Plus program includes 2.5 onsite training days and is intended for a learner with minimal experience. The Success Master program includes 3.5 onsite training days and is intended for a novice learner with no experience.

Table 1 details the topics that will be covered during the Success Plus and Master programs. The topics covered will vary depending on your level of experience and workflow.

The Success Plus program is intended to provide the learner with the knowledge necessary to set up the instrument, create LC and MS methods, acquire data for a set of samples, and perform data analysis for the intact biologics analysis and peptide mapping workflows.

The Success Master program is intended to provide the learner with the knowledge necessary to set up the instrument, create LC and MS methods, acquire data for a set of samples, perform data analysis for the intact biologics analysis and peptide mapping workflows, and perform system maintenance.

This course offers an Operator workflow certificate upon completion of a knowledge assessment.

Training program overview

Your Success Program training includes the following:

- 4 hours of software and workflow related eLearning courses
- 5 hours (0.5 days) of instructor led and hands-on training provided at your site by a Service trainer
- **Success Plus**: 2 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in your workflow
- **Success Master**: 3 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in your workflow
- Complimentary follow-up virtual session with an Applications Support Scientist
- Basic Operator workflow certificate upon successful completion of final exams
- P.A.C.E.® Continuing Education Credits for on-site training and selected online eLearning courses
- Access to SCIEX Now Learning Hub database of >100 eLearning courses
- Access to SCIEX Now online support tools available for up to 3 learners

P.A.C.E.® certification

SCIEX is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. Learners interested in obtaining a P.A.C.E.® certificate and P.A.C.E.® accreditation for taking this course (equal to 12 P.A.C.E.® credits for Success Plus and 18 credits for Success Master) must attend the entire training session and complete a brief evaluation survey.

Table 1: Topics covered during Success programs

Topics covered during training	Success Plus program (2.5 total onsite days)	Success Master program (3.5 total onsite days)
Number of hands on training days	***0.5 Days** with Service trainer* ***2 Days** with Applications Support Scientist*	***0.5 Days** with Service trainer* ***3 Days** with Applications Support Scientist*
Fundamentals	*Overview of the system* *Sample preparation theory*	*Theory of LC-MS* *Overview of the system* *Basics of method development* *Sample preparation theory*
SCIEX OS overview	*Overview of different modules*	*Overview of different modules*
Instrument tuning using MS Tune mode	*Quick check of instrument status*	*Quick check of instrument status* *Instrument tuning and calibration*
Acquisition method	*Create TOF MS acquisition method* *Create IDA acquisition method* *Create SWATH acquisition method* *Create LC methods*	*Create TOF MS acquisition method* *Create IDA acquisition method* *Create SWATH acquisition method* *Create LC methods*
Acquisition batch	*Setup a sample batch* *Sample submission* *Queue management*	*Setup a sample batch* *Sample submission* *Queue management*
Data processing	*Analyze intact data* *Analyze peptide mapping data*	*Analyze intact data* *Analyze peptide mapping data*
Maintenance and troubleshooting	*HPLC and MS troubleshooting* *Best practices for LC-MS*	*System maintenance* *HPLC and MS troubleshooting* *Best practices for LC-MS*

NOTE: the topics covered will vary depending on the learner's level of experience and their workflow

SCIEX

Headquarters
500 Old Connecticut Path | Framingham, MA 01701 USA
Phone 508-383-7700
sciex.com

International Sales
For our office locations please call the division headquarters or refer to our website at
sciex.com/offices