

# GAIN TECHNICAL KNOWLEDGE, CONSISTENCY, AND CONFIDENCE

## With Hands-On Training in Hematopoietic Protocols

Are you exploring new research areas or looking to standardize the techniques in your lab? STEMCELL Technologies has services to support your training needs. We offer a wide range of programs to help you expand your understanding of cell biology, optimize your protocols, and reduce variability among your cultures and experiments.

- **Proficiency testing programs** for comparison and standardization of colony-forming unit (CFU) assay results between laboratories worldwide.
- **Training courses** that offer personalized instruction to cover assay theory and increase proficiency in performing HSPC assays.
- **Quality control kits** for monitoring reproducibility of colony assays within individual laboratories over the course of one year.

### Why Learn From Us?

**KNOWLEDGEABLE.** Learn firsthand from our product scientists and protocol specialists.

**PERSONALIZED.** Low trainer to trainee ratio allows for tailored instruction, one-on-one interaction, and comprehensive post-training support.

**TECHNICAL.** Over half of every course is dedicated to hands-on laboratory techniques.

**CONVENIENT.** Courses are hosted in several locations worldwide with multiple sessions per year, or, our trainers can come to you.

## Proficiency Testing

STEMCELL Technologies encourages laboratories to participate in our Proficiency Testing programs to reduce user variability. Evaluate your ability to perform all steps of the CFU assay, including upstream events such as cell thawing, dilution, inoculation, and plating, through our Proficiency Testing programs. Participants are provided with a cell sample, MethoCult™ medium, additional reagents and supplies, and detailed instructions to perform the CFU assay. The results from all participants are analyzed and compared to the cohort mean according to guidelines outlined in ISO 13528.

PROGRAM	CATALOG #	SESSION CODE	REGISTRATION DEADLINE	PROFICIENCY TESTING KIT SHIPMENT DATE**
Fresh Cord Blood (Spring)*	00606, 00607	CBH14	February 22, 2019	March 20, 2019
Frozen Bone Marrow (Spring)	00602, 00603	BM42	April 5, 2019	May 22, 2019
Frozen Cord Blood (Fall)	00608, 00609	CBZ20	September 6, 2019	October 2, 2019
Frozen Bone Marrow (Fall)	00602, 00603	BM43	September 27, 2019	October 23, 2019

\* Note that the Fresh Cord Blood Program is restricted to customers in North America.

\*\* Shipping dates may vary for locations outside of North America.

## 2018 – 2019 HSPC Training Course Schedule

COURSE	DATE	LOCATION	CATALOG #
Standardization of the Hematopoietic Progenitor Assay	October 17 – 18, 2018	Marlborough, U.S.	00215US.2
Standardization of the Hematopoietic Progenitor Assay	February 27 – 28, 2019	Cambridge, U.K.	00215UK.3
Applications of the Hematopoietic Progenitor Assay	February 27 – March 1, 2019	Cambridge, U.K.	00217UK.3
Standardization of the Hematopoietic Progenitor Assay	March 21 – 22, 2019	Dresden, Germany	00215GER.3
Standardization of the Hematopoietic Progenitor Assay	April 4 – 5, 2019	Marlborough, U.S.	00215US.4
Standardization of the Hematopoietic Progenitor Assay	May 6 – 7, 2019	Vancouver, Canada	00215CA.3
Applications of the Hematopoietic Progenitor Assay	May 6 – 8, 2019	Vancouver, Canada	00217CA.3

To register, visit [www.stemcell.com/education](http://www.stemcell.com/education) or email [education@stemcell.com](mailto:education@stemcell.com).

### Standardization of the Hematopoietic Progenitor Assay (CATALOG #00215)

In this two-day course, participants working with human cord blood, bone marrow, or mobilized peripheral blood samples will gain expertise in enumeration of hematopoietic progenitor cells using MethoCult™ media. Participants will also be introduced to STEMvision™, an instrument designed specifically for imaging and counting hematopoietic colonies.

### Quality Control Kits

STEMCELL Quality Control Kits are available for cell processing laboratories to monitor their ability to reproducibly set up, culture, and score hematopoietic colony forming unit (CFU) assays. The kit contains enough media, cells, and culture supplies to perform monthly CFU assays over a one-year period. Detailed instructions are also included. The use of a standardized medium and identical aliquots of cells from a single source minimizes variability associated with the CFU assay, allowing you to monitor a laboratory's consistency in performing the assay.

PRODUCT	CATALOG #	CONTAINS
Human Bone Marrow Quality Control Kit	00650	12 kits
Human Cord Blood Quality Control Kit	00651	12 kits

### Applications of the Hematopoietic Progenitor Assay (CATALOG #00217)

In this three-day course, participants will focus on hematopoietic progenitor cell assays for human, mouse, and rat samples, with an emphasis on toxicity testing and drug development. Participants will learn how to effectively design in vitro and in vivo assays and how to evaluate the effect of compounds on blood and bone marrow using mouse models.

### Would You Like to Standardize a Technical Procedure Within Your Own Facility?

Our trainers will come to you! Custom training packages can be created for your own facility. A STEMCELL Technologies Technical Specialist will provide personalized, hands-on training using your own cultures. Courses are available in English, French, or German. For information, contact [education@stemcell.com](mailto:education@stemcell.com).

### Need Immediate Technical Assistance?

STEMCELL Technologies Product and Scientific Support is available to answer your questions and troubleshoot your protocols. Call 1-800-667-0322, email [techsupport@stemcell.com](mailto:techsupport@stemcell.com), or visit [www.stemcell.com](http://www.stemcell.com) for live online chat.

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