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**Submission Deadline: March 15, 2019**

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### Heating and Cooling Reactor Module

The Polar Bear Plus GSM from Uniqsis is a versatile heating and cooling reactor module for flow chemistry applications using glass static mixers (GSMs)/reactor chips. Compatible with all Uniqsis GSMs from 250  $\mu$ L to 20 mL total channel volume, the unit delivers precise flow-reactor temperature control from  $-30^{\circ}\text{C}$  up to  $+150^{\circ}\text{C}$ . The reactor module will

accommodate all sizes of GSM from a single large chip, or—using a conductive insert—up to two of the smaller GSMs. Customized holders are also available on request.

#### Uniqsis

For info: +44-(0)-845-864-7747  
www.uniqsis.com

### Spheroid Microplate

The Corning 1,536-well Spheroid Microplate helps scientists generate a higher volume of spheroids for high-throughput screening, which is especially beneficial in cancer research and drug testing. It eliminates the need for a transfer step in visualization or biochemical assays, reducing the risk of cell damage or loss, and is compatible with most high-throughput screening instruments. As with all Corning spheroid microplates, the 1,536-well microplate features round well-bottoms and the Corning Ultra-Low Attachment (ULA) surface coating, to enable uniform, centered, single-spheroid formation across all wells with an easy-to-use “plug and play” protocol. It is also optimized for visualization with an optically clear well-bottom and black opaque microplate body to reduce well-to-well crosstalk.

#### Corning

For info: 800-492-1110  
www.corning.com

### Cell Sorter

The BD FACSymphony S6 cell sorter instrument offers six-way sorting and supports analysis of up to 30 parameters. It includes a scalable architecture that could be upgraded to enable greater parameter analysis in the future. This advanced platform features an ultraquiet electronics system adapted from the defense industry, which improves detection sensitivity to enable sorting of rare cell types. The system is configurable through BD’s Special Order Research Products (SORP) program and can be customized with up to nine spatially separated lasers, each with multiple power ratings, to fully leverage the broad portfolio of BD Horizon Brilliant reagents. The new platform gives researchers the ability to sort cell populations to better understand cell phenotypes for immunology and multi-omics research.

#### BD

For info: 201-847-6800  
www.bd.com

### Cartridge Housing

The 76B Series single-cartridge housing from Amazon Filters is a high-quality product specifically designed for aseptic liquid pharmaceutical and health care filtration applications. The vent and drain connections on the 76B Series housing can be

customized from a wide range of options to provide an optimized filter housing for your application. The housing is designed and manufactured to provide crevice-free sanitary finish with all internal surfaces having a 0.4- $\mu$ m reverse acting (RA) value, making it an ideal choice for critical liquid-pharmaceutical or health care applications, where a standard finish is simply not good enough. The hygienic design of the housing makes it easy to clean after use, ensuring quick turnaround between batch processing. Designed to be easily sanitized or steam-sterilized prior to use, the housing ensures that the sterility of your process is maintained.

#### Amazon Filters

For info: +44-(0)-1276-670600  
www.amazonfilters.com/products/filter-housings

### Benchtop Tray Freeze Dryer

Designed for pharmaceutical and biotech labs, the AdVantage Pro freeze dryer with the advanced Intellitronics Controller from SP Scientific has shelf-temperature uniformity ( $\pm 1.0^{\circ}\text{C}$ ) and vacuum control system performance comparable to larger-production freeze dryers, but in a convenient benchtop package. At only 26 in (66 cm) wide, the unit requires a minimal amount of your valuable bench space, yet enables product to be safely processed on over 3 ft<sup>2</sup> (2,766 cm<sup>2</sup>) of usable shelf area. It offers the versatility to freeze dry bulk product or be configured for applications in stoppered vials. The AdVantage Pro also features a sophisticated, accurate Pirani gauge to measure and control vacuum. Side-mounted manifold valves provide additional flexibility to freeze dry product in flasks. Two refrigeration choices ( $-70^{\circ}\text{C}$  and  $-85^{\circ}\text{C}$ ) are available for the large 6-L capacity condenser, depending on the type of product and solvents being lyophilized. Recipe customization (up to 10 thermal treatments and 12 drying steps) enables experienced operators to undertake even the most complex freeze-drying protocols.

#### SP Scientific

For info: 845-255-5000  
www.spscientific.com/advantagepro

### CO<sub>2</sub> Incubator

Are you looking for a 170-L-class CO<sub>2</sub> incubator that provides flexibility for the future, makes monitoring and documentation easy, and delivers optimized growth conditions, even for your sensitive cells? Do you need a CO<sub>2</sub> incubator that also saves money and is produced at the highest standards of quality? Let us introduce CellXpert—a family of Eppendorf CO<sub>2</sub> incubators. These incubators have several established features, such as a fanless design and a deep-drawn chamber. In addition, they incorporate several innovations, including multiple integrated temperature sensors, a smart gas control, and a magnetic door-closing concept for enhanced ergonomics. The CellXpert also includes Eppendorf’s VisioNize system for remote monitoring. CellXpert C170i CO<sub>2</sub> incubators are designed with user comfort and convenience in mind. The large touchscreen can be operated with or without gloves, allowing you to manage your lab effortlessly and securely.

#### Eppendorf

For info: 800-645-3050  
www.eppendorf.com/cellxpert

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An august group of 271 scientists and engineers representing 131 institutions of higher learning.

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Visit [stpf-aaas.org](http://stpf-aaas.org)



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**Date:** July 21 – August 3, 2019 (apply by July 1st)

**Location:** Smith College, Northampton, MA, USA

**Tuition:** \$4500 per participant  
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