

## **LUNCH WORKSHOPS** (hall 202)



### **SUNDAY, 12:40**

#### **Sony Biotechnology lunch seminar**

#### **Why to have 6 lasers on your cytometer? Standardization and advancements in spectral analysis: empowering precision and efficiency through software update and pioneering stable 320nm laser technology**

In this seminar, we present exciting developments in our instrument's software update, featuring innovative tools that revolutionize spectral analysis in flow cytometry. The newly introduced standardization mode ensures consistent results in time and across all units worldwide and enables seamless adjustments of PMT gains without disrupting spectral unmixing. This breakthrough eliminates compromises in sample resolution caused by excessively bright controls, optimizing voltages for both controls and samples. Additionally, the standardization mode facilitates the reuse of spectral reference libraries, leading to significant savings in time and reagent consumption.

Furthermore, we delve into the unparalleled advantages of integrating the 320nm laser into our system. The incorporation of this laser results in substantial enhancements in resolution, particularly for large panels comprising more than 35 colors. By leveraging the 320nm laser's capabilities, researchers can achieve unparalleled precision and accuracy in their spectral analyses, unlocking new possibilities for high-dimensional flow cytometry experiments.

Join us for this enlightening talk as we explore how these cutting-edge updates empower researchers with unprecedented control, efficiency, and accuracy in spectral analysis, opening up exciting avenues for groundbreaking discoveries in flow cytometry.

### **MONDAY, 12:50**

#### **Sony Biotechnology lunch seminar**

#### **Next generation of cell sorting for cell and gene therapy: introducing the CGX10 cell sorter**

The CGX10 Cell Isolation System is brandnew system enabling fully closed,

fast, multiparametric cell sorting for all kinds of cell therapy applications. With its proprietary microfluidic chip, the CGX10 Cell Isolation System is ideal for high-speed isolation of highly pure and viable T and NK cells exhibiting different immunological markers. With its GMP-ready instrument design, single-use kits, and software, the instrument is a first mover in the cell and gene therapy cell isolation space and enables users to navigate the cell and gene therapy manufacturing workflows with confidence.

## **MINI-WORKSHOPS** (Atrium)

**SUNDAY, 14:35**

**MONDAY, 16:20**

### **Slingshot Bio**

#### **New era of QC controls for flow cytometry**

Accurate flow cytometry results depend on quality process controls. Controls are also necessary for other aspects of the flow cytometry workflow including instrument standardization, evaluation of new lots of antibodies, staff training, assay validation, and troubleshooting. Yet an ideal control that is stable, biologically similar to the sample, and yields consistent results with equal or better precision, without introducing variability has not existed, until now. Join Slingshot Bio and explore their revolutionary synthetic cell controls, which match the optical, fluorescence and biochemical features of cells. Try and see on your own: SpectraComp compensation controls with autofluorescence matching your cells, ViaComp binding both DNA dyes and fixable live/dead reagents, FlowCytes that match the scatter properties of leukocyte subsets and TruCytes expressing common CD-markers to mimic lymphocyte subpopulations.

**MONDAY, 9:40**

**TUESDAY, 9:40**

### **Sony Biotechnology**

#### **Mastering data analysis on the ID7000 Spectral Analyzer: a hands-on guide**

Join us for an immersive workshop on the ID7000 Spectral Analyzer with

a Sony Biotechnology expert. From start to finish, you'll gain practical knowledge about spectral cytometry including spectral unmixing, unmixing QC and autofluorescence handling.

**MONDAY, 11:30**

**TUESDAY, 10:20**

**New FoxFlow Hexatest 6-color TBNK kit on a new IVD-R compliant 14-color 3-laser flow cytometer**

Get ready for the future with our new clinical 6 color TBNK kit (FoxFlow TBNK Hexatest) and come and try it on our new Longcyte, IVD-R compliant flow cytometer with 3 lasers and 14 colors.

Discover the smallest, but most advanced flow cytometer on clinical market with only 43×39 cm footprint. With integrated universal SDS- format loader for 40×5ml standard flow cytometry tubes, 96-well plates, or 40 Eppendorff tubes and integrated analysis of multiplex cytokine assays.

**MONDAY, 15:00**

**Fluorescence barcoding to reduce intersample variability - Fox-Flow multispectral kit**

Fluorescent Cell Barcoding was designed as a way to enable higher throughput flow cytometry while minimizing reagent consumption and maximizing data robustness. In Fox-Flow multispectral kit selected antibody (CD45 or MHCI) is labeled with advanced copolymer bearing two types of fluorophores in different molar ratios allowing separation of 6 distinct populations. Come and see the first results and try these nanoprobe on your own. In addition, come and try new synthetic cells from Slingshot Biosciences on our new Longcyte, IVD-R compliant flow cytometer with 3 lasers and 14 colors.