



**Wednesday 20 July**  
**1530-1630**

**BD Biosciences: Innovations in Cell Analysers**

Ian Gerrard (BD Biosciences) John Lawry (BD Biosciences)

The BD FACSCelesta™ flow cytometer is designed to make multicolor flow cytometry more accessible and allow researchers to benefit from new innovations in instrument and reagent technology. Parallel advances in optical and reagent technology are pairing multi-laser, multi-detector instruments with bright new dyes, enabling increasingly deep and powerful insights in cell analysis.

Recently launched, the BD FACSymphony™ system is a novel cell analyzer enabling the simultaneous measurement of up to 50 different characteristics of a single cell. Compared to alternative cell analysis systems, the BD FACSymphony instrument offers high-speed analysis with detection rates of up to 40,000 events per second, a 20-fold advantage over other non-flow platforms. This advanced platform features an ultra-quiet electronics system adapted from the defense industry that improves detection sensitivity to enable the identification and analysis of rare cell types and events. In addition, the instrument has configurable options to fully leverage the broad portfolio of BD Horizon Brilliant™ reagents. These capabilities allow researchers to conduct deep phenotyping and gain richer scientific insights. Researchers are also able to take advantage of limited samples by collecting maximal information in a single experiment.