CYTEK®
TRANSCEND THE CONVENTIONAL

Cytek®
Aurora

Say Hello to a New Reality

Meet Aurora:

A prodigy incorporating a unique combination of innovative technologies that takes flow cytometry to the next level of performance and flexibility.

With up to five lasers, three scattering channels, and 64 fluorescence channels, the Aurora system suits every laboratory's needs, from simple to high-complexity applications. A paradigm shifting optical design provides unprecedented flexibility, enabling the use of a wide array of new fluorochrome combinations without reconfiguring your system for each application. The state-of-the-art optics and low-noise electronics provide excellent sensitivity and resolution. Flat-top laser beam profiles, combined with a uniquely designed fluidics system, translate to outstanding performance at high sample flow rates.

The end result is a system that delivers high quality data where rare and dim populations are easily resolved, regardless of assay complexity.

SpectroFlo® software offers an intuitive workflow from quality control to data analysis with technology-enabling tools that simplify running any application.

The Cytek team has reimagined every aspect of cytometry hardware and software to deliver an instrument that fulfills scientists' needs.

So Many Channels

64 fluorescence channels of detection over the full emission spectra.

So Many Colors

40 colors demonstrated including fluorochromes with emission spectra in close proximity to each other.

Exceptional Sensitivity

Sensitivity redefined using state-of-the-art optics and low-noise electronics.

Excellent Flexibility

No need to reconfigure optical filters for different fluorochromes.

Use any commercially available fluorochrome excited by the onboard lasers.

A New Level of Accessibility

A powerful, high value system that is accessible to a wide range of users.

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Aurora's Revolutionary Technologies:
From Vision to Reality

The Aurora system is capable of up to 67 detection channels (64 fluorescence channels, FSC, blue laser SSC, and violet laser SSC) and is empowered by revolutionary technologies, including:

> Proprietary high sensitivity Coarse Wavelength Division Multiplexing (CWDM) semiconductor detector arrays, enabling more efficient spectrum capture for dyes emitting in the 365–829 nm range.

> High bandwidth electronics design scalable up to 67 channels.

> Robust vacuum fluidics system enables ultimate flexibility in sample input formats.

> Exceptional small particle detection is enabled by violet laser scatter, narrow beam height, and proprietary flat top laser design.
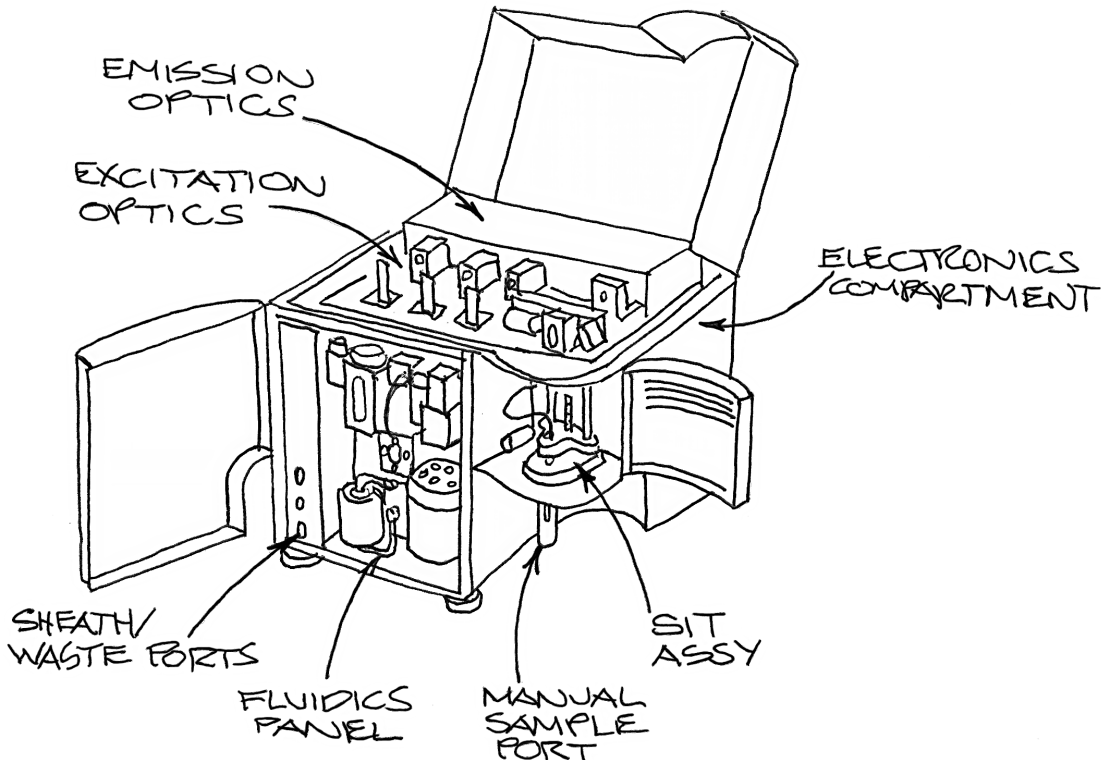
Resolving Challenging Dye Combinations

The detection of some fluorochrome combinations by conventional flow cytometry presents a challenge due to high amounts of spectral overlap (Figure 1, 4). The Aurora system addresses this challenge by using differences in full emission spectra signatures across all lasers to clearly resolve these combinations, even if the populations are co-expressed (Figures 2, 3, 5, and 6).
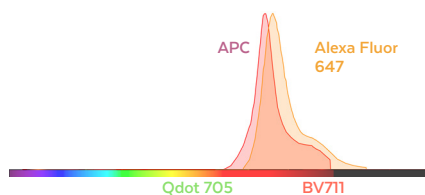
Example 1: APC and Alexa Fluor 647

Figure 1: Spectrum plots from a conventional spectrum viewer shows heavy overlap between APC and Alexa Fluor 647.
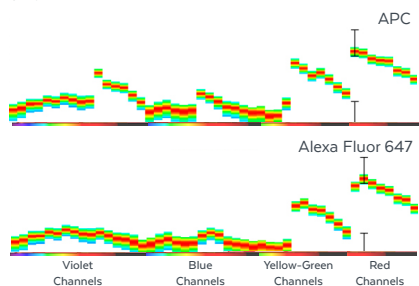

Figure 2: Spectrum plots from a four-laser Aurora system show distinct signatures for APC and Alexa Fluor 647.
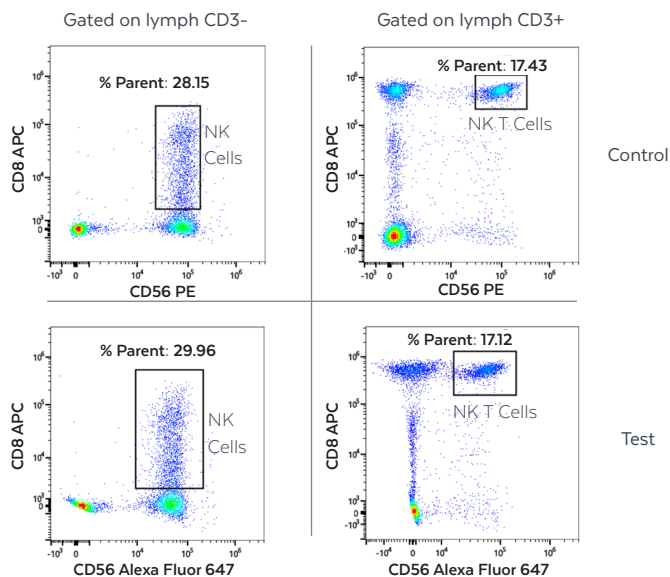

Figure 3: Whole blood from a healthy donor was stained, lysed, washed, and analyzed on a four-laser Aurora system. Subsets of NK and NK T cells that co-express CD56 Alexa Fluor 647 and CD8 APC were easily identified. For comparison, blood from the same donor was stained with CD56 PE and CD8 APC and yielded similar percentages of NK and NK T cells, demonstrating that APC and Alexa Fluor 647 combined did not impact results.
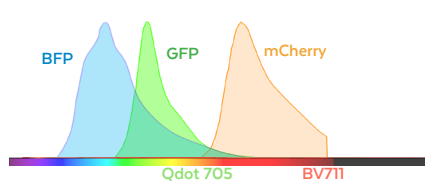
Example 2: BFP, GFP, and mCherry

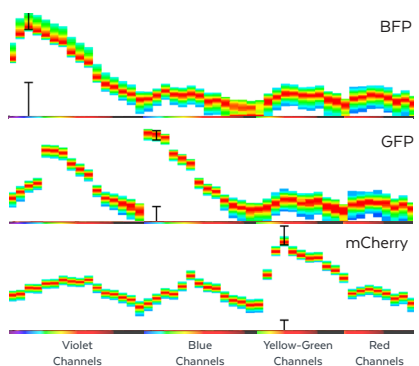**Figure 4**: Spectrum plots from a conventional spectrum viewer.

Figure 5: Spectrum plots from a four-laser Aurorad system show distinct signatures for BFP, GFP and mCherry.
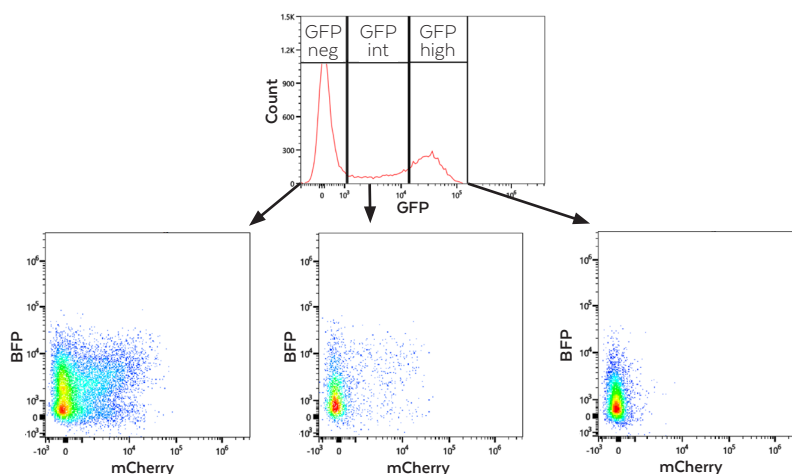

Figure 6: AB2.2 mouse embryonic stem cells were genetically modified to stably express BFP, GFP and mCherry under the control of different fate marker promoters. The stable cell line generated was then cultured under differentiation conditions, harvested, and analyzed on a four-laser Aurora system to assess the expression of fluorescent proteins. Autofluorescence extraction was used to enhance results. Sample courtesy from Luigi Russo, Hannah L. Sladitschek and Pierre Neveu, Cell Biology & Biophysics, Neveu group, EMBL.

# See More Clearly with Autofluorescence Extraction

The Aurora system's implementation of full spectrum cytometry enables the use of autofluorescence extraction to further improve data clarity. Certain sample types, such as yeast and tumor samples, present the challenge of high autofluorescence. For these challenging applications involving highly autofluorescent particles, let the software's autofluorescence extraction tool bring new levels of resolution.

Example 1: PrimeFlow™ RNA Assay

Human U937 cells were subjected to the PrimeFlow™ RNA Assay. The cells underwent a series of hybridization steps to label mRNA for HMBS, a low expressed gene (~10 copies/cell), with Alexa Fluor® 488. The sample was run on the Aurora system and analyzed using SpectroFlo® software with two different strategies, one with autofluorescence extraction and one without.
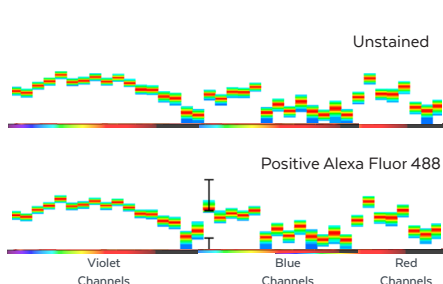
Spectrum plots of unstained and Alexa Fluor 488 stained cells acquired on the Aurora system. Note that the two spectra heavily overlap.
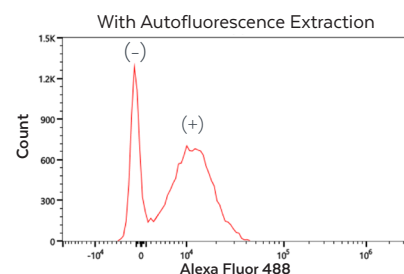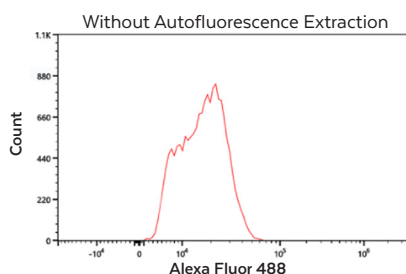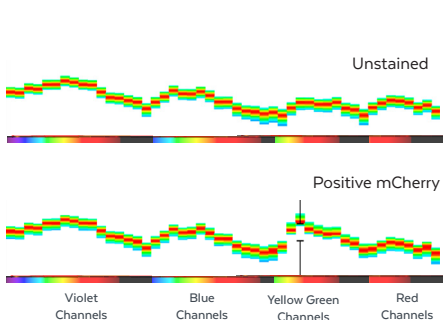
Due to high autofluorescence, separation of negative and positive signals was marginal (left histogram). Autofluorescence extraction greatly improved the resolution of the two cell populations (right histogram).

PrimeFlow™ is a trademark of Thermo Fisher Scientific

Example 2: mCherry Expressing HeLa Cells

HeLa human cells were transformed with a CRISPR-Cas9 target vector carrying an mCherry reporter. Expression of mCherry is driven by the endogenous promoter of the knocked-in gene. The cells were harvested 32 hour post-infection and analyzed on a four-laser Aurora system to assess integration of the fluorescent protein. Autofluorescence extraction was used to enhance the resolution. Sample courtesy of Malte Paulsen, Flow Cytometry and Cell Sorting Facility, EMBL.

Spectrum plots of unstained and positive mCherry cells acquired on the Aurora system. Note that the two spectra heavily overlap.
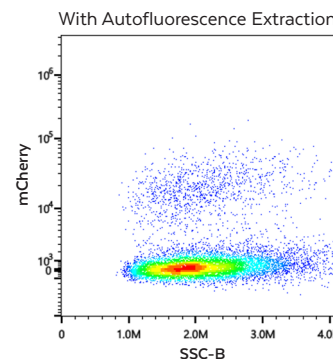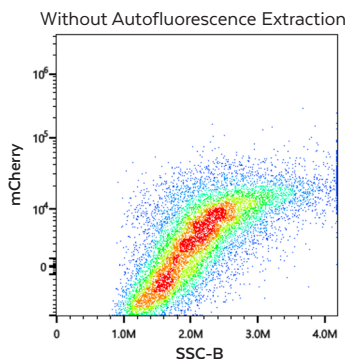
Due to high sample autofluorescence, negative and positive cell populations were nearly indistinguishable (left plot). Autofluorescence extraction greatly improved the resolution of the two cell populations (right plot).

Small Particles in Full View

With its onboard 100 mW 405 nm laser and highly sensitive violet SSC detector, particles nearing 100 nm in size can be analyzed. The Aurora system opens the door to a wide variety of small particle applications, taking what was once hidden and placing it in full view.

Example 1: ApogeeMix

Resolution of ApogeeMix from Apogee Flow Systems (www.apogeeflow.com), a mixture of silica and polystyrene (PS) beads ranging from 110 nm to 1300 nm, when acquired on the Aurora system. The smallest particles can be easily identified above background.
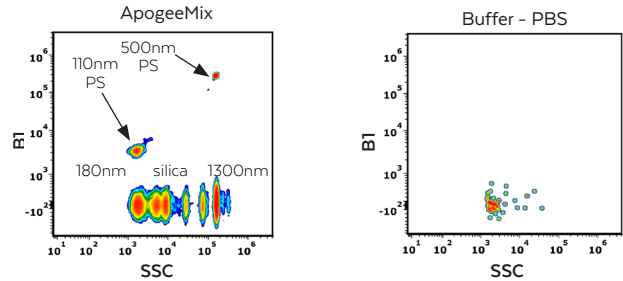
Data analyzed using FCS Express 6 by De Novo™ Software.
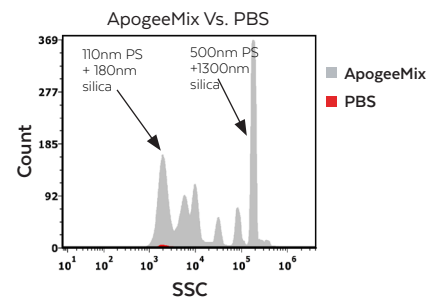
Example 2: ViroFlow

Murine Leukemia Virus (MLV-124 nm ±14 nm) genetically engineered to express superfolder GFP (sfGFP) as a fusion protein with the viral envelope glycoprotein.

The plots on the right show:

   A) Buffer only

   B) MLV with no sfGFP (MV-M-Zero)

   C) MLV with sfGFP-Env (MV-M-sfGFP)

All samples were run on a three-laser Aurora system using violet SSC as a threshold trigger. Virus reference particles were provided by ViroFlow Technologies (www.viroflowtechnologies.com).
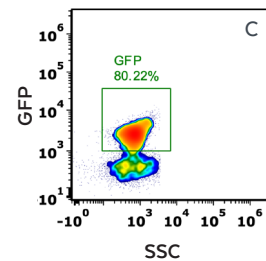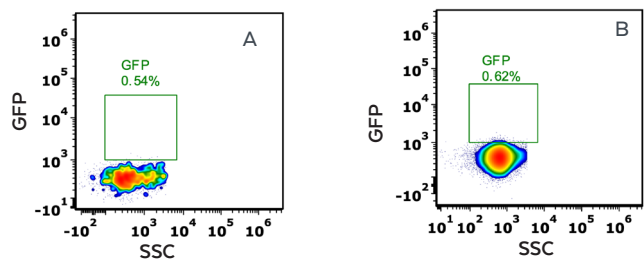
Data analyzed using FCS Express 6 by De Novo™ Software.

More Choice, Greater Flexibility, Easier Setup

The optical design combined with the unmixing capability in SpectroFlo® software allows greater fluorochrome choice, panel flexibility, and easy setup without having to change filters. The three-laser configuration provides outstanding multi-parametric data for a wide array of applications. Markers and fluorochromes in a 24-color panel designed for identification of circulating cell subsets in human peripheral blood are summarized in the table below:

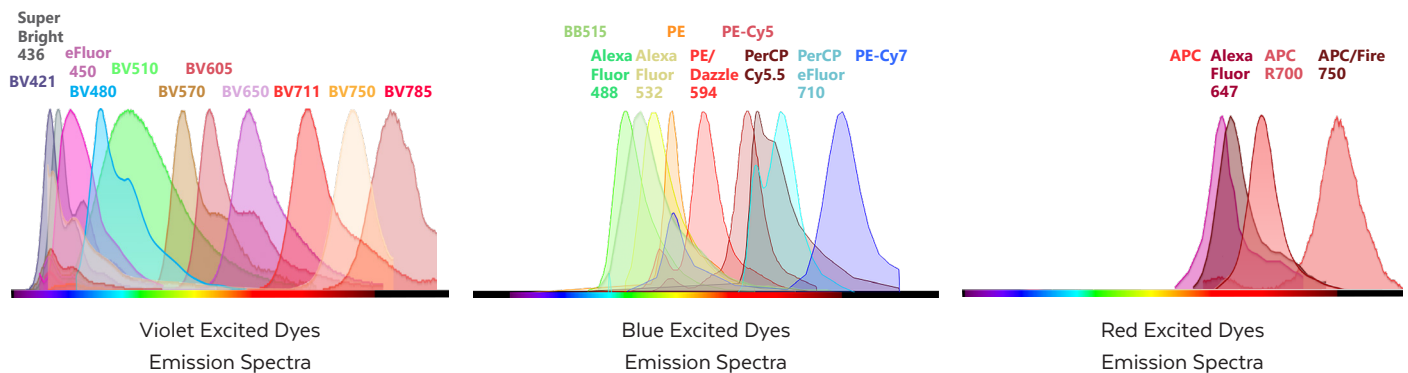| SPECIFICITY	FLUOROCHROME	SPECIFICITY	FLUOROCHROME	SPECIFICITY	FLUOROCHROME
CCR7	Brilliant Violet 421™	CD11c	BD Horizon™ BB515	CD27	APC
CD19	Super Bright 436	CD45RA	Alexa Fluor® 488	CD123	Alexa Fluor® 647
CD16	eFluor® 450	CD3	Alexa Fluor® 532	CD127	BD Horizon™ APC R700
TCR γδ	BD Horizon™ BV480	CD25	PE	HLA DR	APC/Fire™ 750
CD14	Brilliant Violet 510™	IgD	PE/Dazzle™ 594		
CD8	Brilliant Violet 570™	CD95	PE-Cy™5		
CD1c	Brilliant Violet 605™	CD11b	PerCP-Cy™5.5		
PD-1	Brilliant Violet 650™	CD38	PerCP-eFluor® 710		
CD56	Brilliant Violet 711™	CD57	PE-Cy™7		
CD4	Brilliant Violet 750™				
CD28	Brilliant Violet 785™				

24-COLOR DATA

On the next page, this 24-color panel is demonstrated in a healthy donor using a whole blood lyse wash sample preparation.

The 24-Color Panel Includes Many Highly Overlapping Dyes:

Violet Excited Dyes
Emission Spectra

Blue Excited Dyes
Emission Spectra

Red Excited Dyes
Emission Spectra

APC/Fire™ and PE/Dazzle™ are the trademarks and property of BioLegend,Inc.

Brilliant Violet™ is a trademark of Sirigen Group Ltd.

BD Horizon™ and Brilliant Blue (BB) are trademarks of BD Biosciences.

Alexa Fluor®, eFluor®, and Super Bright are trademarks of Thermo Fisher Scientific.

Cy® and CyDye® are registered trademarks of GE Healthcare

Allophycocyanin (APC) conjugates: US Patent No. 5,714,386

PE-Cy7: US Patent Number 4,542,104.

APC-Cy7: US Patent Number 5,714,386.

Trademarks are the property of their respective owners.

A New Reality:

3 Lasers, 24 Colors, Unparalleled Resolution

Granulocytes

CD16 eFluor 450 / CD14 BV510
CD11c BB515 / HLA DR APC/Fire 750
CD4 BV750 / CD11b PerCP-Cy5.5
CD11b PerCP-Cy5.5 / CD16 eFluor 450

Monocytes

CD16 eFluor 450 / CD14 BV510
CD11b PerCP-Cy5.5 / CD16 eFluor 450
CD4 BV750 / CD11b PerCP-Cy5.5
CD11c BB515 / HLA DR APC/Fire 750

Lineage Negative Cells

CD56 BV711 / CD19 SB 436
CD14 BV510 / HLA DR APC/Fire 750
CD123 Alexa Fluor 647 / CD11c BB515
CD11c BB515 / CD16 eFluor 450

B Cells

CD1c BV605 / CD19 SB 436
IgD PE/Dazzle 594 / CD27 APC
IgD PE/Dazzle 594 / CD38 PerCP-eF710

NK Cells

CD56 BV711 / CD16 eFluor 450
CD8 BV570 / CD57 PE-Cy7
CD8 BV570 / CD57 PE-Cy7
CD8 BV570 / CD57 PE-Cy7

NK T Cells

CD8 BV570 / CD56 BV711
CD8 BV570 / CD57 PE-Cy7
CD27 APC / CD127 APC R700
CD27 APC / CD127 APC R700
CD27 APC / CD127 APC R700

Double Negative Cells

CD45RA Alexa Fluor 488 / CCR7 BV421
CD27 APC / CD28 BV785
HLA DR APC/Fire 750 / CD38 PerCP-eF710
CD95 PE-Cy5 / PD-1 BV650

SSC / FSC — Granulocytes, Monocytes, Lymphocytes

TCR γδ BV480 / CD3 Alexa Fluor 532 — CD3-, CD3+

CD8 BV570 / CD4 BV750 — CD8+, Double negatives, CD4+

Human Blood Cells

Granulocytes
CD4 +
CD14 -
CD16 +/-
CD11c +/-
HLA DR +/-
CD11b +/-

Monocytes
CD4 +
CD14 +
CD16 +/-
CD11c +
HLA DR +/-
CD11b +/-

Lymphocytes
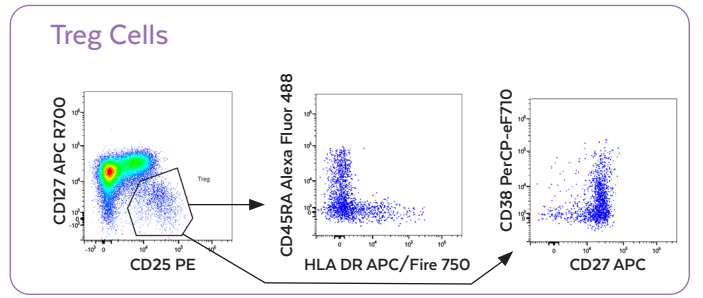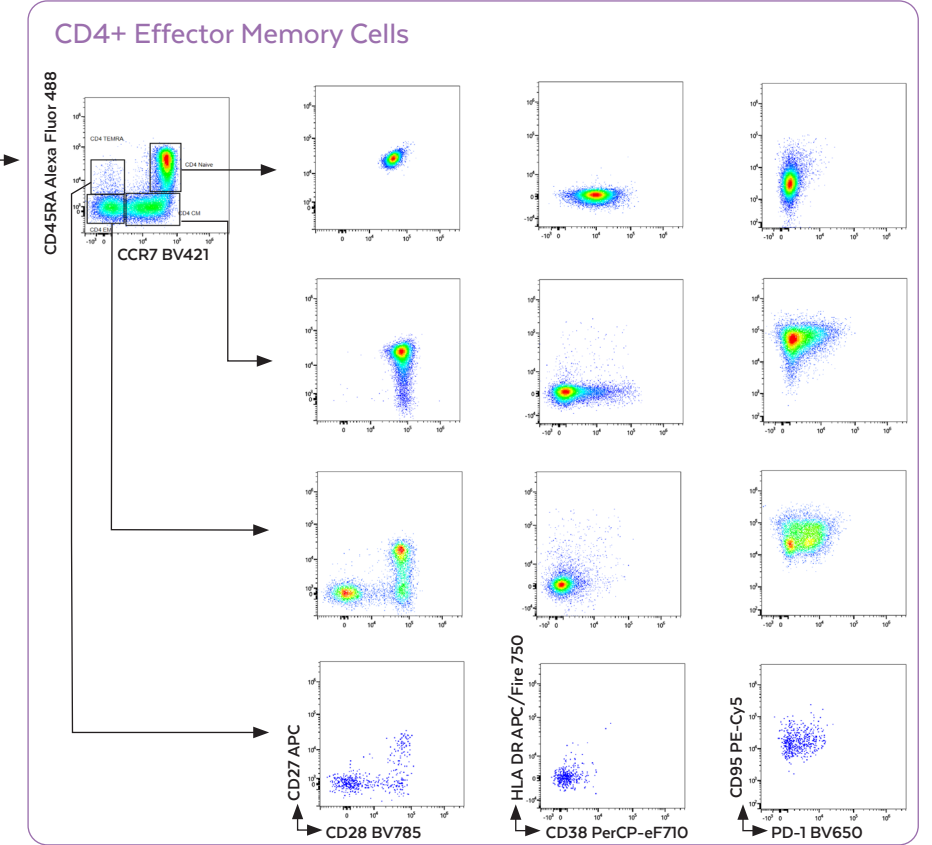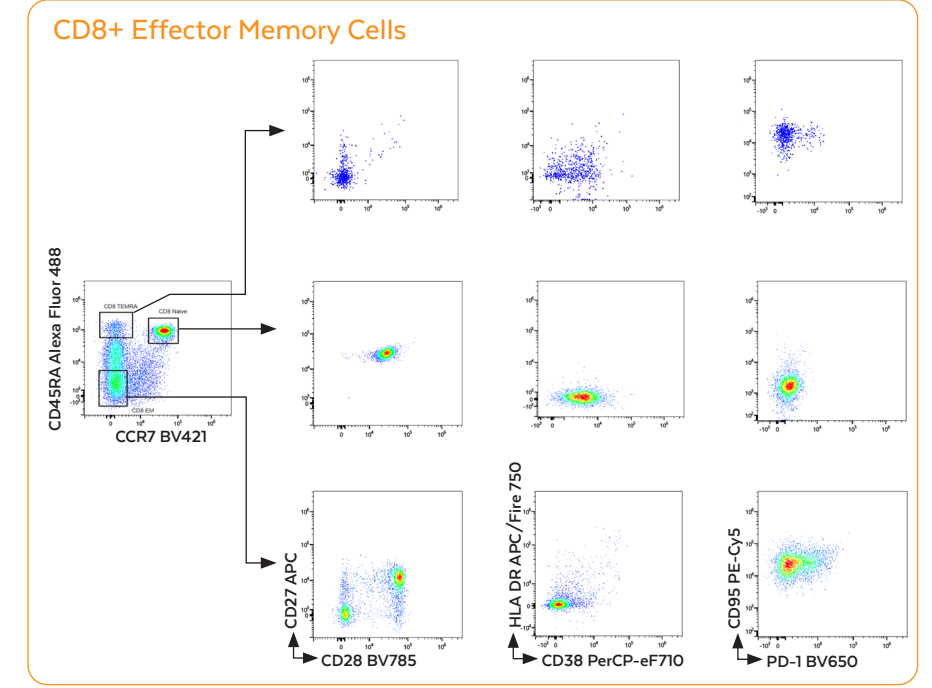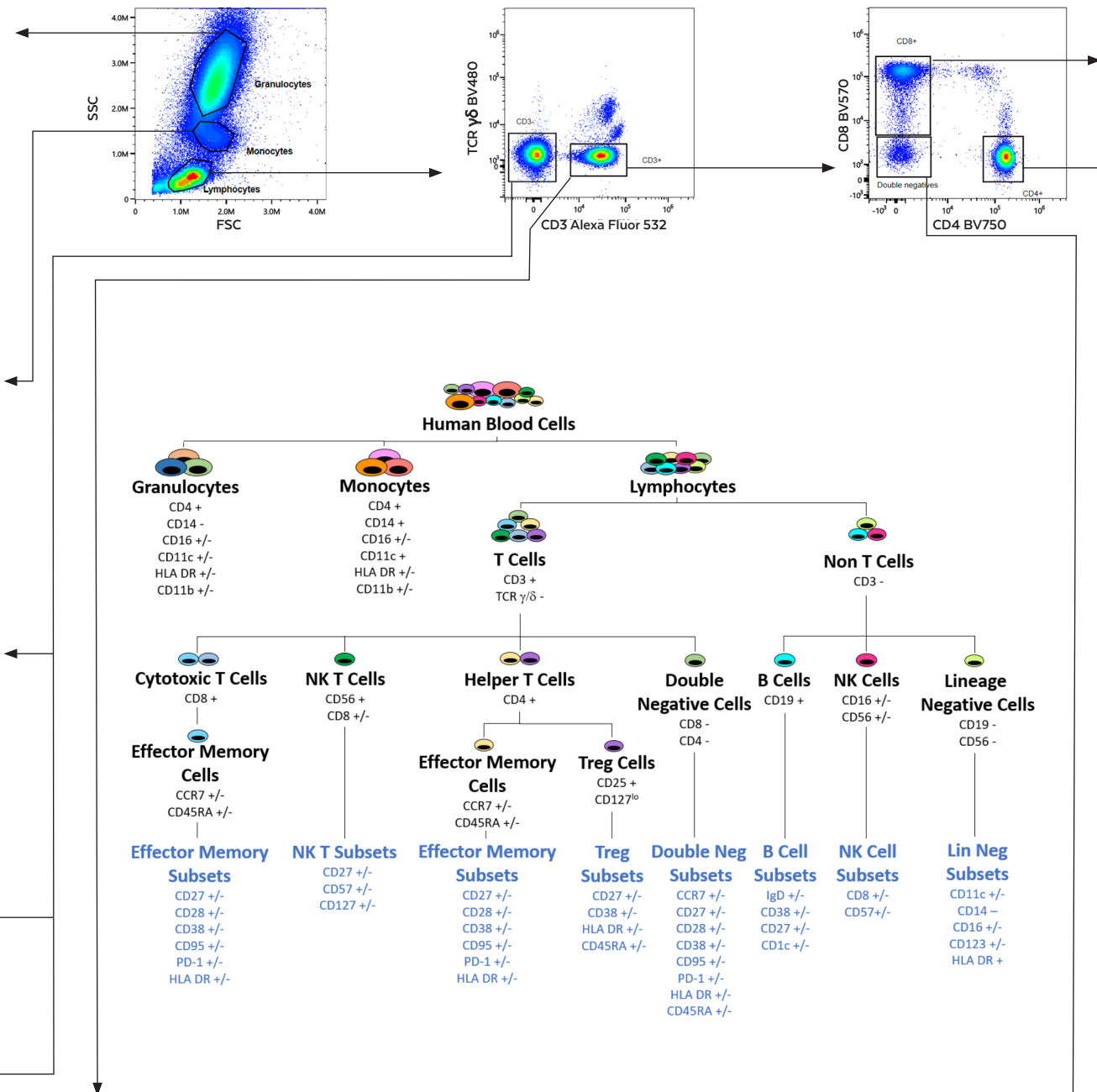
T Cells
CD3 +
TCR γ/δ -

Non T Cells
CD3 -

Cytotoxic T Cells
CD8 +

Effector Memory Cells
CCR7 +/-
CD45RA +/-

Effector Memory Subsets
CD27 +/-
CD28 +/-
CD38 +/-
CD95 +/-
PD-1 +/-
HLA DR +/-

NK T Cells
CD56 +
CD8 +/-

NK T Subsets
CD27 +/-
CD57 +/-
CD127 +/-

Helper T Cells
CD4 +

Effector Memory Cells
CCR7 +/-
CD45RA +/-

Effector Memory Subsets
CD27 +/-
CD28 +/-
CD38 +/-
CD95 +/-
PD-1 +/-
HLA DR +/-

Treg Cells
CD25 +
CD127 lo

Treg Subsets
CD27 +/-
CD38 +/-
HLA DR +/-
CD45RA +/-

Double Negative Cells
CD8 -
CD4 -

Double Neg Subsets
CCR7 +/-
CD27 +/-
CD28 +/-
CD38 +/-
CD95 +/-
PD-1 +/-
HLA DR +/-
CD45RA +/-

B Cells
CD19 +

B Cell Subsets
IgD +/-
CD38 +/-
CD27 +/-
CD1c +/-

NK Cells
CD16 +/-
CD56 +/-

NK Cell Subsets
CD8 +/-
CD57+/-

Lineage Negative Cells
CD19 -
CD56 -

Lin Neg Subsets
CD11c +/-
CD14 –
CD16 +/-
CD123 +/-
HLA DR +

CD8+ Effector Memory Cells

CD45RA Alexa Fluor 488 / CCR7 BV421
CD27 APC / CD28 BV785
HLA DR APC/Fire 750 / CD38 PerCP-eF710
CD95 PE-Cy5 / PD-1 BV650

CD4+ Effector Memory Cells

CD45RA Alexa Fluor 488 / CCR7 BV421
CD27 APC / CD28 BV785
HLA DR APC/Fire 750 / CD38 PerCP-eF710
CD95 PE-Cy5 / PD-1 BV650

Treg Cells

CD27 APC R700 / CD25 PE
CD45RA Alexa Fluor 488 / HLA DR APC/Fire 750
CD38 PerCP-eF710 / CD27 APC

See More with the UV Laser

With the addition of the UV laser and a total of 64 fluorescence detectors, the Aurora system now has the power to take highly-multiplexed assays beyond 30 colors. Incorporation of the UV laser takes the Aurora platform to the next level.
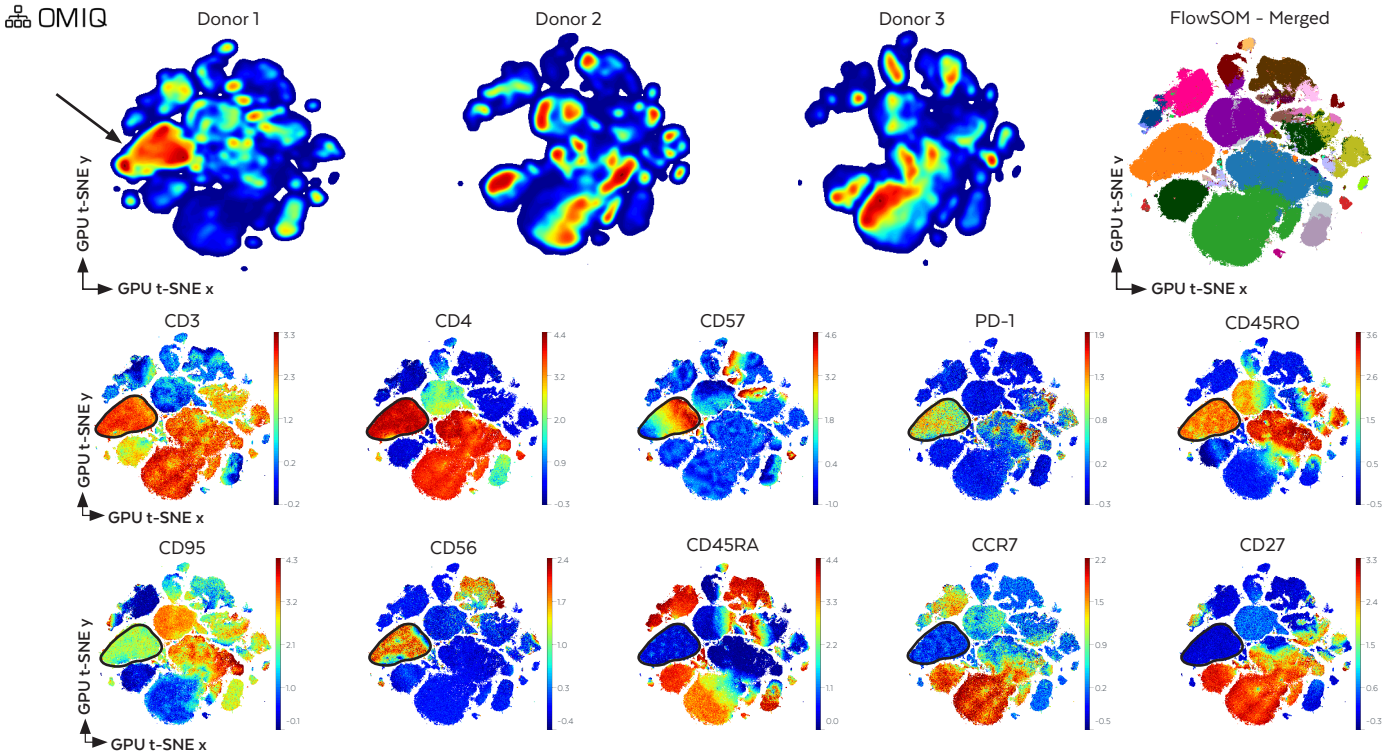
35-Color Panel

Markers and fluorochromes in a 35-color panel are summarized in the table below. Human peripheral blood mononuclear cells were stained, washed, and acquired on a five-laser Aurora system.

| UV		Violet		Blue		Yellow Green		Red	
Specificity	Fluorochrome	Specificity	Fluorochrome	Specificity	Fluorochrome	Specificity	Fluorochrome	Specificity	Fluorochrome
CD45RA	BD Horizon™ BUV395	PD-1	BV421	CD86	BB515	CD335	PE	CD27	APC
CD16	BD Horizon™ BUV496	CD123	Super Bright 436	CD57	FITC	CD4	cFluor™ YG584	CD33	Alexa Fluor 647
CD14	BD Horizon™ BUV563	CD161	eFluor 450	CD19	Spark Blue™ 550	CD24	PE/Dazzle 594	CD127	APC-R700
CD11c	BD Horizon™ BUV661	IgD	BV480	CD45	PerCP	CD95	PE-Cy5	CD38	APC-eFluor 780
CD56	BD Horizon™ BUV737	CD3	BV510	CD11b	PerCP-Cy5.5	CD25	PE-Cy7		
CD45RO	BD Horizon™ BUV805	CD20	Pacific Orange	TCR γδ	PerCP-eFluor 710				
Dead Cells	LIVE/DEAD™ Blue	HLA DR	BV570						
		CD28	BV605						
		CXCR3	BV650						
		CCR6	BV711						
		CXCR5	BV750						
		CCR7	BV785						
		CD8	Qdot 800						

LIVE/DEAD™ is a trademark Thermo Fisher Scientific.
cFluor™ is a trademark of Cytek Biosciences.
Spark Blue™ is a trademark of BioLegend

t-SNE and FlowSOM Analysis

t-SNE analysis of 35 colors immunophenotyping panel using OMIQ software (www.omiq.ai). FCS files including only CD45+, singlets, and live cells were analyzed in OMIQ software. Scaling was optimized and t-SNE analysis was done using GPU t-SNE algorithm for all donors (top row). One cell subset was present only in donor one (see arrow in top row). Colored-continuous scatterplots for donor one showing marker expression in this unique subset are shown in the second and third rows. Clustering analysis by FlowSOM visualized by GPU-tSNE, shows metacluster two expressing CD3+/CD4+/CD57±/PD-1±/CD45RO+/CD95±/CD56±/CD45RA-/CCR7-/CD27-

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2D Dot Plots
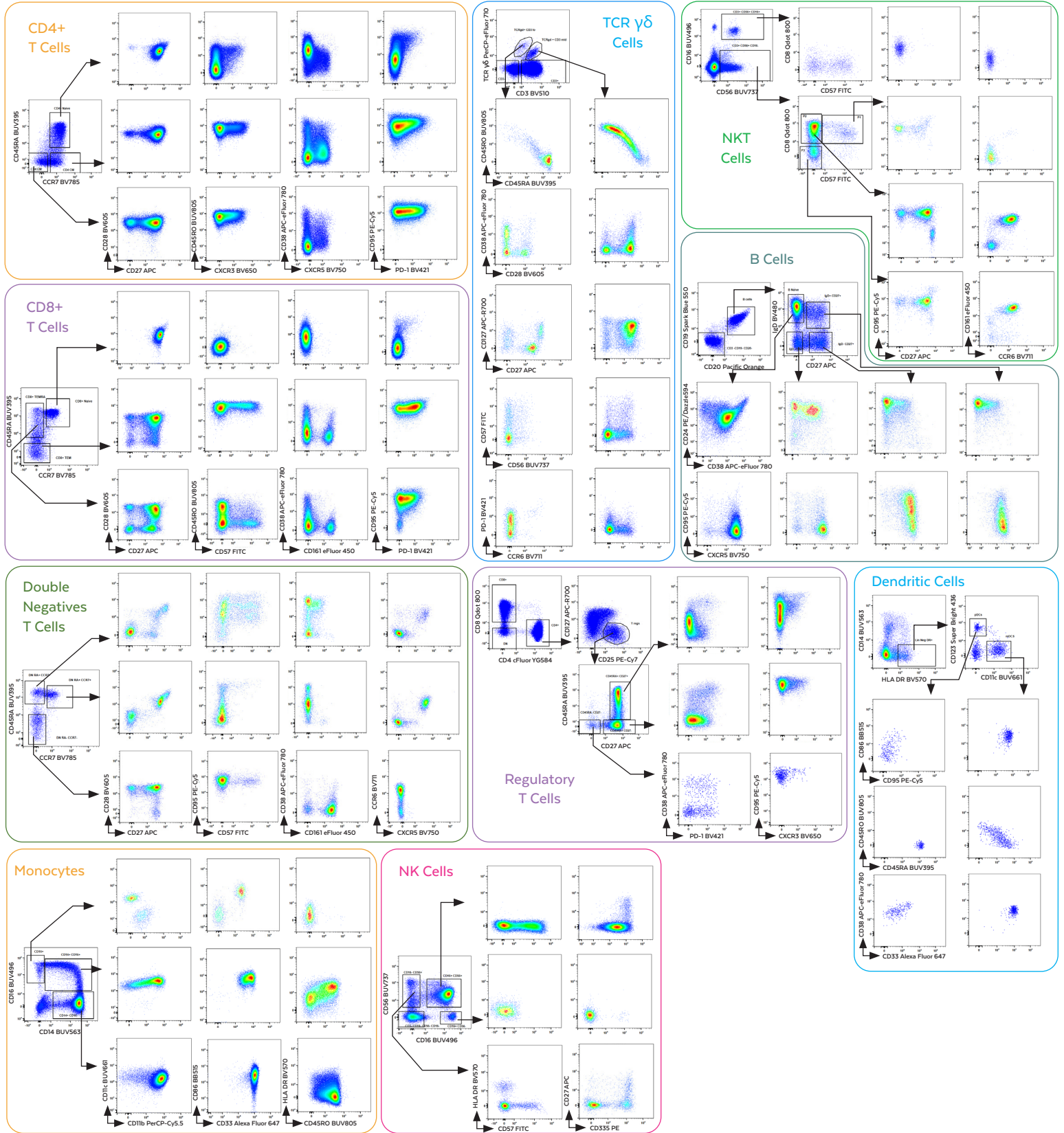
# SpectroFlo® Software Guided Workflows

The SpectroFlo software offers an intuitive workflow from quality control (QC) to data analysis with technology-enabling tools that simplify running any application.

QC and Setup:
Run Daily QC to monitor instrument performance and add reference controls.

Library:
Add or remove experiment templates, worksheet templates, fluorochrome information, QC bead information, and more.

Get started

QC & Setup   Acquisition   Extra Tools

Library   Preferences   Users

SIGN OUT
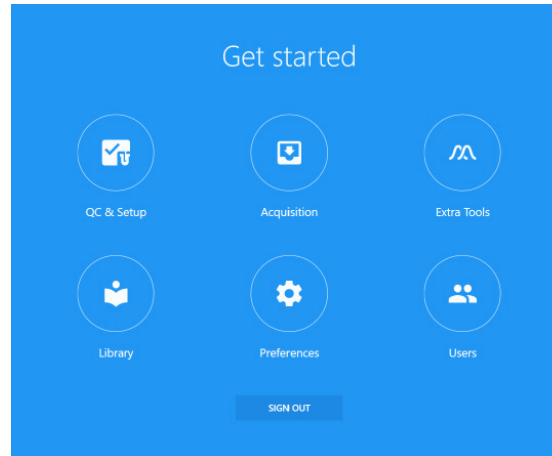
Extra Tools:
Unmix data using controls from different experiments or apply virtual filters to your data.
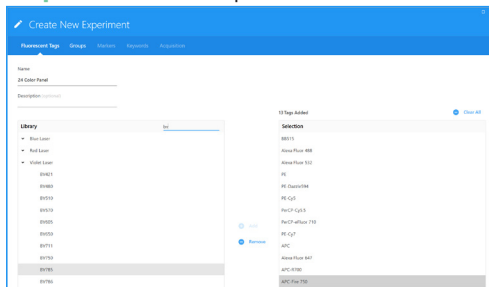
Users:
For administrative controls.

Preferences:
Customize the software appearance. Set default plot sizes, text sizes and fonts, gate colors, print layout, statistics table options, and more.
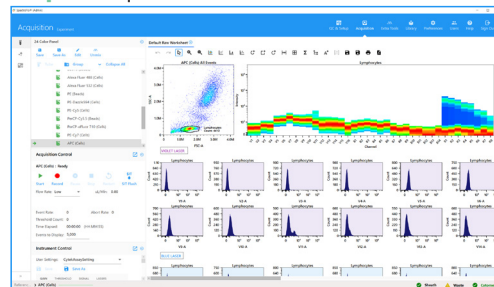
Experiment Workflow:

From the Acquisition menu, you can start a new experiment and get to your data in four simple guided steps.

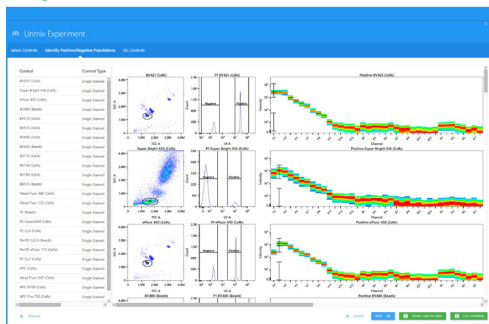**Step 1:** Create Your Experiment

Create your experiment, choose fluorochromes, and add labels, tubes, worksheets, and stopping criteria in this guided workflow.
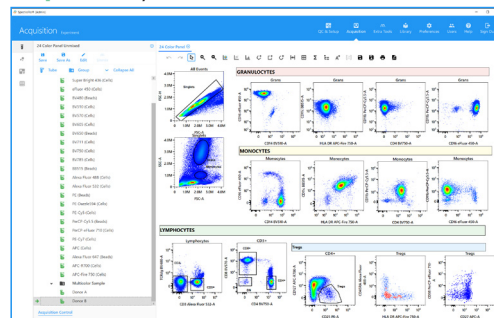
Step 2: Acquire Your Tubes

Load and run your tubes.

Step 3: Unmix Your Data

Visualize your reference control spectra with the unmixing wizard.

Step 4: Analyze Your Unmixed Data

Create an analysis worksheet and save it as a template to reuse and share with others.

Get to Know Our New Automated Sample Loader (ASL)

NEW

Meet the ASL

The ASL offers more versatility when running your samples at high-throughput. In addition to acquisition from 96-well plates, the ASL is compatible with 96-deep well plates and 40-tube racks. For each carrier type, Cytek has provided preset mixing speeds and frequencies, which are also fully customizable to meet your individual experimental requirements. The ASL is designed to streamline experimental workflows and integrates seamlessly into the Aurora system.

⊘ Reliable and flexible

**Reliable** acquisition from 96-well plates, 96-deep well plates, and 40-tube racks to improve lab productivity.

Flexible and effortless transition from plates to tubes in a matter of seconds.

⊘ Low carryover, high throughput

Three throughput modes optimized for 40-tube racks and for each plate type.

⊘ User customizable modes

Fully customizable with different mix speeds and timing to fit a variety of applications and workflow.
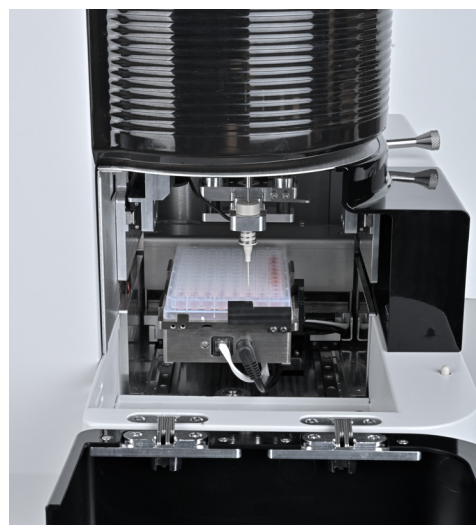
We Are Here to Support You

Cytek Biosciences is dedicated to enhancing our customers' user experience. The Aurora system is backed by our world-class service and support team that can provide phone or field-based assistance. Various levels of maintenance options are available to meet your needs now, and in the future.

Technical Support

We have a worldwide team of field service engineers and technical application specialists at your service. To maintain your instrument and keep it running well, you can choose the right service contract for your needs. Our technical application specialists are here to support you with application-related questions such as troubleshooting experiments, understanding or troubleshooting software behaviors, and more.

For help choosing the right service contract, contact your sales representative at sales@cytekbio.com.

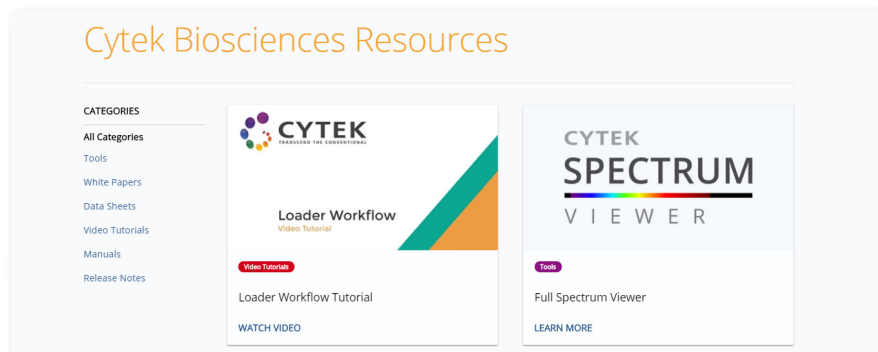For service and application support, contact us at support@cytekbio.com.

Training

We offer two days of in-depth, interactive, hands-on training with each new instrument installation. If you later have a need for additional training, we offer a shorter one day refresher option. To learn more, speak to your Cytek sales representative or email us at sales@cytekbio.com.

Online Resources

As Cytek grows so will the tools on our website to enhance your experience with your full spectrum cytometer. For example, you can interact with other Aurora and Northern Lights system users and our technical application support staff in the Aurora User Community (contact your sales representative to learn how to activate your account). Need to learn more about dyes used on the Aurora system? Click on the reagents tab to find panel design examples and other optimization tools.

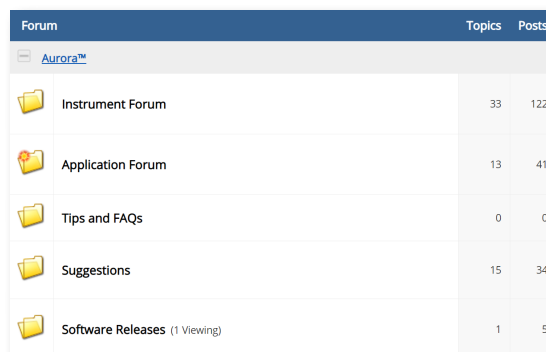Visit www.cytekbio.com regularly as we introduce more exciting tools throughout the year.

Cytek Biosciences Resources

CATEGORIES
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Tools
White Papers
Data Sheets
Video Tutorials
Manuals
Release Notes

CYTEK
Loader Workflow
Video Tutorial

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Loader Workflow Tutorial
WATCH VIDEO

CYTEK SPECTRUM VIEWER

Tools
Full Spectrum Viewer
LEARN MORE

Forum	Topics	Posts
Aurora™		
Instrument Forum	33	122
Application Forum	13	41
Tips and FAQs	0	0
Suggestions	15	34
Software Releases (1 Viewing)	1	5

Specifications

Optics

EXCITATION OPTICS

OPTICAL PLATFORM

Aurora contains a fixed optical assembly with the capacity to be configured with up to five spatially separated laser beams. Laser delays are automatically adjusted during instrument QC.

LASERS

Base model three-laser configuration: 405 nm: 100 mW, 488 nm: 50 mW, 640 nm: 80 mW
Available laser upgrades: 355 nm: 20 mW, 561 nm: 50 mW

BEAM GEOMETRY

Flat-Top laser beam profile with narrow vertical beam height optimized for small particle detection.

EMISSION OPTICS

EMISSION COLLECTION

Fused silica cuvette coupled to high NA lens for optimum collection efficiency to optical fibers.

FORWARD AND SIDE SCATTER DETECTION

FSC: high-performance semiconductor detector with 488nm bandpass filter
SSC: two high-performance semiconductor detectors with 405nm and 488nm bandpass filters

FLUORESCENCE DETECTORS

Proprietary high sensitivity Coarse Wavelength Division Multiplexing (CWDM) semiconductor array per laser enabling more efficient spectrum capture in the 365-829 nm range. No filter changes required for any fluorochrome excited by the 355 nm, 405 nm, 488 nm, 561 nm, 640 nm lasers.

STANDARD OPTICAL CONFIGURATION

Violet detector module: 16 channels unevenly spaced bandwidth from 420-829 nm.
Blue detector module: 14 channels unevenly spaced bandwidth from 498-829 nm.
Red detector module: 8 channels unevenly spaced bandwidth from 652-829 nm.

4 and 5 Laser Options:
Yellow-Green detector module: 10 channels unevenly spaced bandwidth from 567-829 nm.
Ultraviolet detector module: 16 channels unevenly spaced bandwidth from 365-829 nm.

Fluidics

SAMPLE FLOW RATES

Low: 15 μL/min, Medium: 30 μL/min, High: 60 μL/min, Plate high-throughput mode: 100 μL/min

FLUIDIC MODES

Long clean, SIT flush, Purge filter, Clean flow cell

MANUAL SAMPLE INPUT FORMATS

12x75 mm polystyrene and polypropylene tubes

STANDARD FLUIDIC RESERVOIRS

4L fluid container set with level-sensing provided. Compatible with 20 L sheath and waste cubitainers.

VOLUMETRIC SENSOR

Volumetric measurement during sample recording enables calculation of counts per μL for any gated population.

PLATE LOADER OPTIONS: ASL AND AMS

Plate stage temperature: 4-30°C (AMS only)

HIGH THROUGHPUT SPEED

ASL Loader: 27 min for 96-well plate
AMS Loader: 35 min for 96-well plate

INPUT COMPATIBILITY

ASL Loader: 96-well plate, 96-deep well plate, 40-tube racks (12 x 75 mm)
AMS Loader: 96-well plate only

PLATE LOADER CARRYOVER

Default mode: ≤0.3%, Low Carryover mode: ≤0.1%, High Throughput mode: ≤1%

Performance

FLUORESCENCE LINEARITY

FITC R^2 ≥0.995 / PE R^2 ≥0.995

FORWARD AND SIDE SCATTER RESOLUTION

Performance is optimized for resolving lymphocytes, monocytes, and granulocytes.

SIDE SCATTER RESOLUTION

Capable of resolving 0.2 μm beads from noise.

CARRYOVER

≤0.1%

DATA ACQUISITION RATE

35,000 events/s*
*Three laser system

Software

SPECTROFLO® SOFTWARE

Live unmixing during acquisition

Developed specifically to streamline assay setup, data acquisition, and file export

Automated QC module

Autofluorescence extraction

Raw and Unmixed FCS 3.1 files

Electronics

SIGNAL PROCESSING

Digital signal processing with automatic window gate adjustment.

22-bit 6.5 log decades.

Threshold using any single parameter or combination of parameters.

PULSE SHAPE PARAMETERS

Pulse Area and Height for every parameter. Width for scatter parameters and one fluorescence parameter for each laser.

Workstation

Workstation specifications may vary between laser configuration

COMPUTER SPECIFICATIONS

Operating system: Windows® 10 Pro 64-bit
Processor: Intel® Core™ i7 processor
RAM: 64 GB
Hard drive: 500GB SSD and 1 TB SATA
Video processor: NVIDIA® GeForce

MONITOR

32" UHD 4K Monitor

Installation Requirements

Dimensions (W x D X H)

INSTRUMENT DIMENSIONS

Without loader: 54 x 52 x 52 cm
With loader: 58 x 62 x 52 cm

INSTRUMENT WEIGHT

Instrument weight (5 lasers): 71 kg
Loader weight (AMS): 13 kg
Loader weight (ASL): 15 kg

RECOMMENDED WORKSPACE

165 x 76 x 132 cm

Room Requirements

POWER

100-140 VAC, 15A or 200-250 VAC, 10A

HEAT DISSIPATION

500 W with all solid-state lasers

TEMPERATURE

15-28°C

HUMIDITY

20%-85% relative non-condensing

AIR FILTERING

No excessive dust or smoke

LIGHTING

No special requirements

Regulatory Status

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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