



# 2018 Trends In Panel Design

Save Time. Eliminate Errors.

Based on FluoroFinder User Data & Feedback

## Most Popular

### Fluorochromes

1. PE
2. APC
3. FITC
4. PE-Cy7
5. Brilliant Violet 421
6. PerCP-Cy5.5
7. Brilliant Violet 605
8. APC-Cy7
9. Alexa Fluor 488
10. Alexa Fluor 700

### Markers

1. CD3
2. CD4
3. CD45
4. CD8
5. CD11b

### Marker/Fluor Combinations

1. CD3/FITC
2. CD4/FITC
3. CD3/PerCP-Cy5.5
4. CD45/FITC
5. CD3/Alexa Fluor 700

### Viability Dyes

1. Live/Dead Fix Near IR
2. Live/Dead Fix Aqua
3. Live/Dead Fix Blue
4. eFluor 780
5. Zombie Aqua



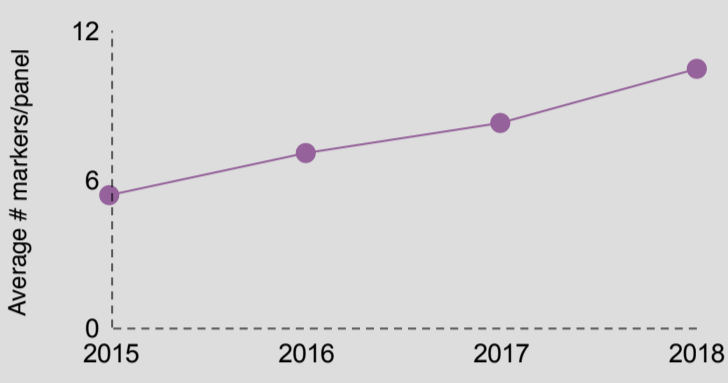
### Cytometers

1. LSR Fortessa™
2. LSR II
3. FACSARIA™ II
4. FACSCanto™ II
5. CytoFLEX™

For a more complete listing, or other data driven reports please contact: Support@FluoroFinder.com

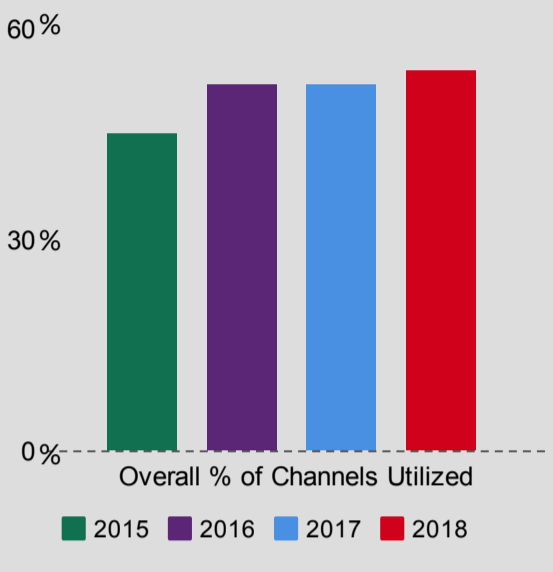
## Panel Design Focus

### Panel Size Growth



FluoroFinder makes it easy to track more markers without increasing your design complexity.

### Cytometer Utilization



Cytometer utilization continues to increase but an average of 44% of the available channels were still not being used in 2018

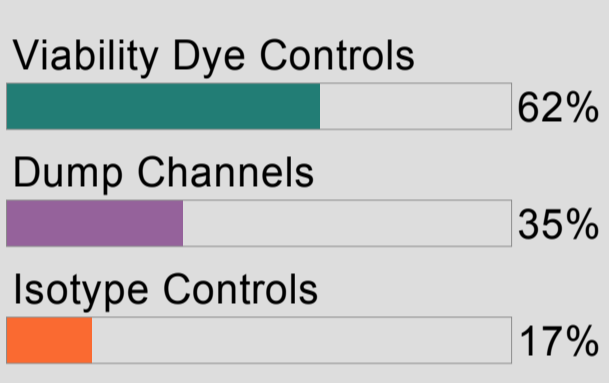
### Alternative Products Available

97.4% of panels were presented with alternative products that were optimal on that cytometer.



Of those presented, 69% cost less than the original reagent choice.

### Panels with Controls



Only about 2/3 of all experiments included all proper controls. Be sure you include yours!

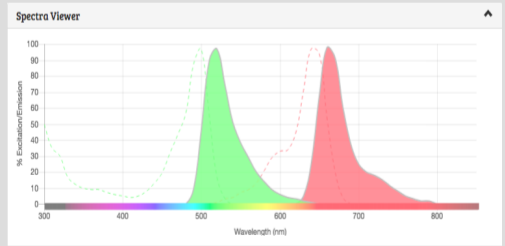
## Experiment Design Tips



### Use a Search Tool

Discover data on antibodies before you start the design process.

With access to validation data and peer reviews for each antibody



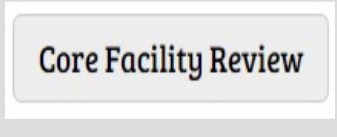
Conveniently visualize and compare your antibodies of interest on a Spectra Viewer.



### Core Manager Review

Sending panels for review is quick and easy!

This simple step catches potential issues and saves valuable testing time.



Look for the "Core Facility Review" button on your next panel summary!



### Use More Colors/Controls

Be sure to include controls, viability dyes, dump channels into your panels.



Also, consider adding additional colors to your panel.

With FluoroFinder, you can easily use more colors without adding complexity to your design.



## Want More Stats?

If you are interested in additional statistics and trends, we can help...

For details contact: Support@fluorofinder.com

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