

Fluorochromes combination to avoid: advices

- FITC overlap a lot with Pe, don't use them together on same cells.
- PerCP-Cy5.5 overlap surprisingly a lot with BV711, don't use together.
- PerCP overlap a bit with APC and PeCy7.
- Pe-CF594 spill over a lot from and to Pe, don't use together.
- PeCy5 spill over a lot to APC (bad), Pe and PeCy7. Avoid these combinations if possible.
- AMCyan spill over FITC highly, avoid if possible!!
- V500 is not strong, but don't overlap with others, so very good for highly express antigens.
- BV650 should not be use with red laser combination, because it's a tandem dye that react in red (high compensations).
- Alexa Fluor 700 spill over a lot to PeCy5.5, avoid to use together
- **Pe and BV 421 very good to detect low expressed antigens.**
- **APC is very good to detect low-expressed antigens and overlap with nothing.**

If you need to use two fluorochromes that are not well going together, please put them on markers expressed by different cell populations!

Avoid using tandem dyes (PeCy7, PeCy5.5,...) if you fixe your cells. This can detach one of the 2 dyes!