CELL SORTING DATA ACQUISITION

FACSDiva
- **gating**
- **% populations**
- **number of cells sorted**
- **compensation**

Lymphocytes-3/16+56/45/4/19/8

Population	#Events	%Parent	%Total
■ All Events	10,000		100.0
■ P1	3,495	34.9	34.9
■ P2	844	8.4	8.4
■ Rest of All Events	5,746	57.5	57.5

Tube: 3/16+56/45/4/19/8

WHAT TYPE OF FILES SHOULD I ASK FOR?

Raw FCS files

particle fluorescence and light scatter
NO GATING DATA
NO SORT DATA

good for fluorescence analysis

FACSDiva experiment

contains raw FCS files
PLUS:
gating data
sort data

the most full record of your experiment BUT can be opened in FACSDiva only

PDF

gating info
some stats
NO FLUORESCENCE DATA

good for record keeping

GRAPHS STRAIGHT FROM THE SORTER ARE NOT PUBLICATION QUALITY

FlowJo
Data analysis station or lab computer

- analyzes cell fluorescence data

FACSDiva
Data analysis station

- analyzes cell fluorescence data
- can produce plots for publication that include sort info (gating etc)