

DAY 0

- **Isolation of lymph nodes-(LN), spleen and bone marrow (BM) from untreated and vaccinated mice**
- **Staining of spleen, LN and BM cells**
 - Dead cell staining
 - Cell membrane staining with fluorochrome-conjugated mAbs
 - Cell membrane staining with fluorochrome-conjugated MHC-peptide multimers
- **Fixation/Permeabilization**



DAY 1

- **Intracellular staining**
 - Ki67 staining
 - DNA staining with Hoechst 33342
- **Preparation of compensation bead samples**
- **Instrument and compensation setup, and sample acquisition at the flow cytometer**
- **Data analysis**