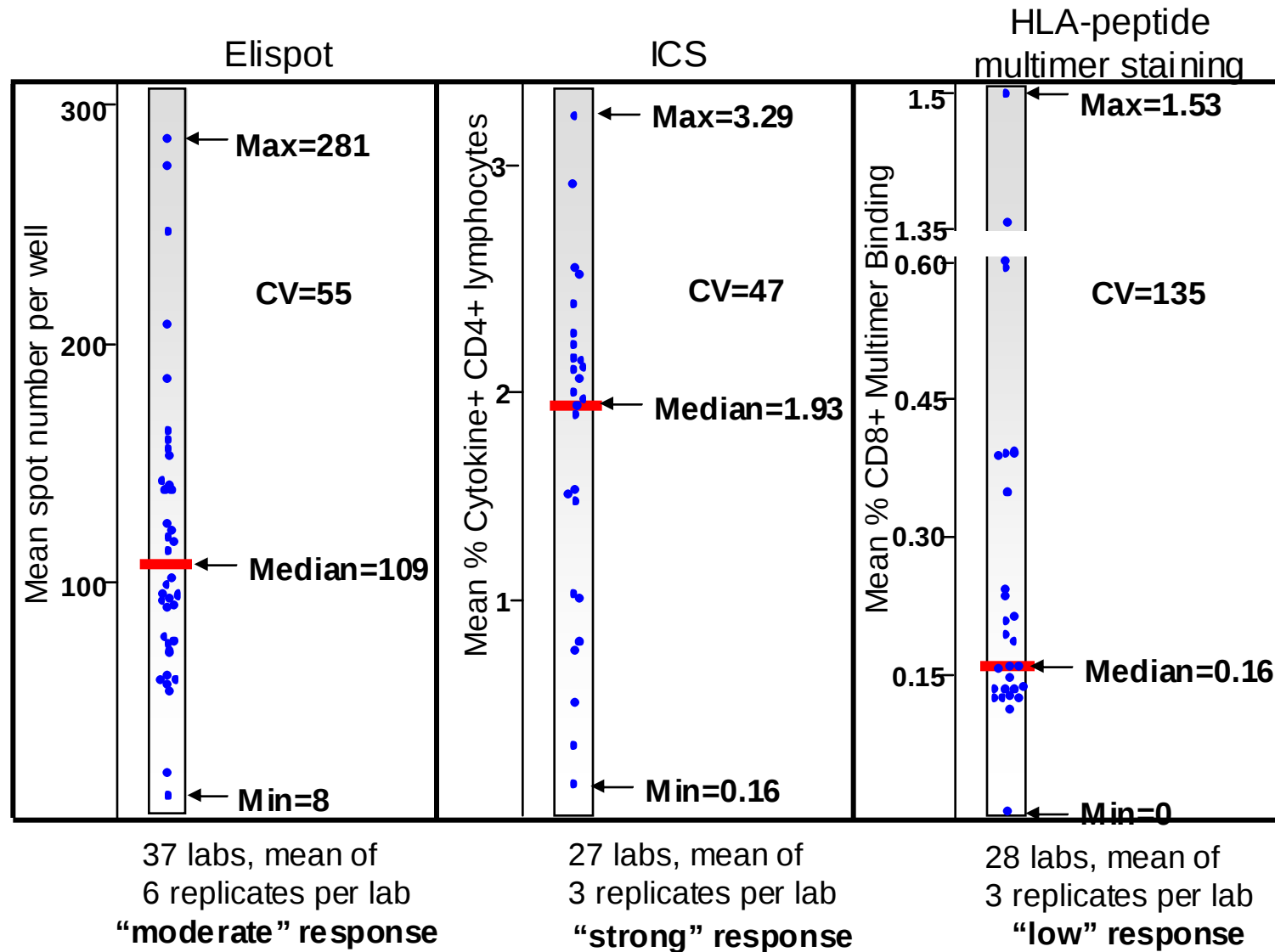


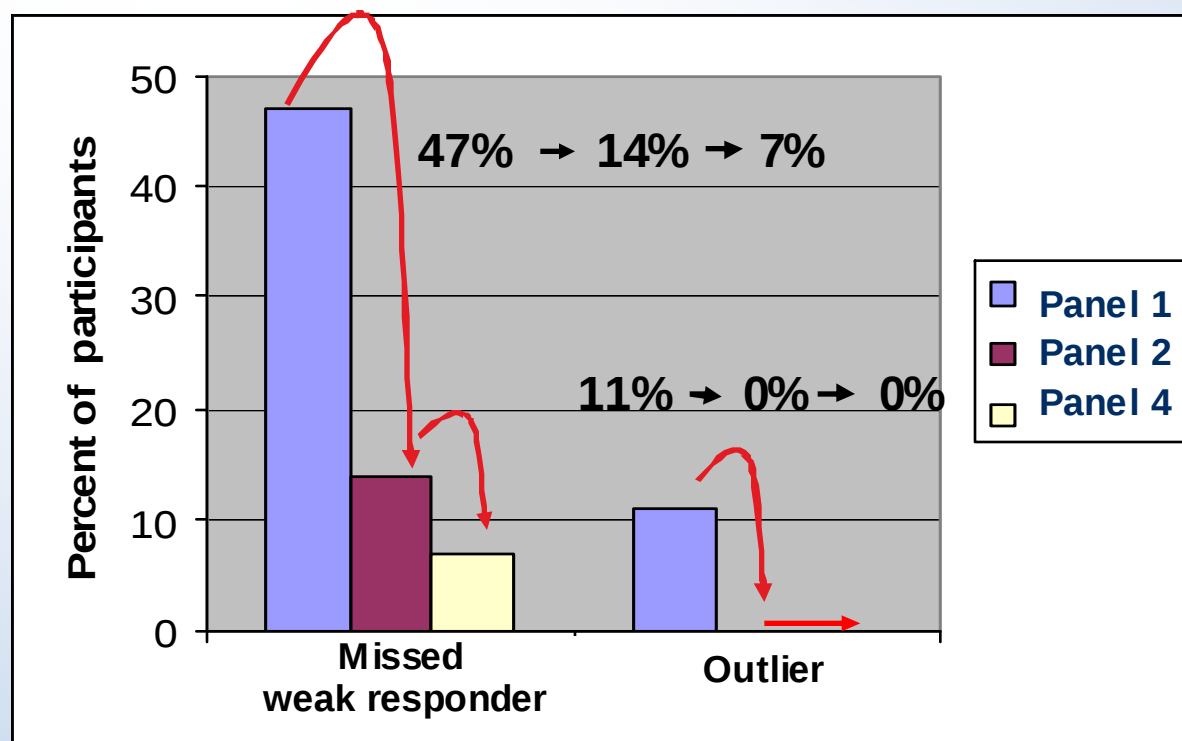
Challenges of Immune Monitoring: 2. Variability



Results from CVC proficiency panels;
Janetzki et al. Immunity Oct 16;31(4):527-8

Influence of harmonization on variability

Example: CVC Elispot panel 2005 – 2009;
(>80 panelists from academia, biotech/pharma, government)



Harmonization guidelines published in Cancer Immunology
Immunotherapy for Elispot and HLA-peptide multimer staining:

(Janetzki et al. CII 2008, 57, 303-15; Britten et al. CII 2009, 58, 1701-13)