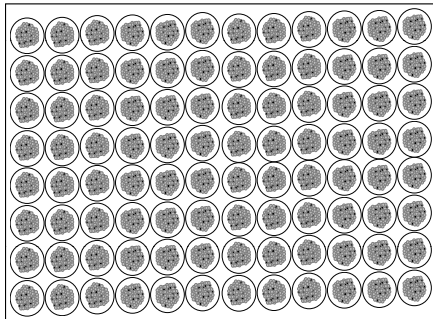


DAY 0

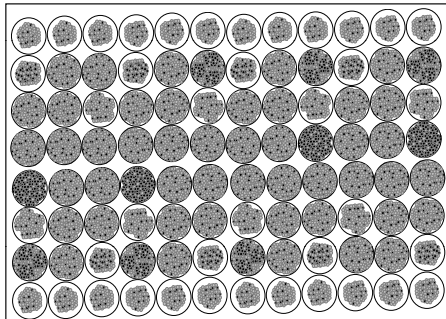
**PLATING OF PATIENT PBMC
IN 96 MICROWELL FORMAT**



**In vitro
sensitization
with peptide/IL-2
for 10 days**

DAY 10

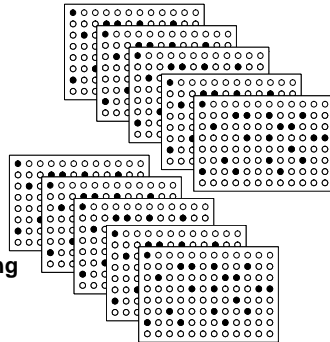
**HIGH THROUGHPUT FUNCTIONAL
SCREENING OF MICROWELLS
BY INTERFERON- γ PCR ASSAY**



**Selection of
highest reactive
microwell for limiting
dilution cloning**

DAY 24

**SCREENING OF CLONES
FOR FUNCTION AND
PHENOTYPE**



**Expansion of
selected clones for
adoptive transfer**