

## Understanding the role of BM derived cells in anti-viral immune response to Virus X

### Mice numbers:

Total : 144 "strain A"  
144 "strain B"  
48 "strain C"

- 1) 72 strain A : BM cells + virus X n=36 (6 mice X 6 time points) X 2 repeats
- 2) 72 strain A : saline + virus X n=36 (6 mice X 6 timepoints) X 2 repeats
- 3) 72 strain B : BM cells + virus X n=36 (6 mice X 6 timepoints) X 2 repeats
- 4) 72 strain B : saline + virus X n=36 (6 mice X 6 timepoints) X 2 repeats

### Donor mice:

Strain C for BM collection : 1 donor per 3 recipients =48 mice

- Bone marrow cells from Strain C given as injection  $6 \times 10^7$  i.p. (100ul)
- Saline : 100ul i.p.
- "virus X"  $1 \times 10^6$  PFU (0.05ul) intra nasal under isoflurane

