Intravesical *Mycobacterium brumae* triggers both local and systemic immunotherapeutic responses against bladder cancer in mice

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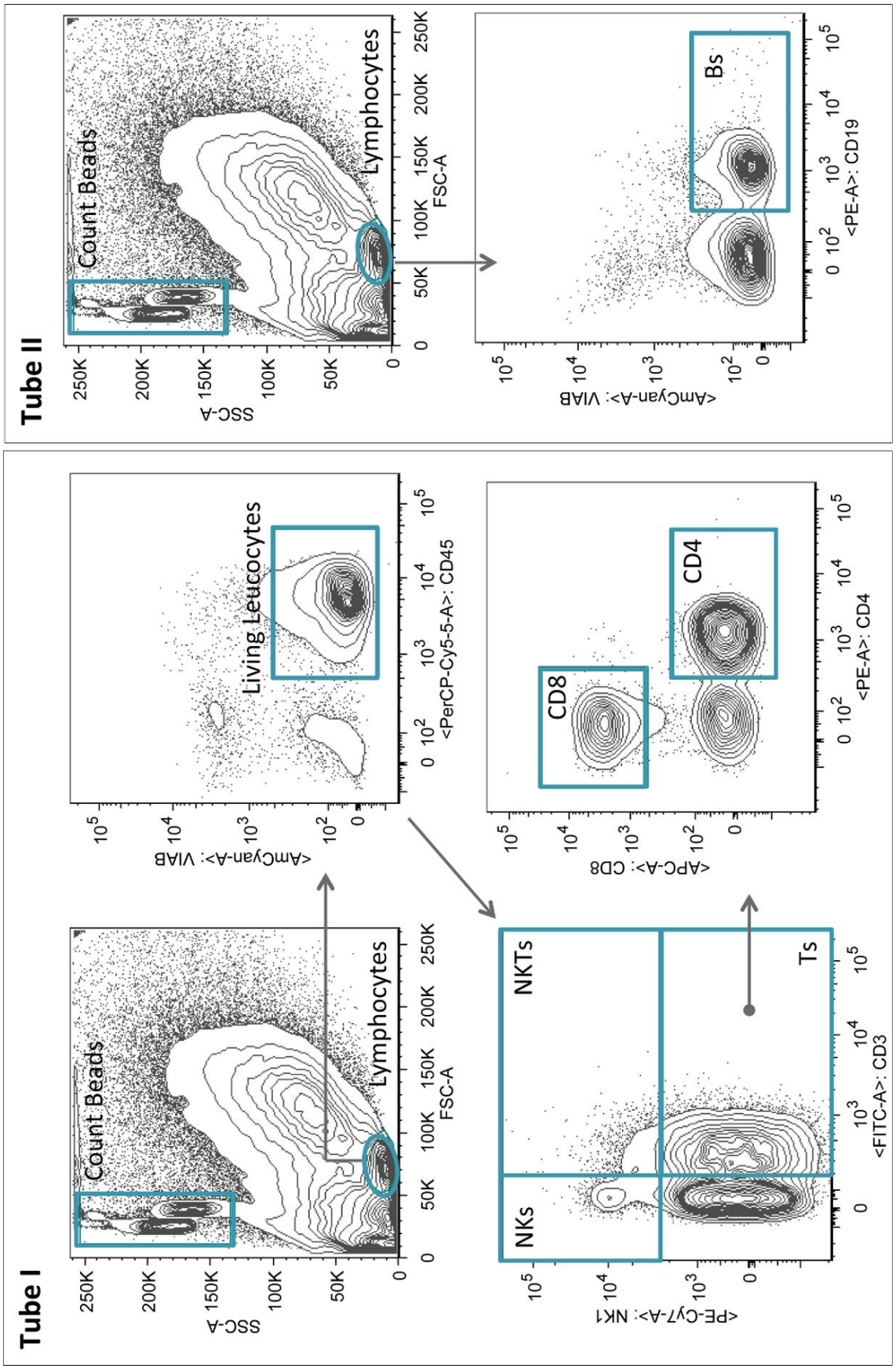
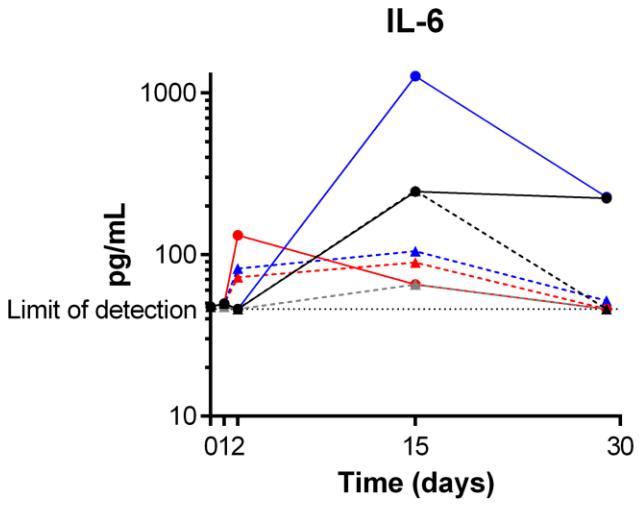
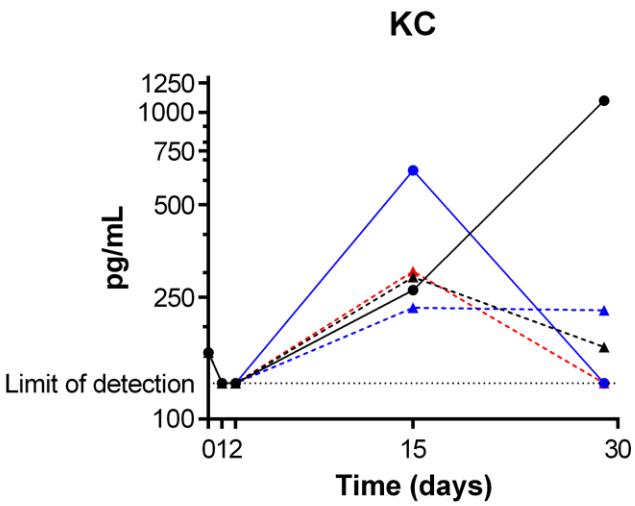
Supplementary Figure 1. Gating strategy to analyze the quantity and phenotype of immune cells that infiltrated the bladders.

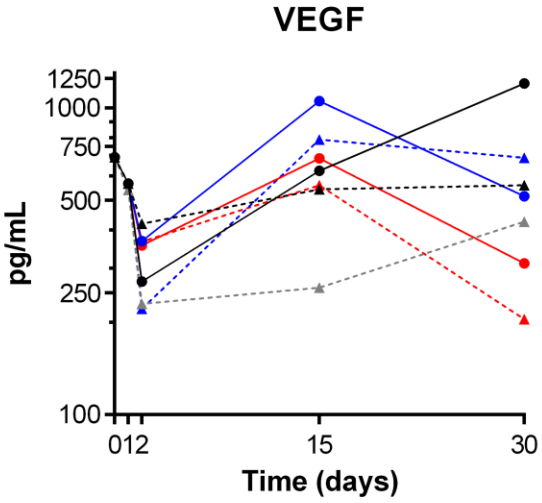


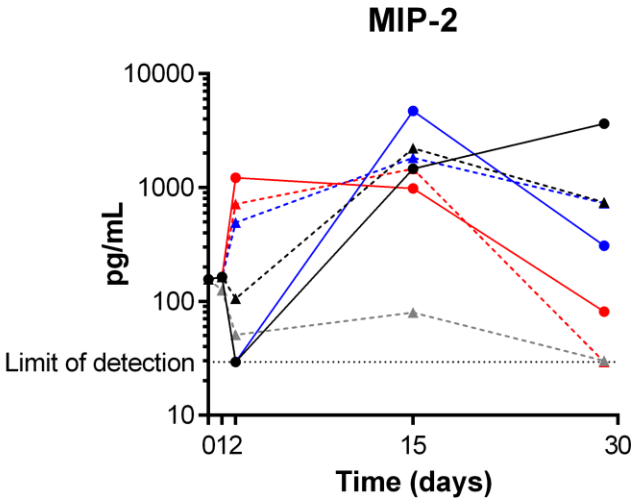
Supplementary Figure 2. Macromolecules detected in pooled urine taken at different time-points from mice.

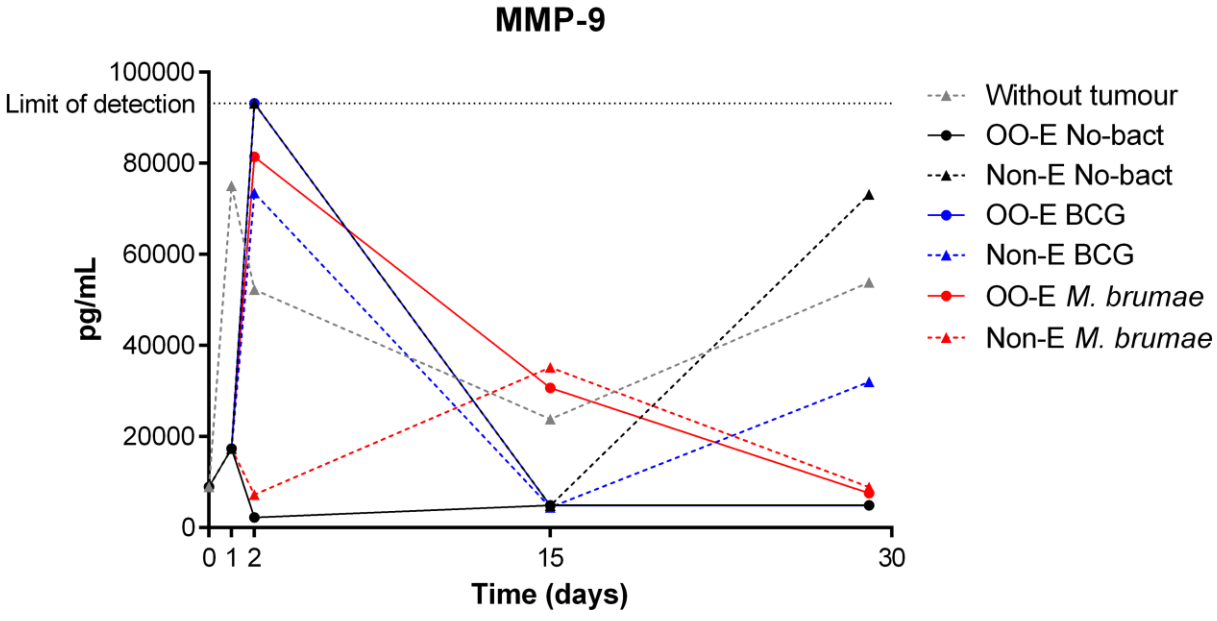
IL-6, KC, VEGF, MIP-2 and MMP-9 were detected in pooled urine samples taken from mice at different time points. Dots plus solid lines represent tumor-bearing mice treated with emulsified preparations and triangles plus dotted lines represent animals treated with non-emulsified preparations. The different groups of animals are represented by different colors: grey triangles represent the healthy (H) mice, tumor-bearing-mice not receiving mycobacteria treatment (No-bact) are represented by black symbols, BCG-treated mice by blue symbols and *M. brumae*-treated mice by red symbols.


IL-6
1000
100
10
pg/mL
Limit of detection
012
15
30
Time (days)


KC
1250
1000
750
500
250
100
pg/mL
Limit of detection
012
15
30
Time (days)


VEGF
1250
1000
750
500
250
100
pg/mL
012
15
30
Time (days)


MIP-2
10000
1000
100
10
pg/mL
Limit of detection
012
15
30
Time (days)


MMP-9
100000
80000
60000
40000
20000
0
Limit of detection
pg/mL
0 1 2
15
30
Time (days)
Without tumour
OO-E No-bact
Non-E No-bact
OO-E BCG
Non-E BCG
OO-E M. brumae
Non-E M. brumae