

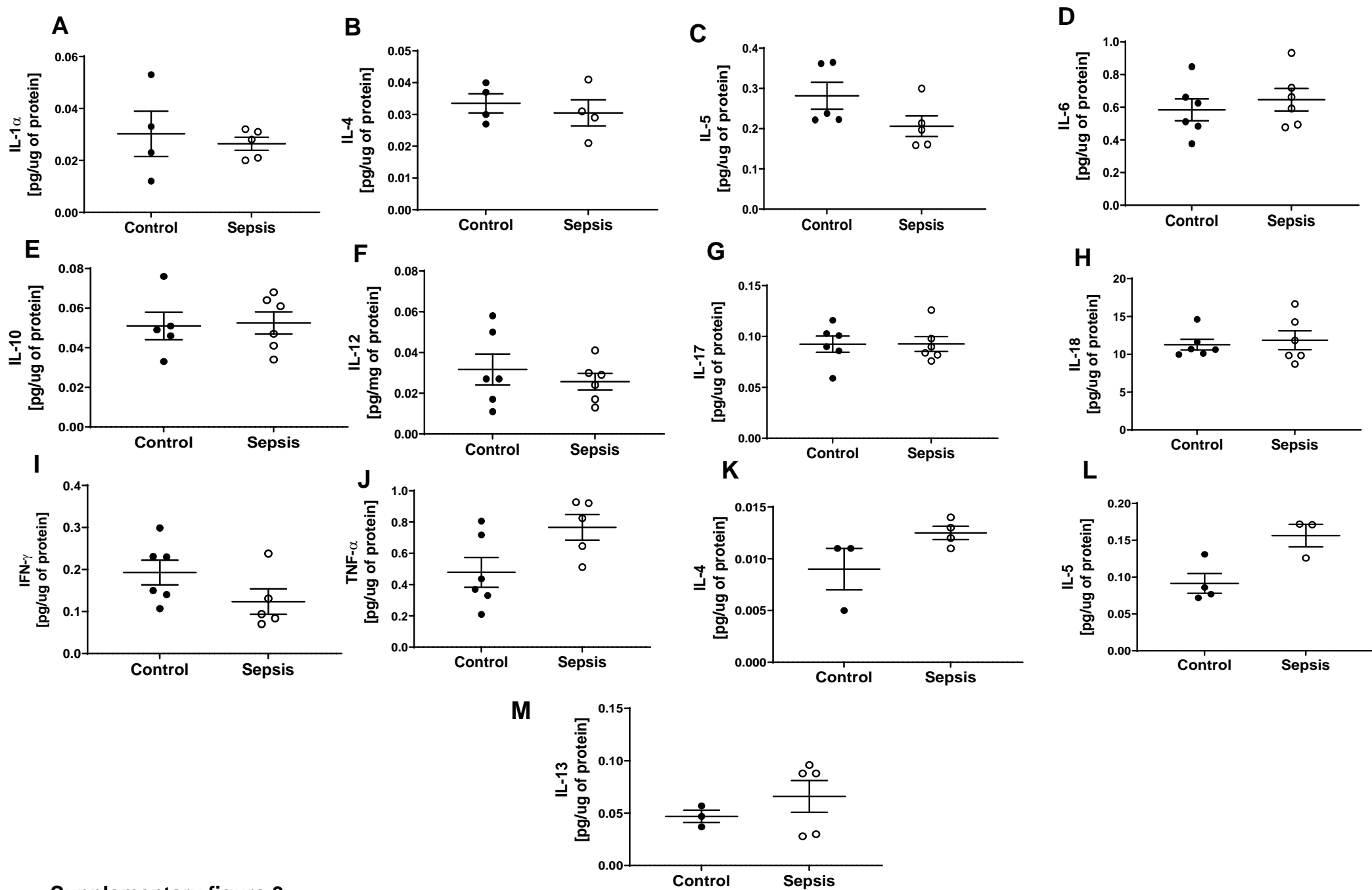
Supplementary figure 1

Flow chart of animal experiments: The number of rats used in behavioral tasks, PET/CT, and biochemical analysis.

Days	1	2	3	4	5	6	7	8	9	10
Sham n = 18	-	-	-	-	-	-	-	-	-	n = 18
Sepsis n = 30	☠☠☠	☠☠☠☠	☠☠	☠☠	☠	-	-	-	-	n = 18
Sham n = 20	-	-	-	-	-	-	-	-	-	n = 20
Sepsis n = 34	☠☠☠☠	☠☠☠☠☠	☠☠	☠☠	☠	-	-	-	-	n = 20

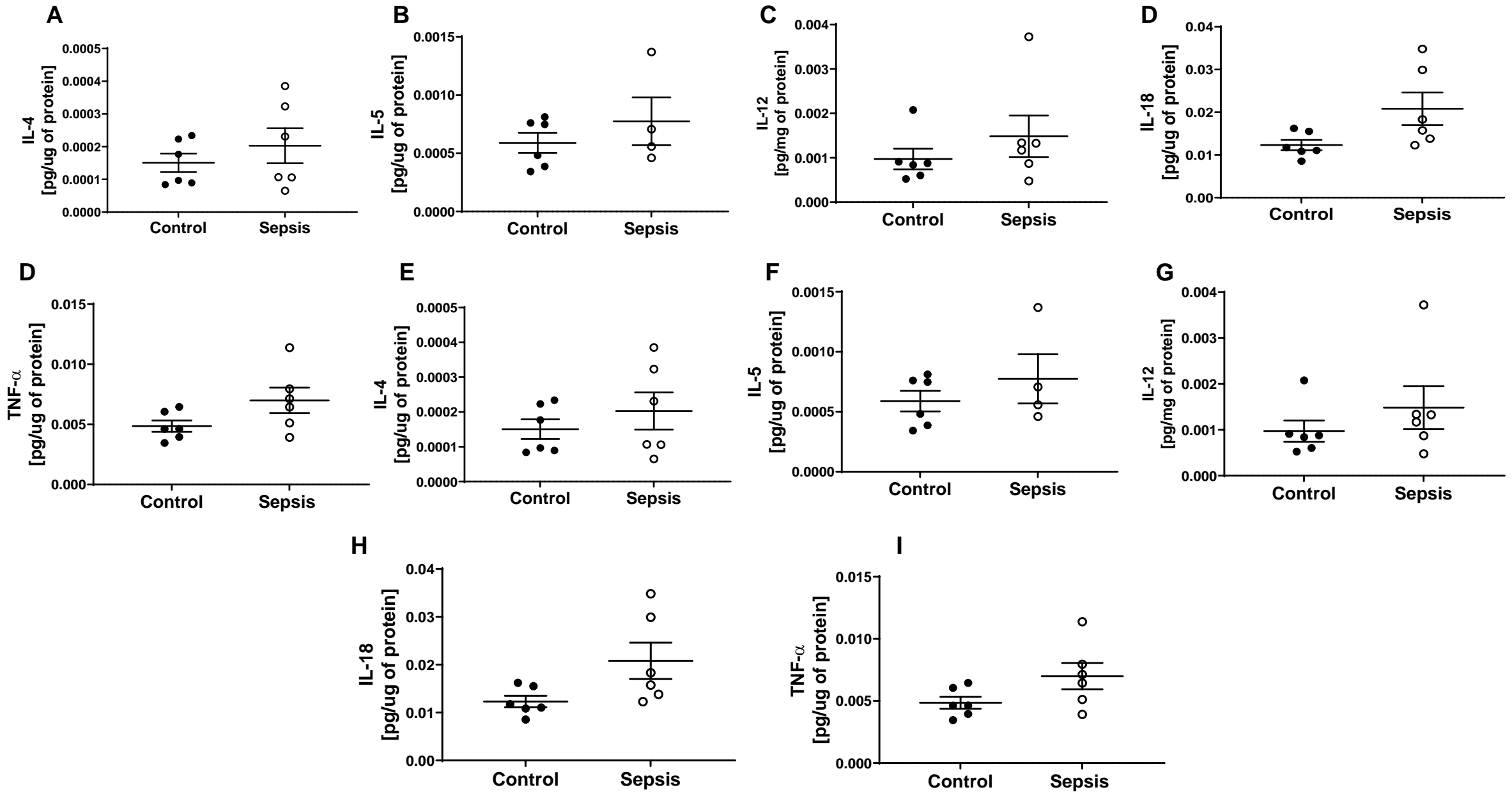
Supplementary figure 2

Survival data: The mortality of rats until 10 days after CLP and non-CLP (sham) surgery. ☠ represents death of one rat.



Supplementary figure 3

Cytokine levels: Cytokine levels measured using multi-plex analysis after 24 hours of CLP or non-CLP surgery at PFC (A-J) and hippocampus (K-M).



Supplementary figure 4

Cytokine levels: Cytokine levels measured using multi-plex analysis after 10 days of CLP or non-CLP surgery at PFC (A-D) and hippocampus (E-I).