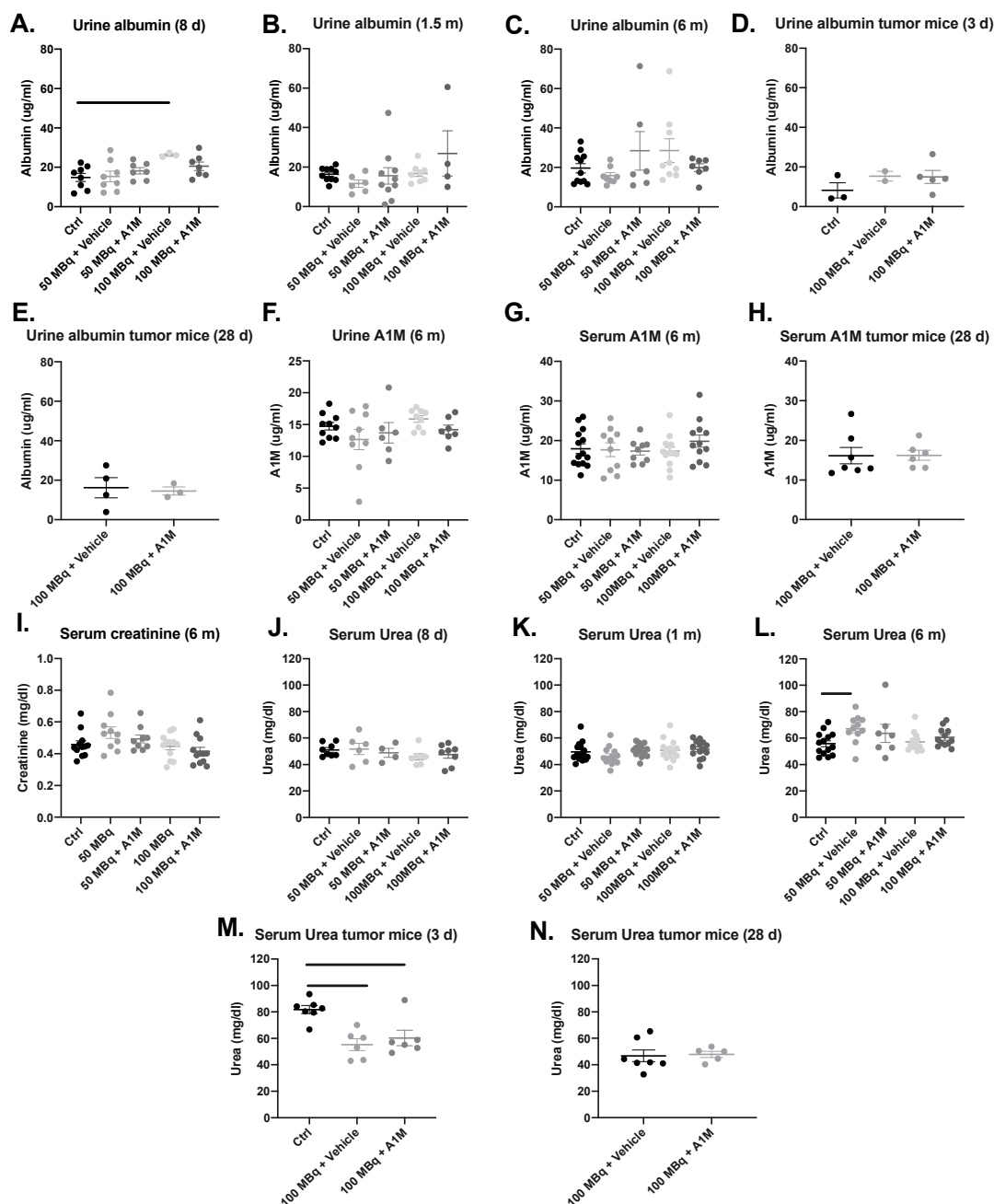
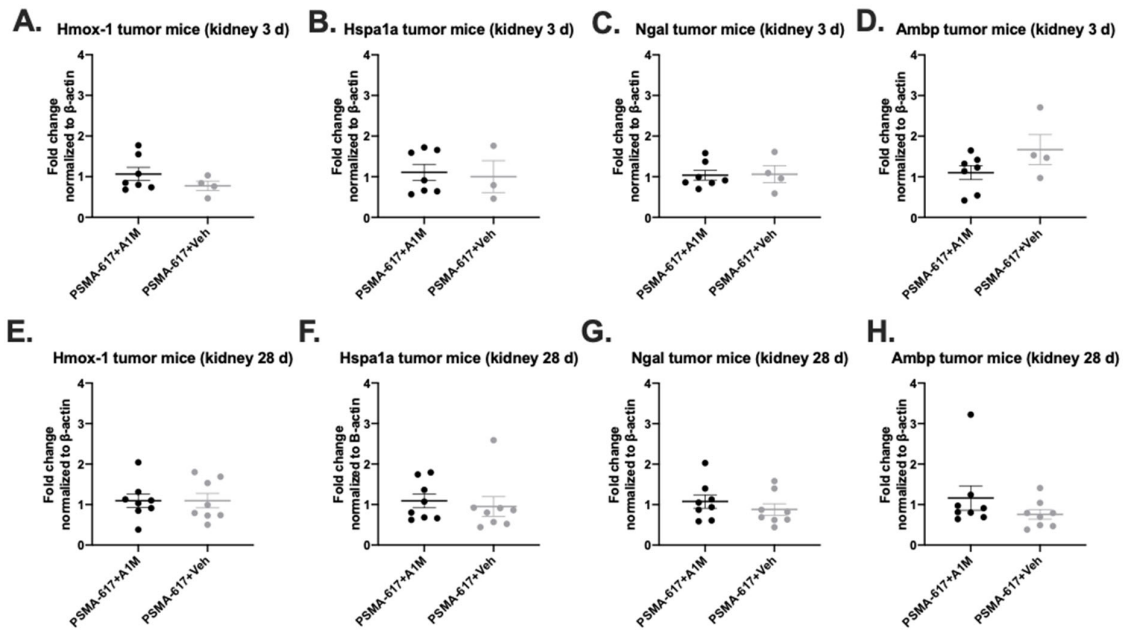


Supplementary Materials



Supplementary Figure S1. Biochemical kidney damage markers in mice after injection of ^{177}Lu -PSMA-617 with or without co-administration of A1M. Albumin in urine sampled at (A) 8 days, (B) 1.5 months, (C) 6 months in mice and (D) 3 days and (E) 28 days in tumor bearing mice. Endogenous A1M levels after 6 months in (F) urine and (G) serum and (H) serum A1M in tumor bearing mice after 28 days. Creatinine levels in serum after (I) 6 months. Urea in serum sampled at (A) 8 days, (B) 1 months, (C) 6 months in non-tumor bearing mice and (D) 3 days and (E) 28 days in tumor bearing mice. Data is presented as mean \pm SEM (One-way ANOVA with Sidak multiple comparison test for three groups or more and unpaired *t*-test for two groups).



Supplementary Figure S2. mRNA levels in kidney tissue of stress and damage related genes in tumor bearing mice after injection of 100 MBq of ^{177}Lu -PSMA-617 with or without co-administration of A1M (5mg/kg). Expression of (A) Hmox-1, (B) Hspa1a, (C) Ngai and (D) Ambp after three days. Expression of (E) Hmox-1, (F) Hspa1a, (G) Ngai and (H) Ambp after 28 days. Data is presented as fold change (mean \pm SEM) vs. ^{177}Lu -PSMA-617 + A1M group.