

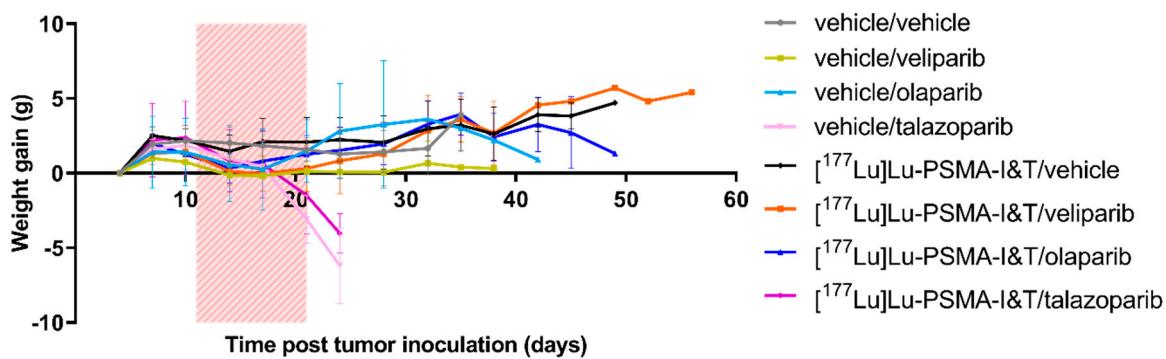


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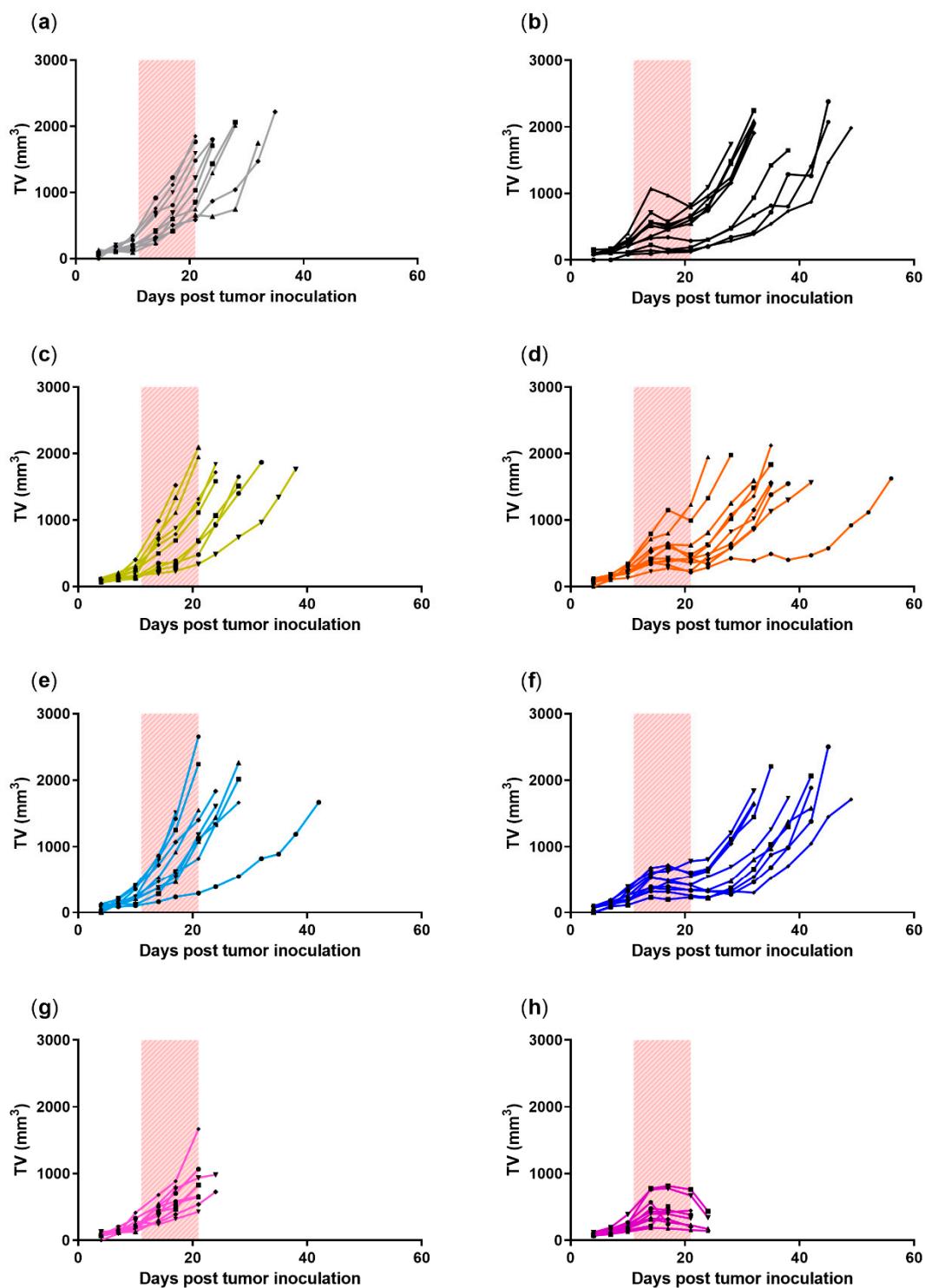
# Preclinical Assessment of the Combination of PSMA-Targeting Radionuclide Therapy with PARP Inhibitors for Prostate Cancer Treatment

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## Supplemental figures



**Figure S1.** Weight gain over time of mice from the *in vivo* study (see Figure 3).



**Figure S2.** Tumor growth of individual mice in separate graphs per group. (a) Group 1 vehicle/vehicle, (b) group 2  $[^{177}\text{Lu}]\text{Lu-PSMA-I\&T}/\text{vehicle}$ , (c) group 3 vehicle/veliparib, (d) group 4  $[^{177}\text{Lu}]\text{Lu-PSMA-I\&T}/\text{veliparib}$ , (e) vehicle/olaparib, (f)  $[^{177}\text{Lu}]\text{Lu-PSMA-I\&T}/\text{olaparib}$ , (g) vehicle/talazoparib and (h) group 8  $[^{177}\text{Lu}]\text{Lu-PSMA-I\&T}/\text{talazoparib}$ . The red box indicates the treatment period with one injection of  $[^{177}\text{Lu}]\text{Lu-PSMA-I\&T}$  or vehicle at day 11 and subsequent daily dosing by oral gavage of the PARPi or vehicle from day 11 until day 21.