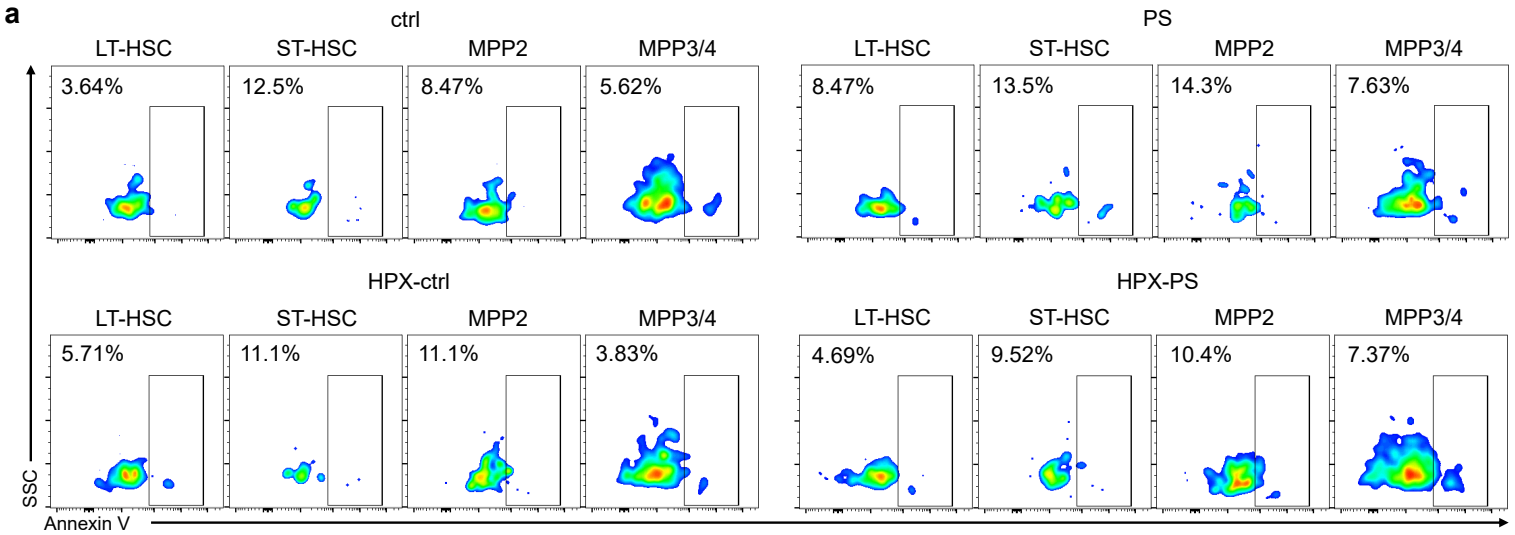
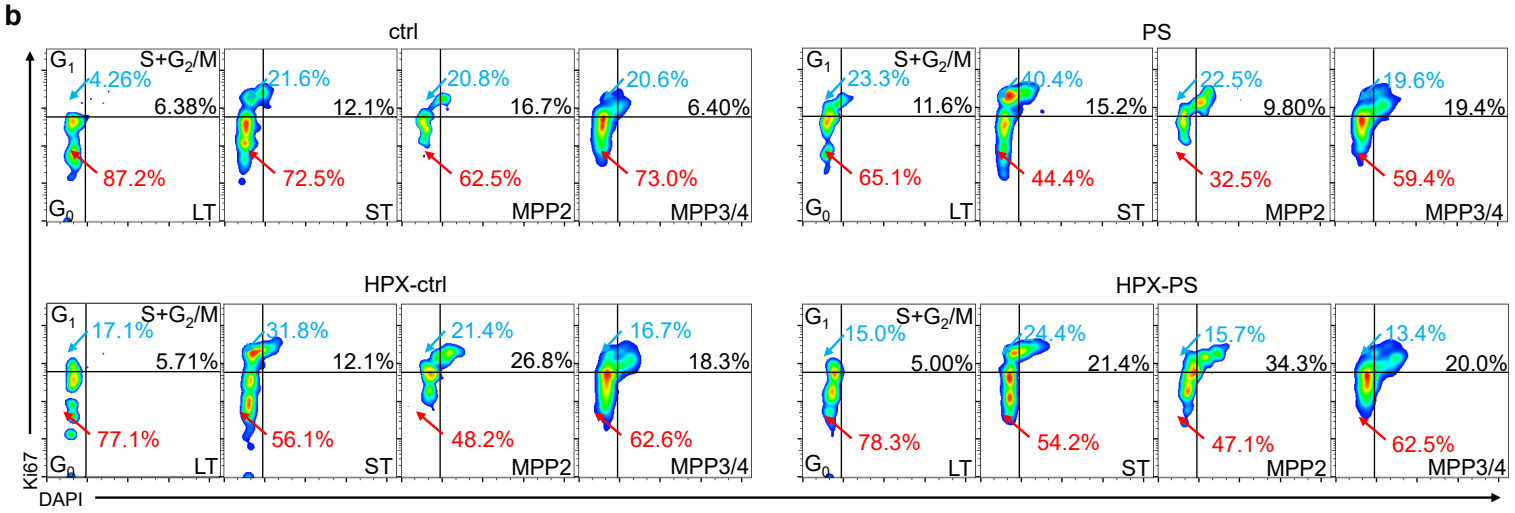
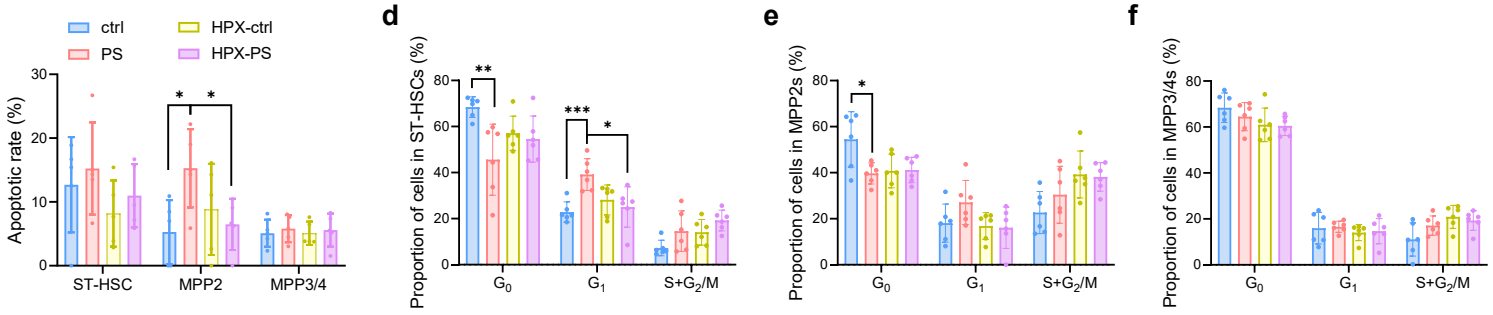
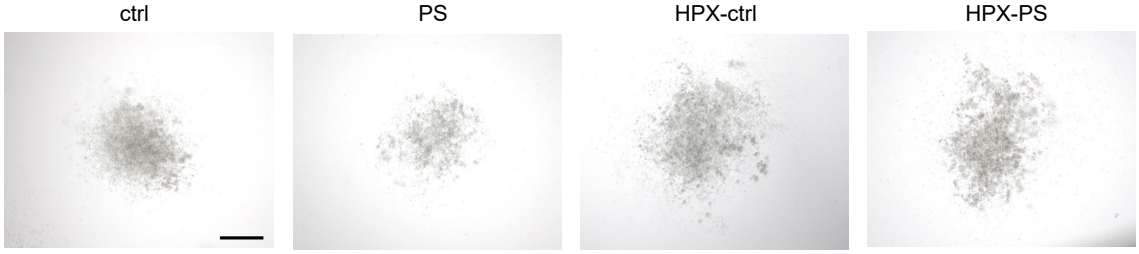
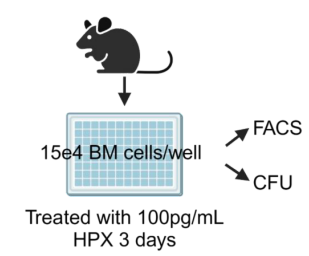
Supplementary Fig. S9



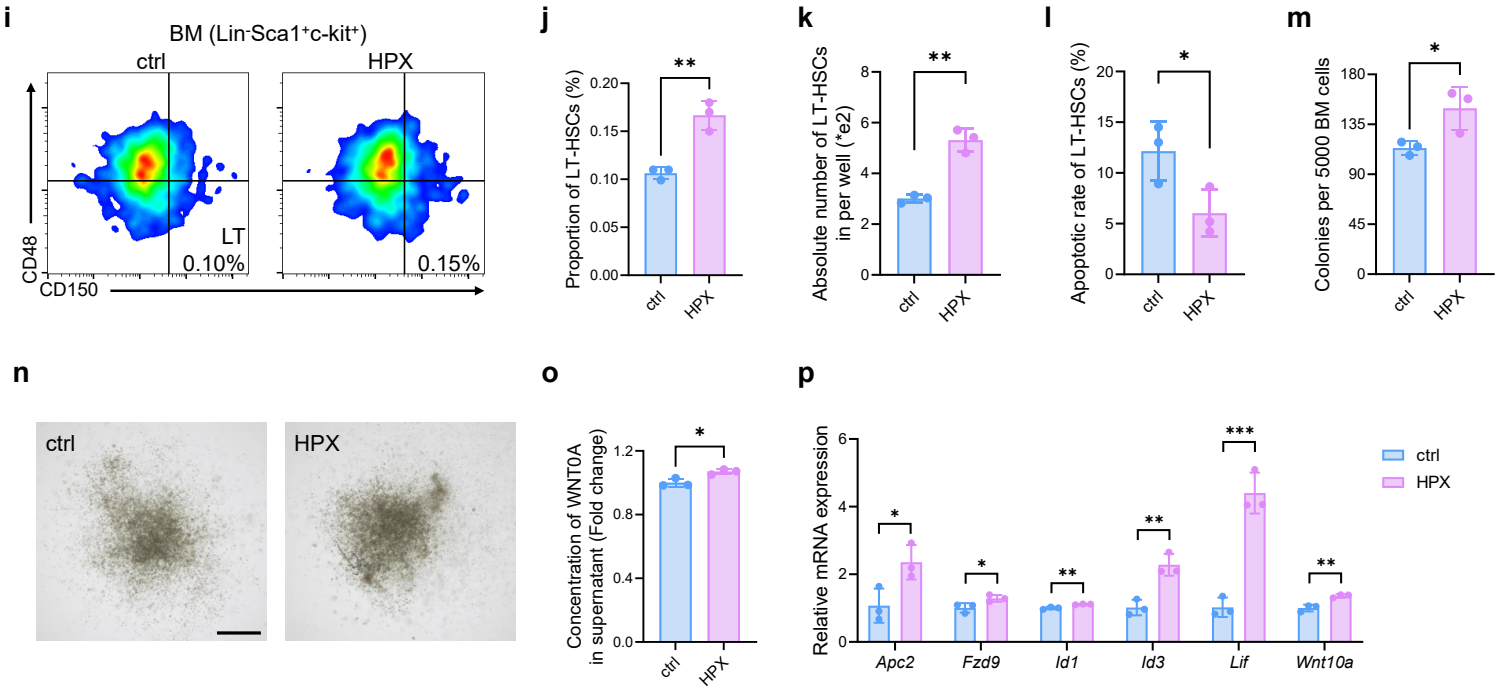








Supplementary Fig. S9



Supplementary Fig. S9 | Hypoxanthine treatment partially mitigates the damage of HSPCs in the PS_H mice.

a-b, Representative FACS images of apoptosis (a) and cell cycle profiles (**b**) (n = 5 per group). **c**, Proportion of apoptosis in HSPCs. **d-f**, FACS analysis of cell cycle in ST-HSCs (**d**), MPP2s (**e**) and MPP3/4s (**f**). **g**, Representative images of colonies in ctrl, PS, HPX-ctrl and HPX-PS group. **h**, Schematic of the hypoxanthine culture in vitro to BM cells. **i-k**, Representative FACS images (**i**), proportion (**j**) and absolute number of cells (**k**) in mice. **l**, Apoptosis of LT-HSCs. **m-n**, Number of colonies formed by 5000 bone marrow cells (**m**) and representative picture of colonies (**n**). **o**, Concentration of WNT10A in the supernatant. **p**, Relative expression of genes in the Wnt signaling pathway. Error bars indicate SD, unpaired two-tailed t-test. *$P < 0.05$, **$P < 0.01$, ***$P < 0.001$.