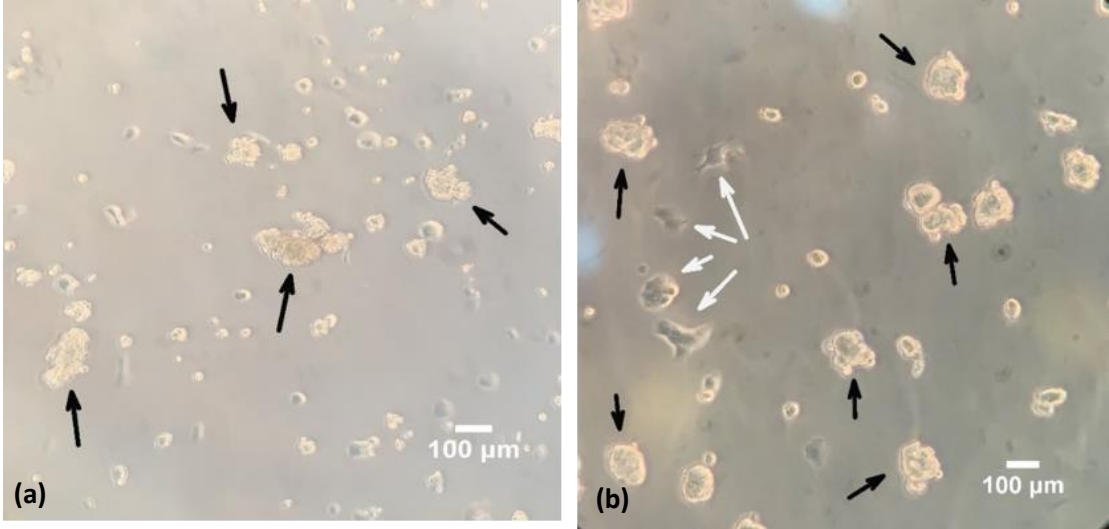
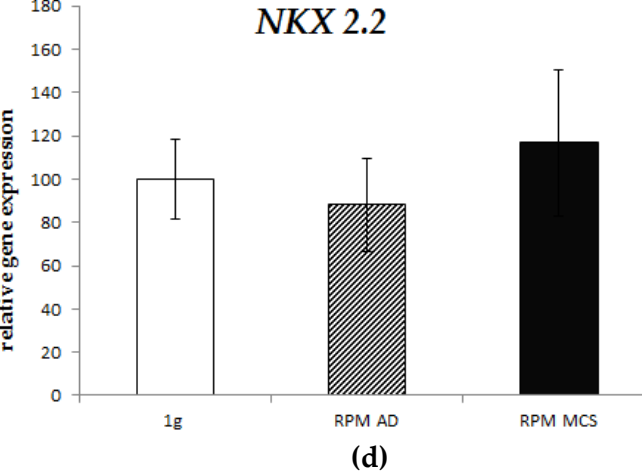
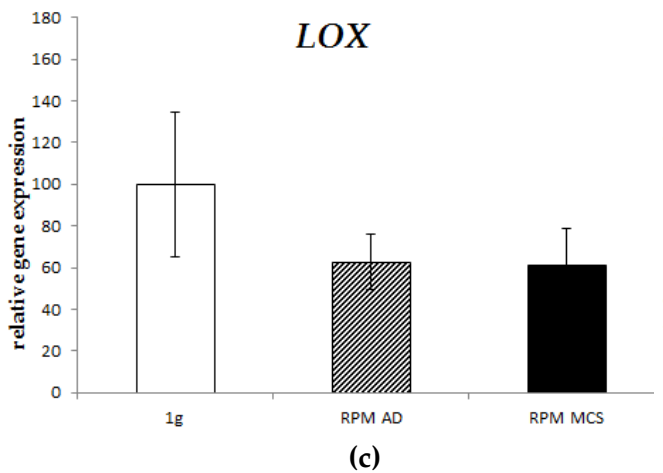
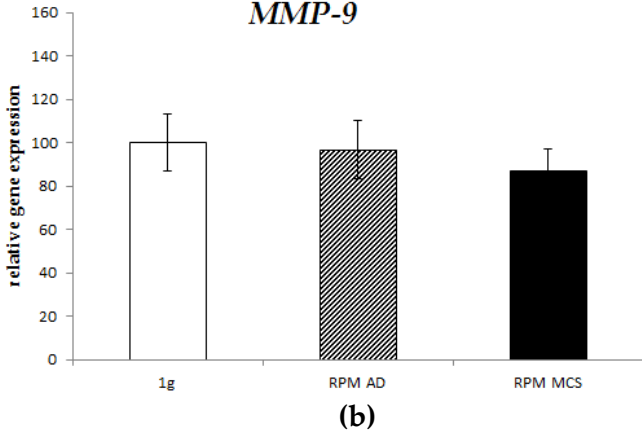
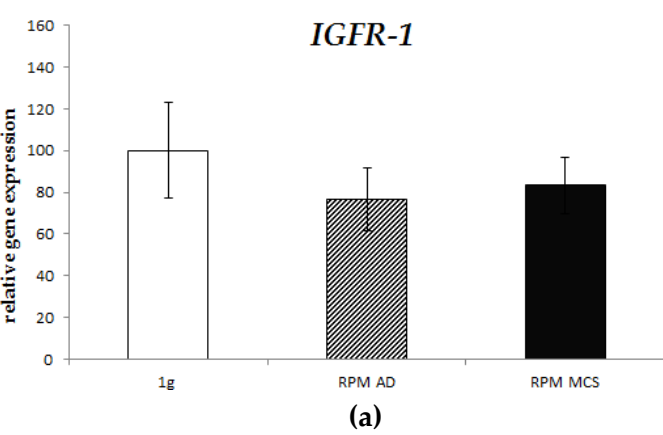
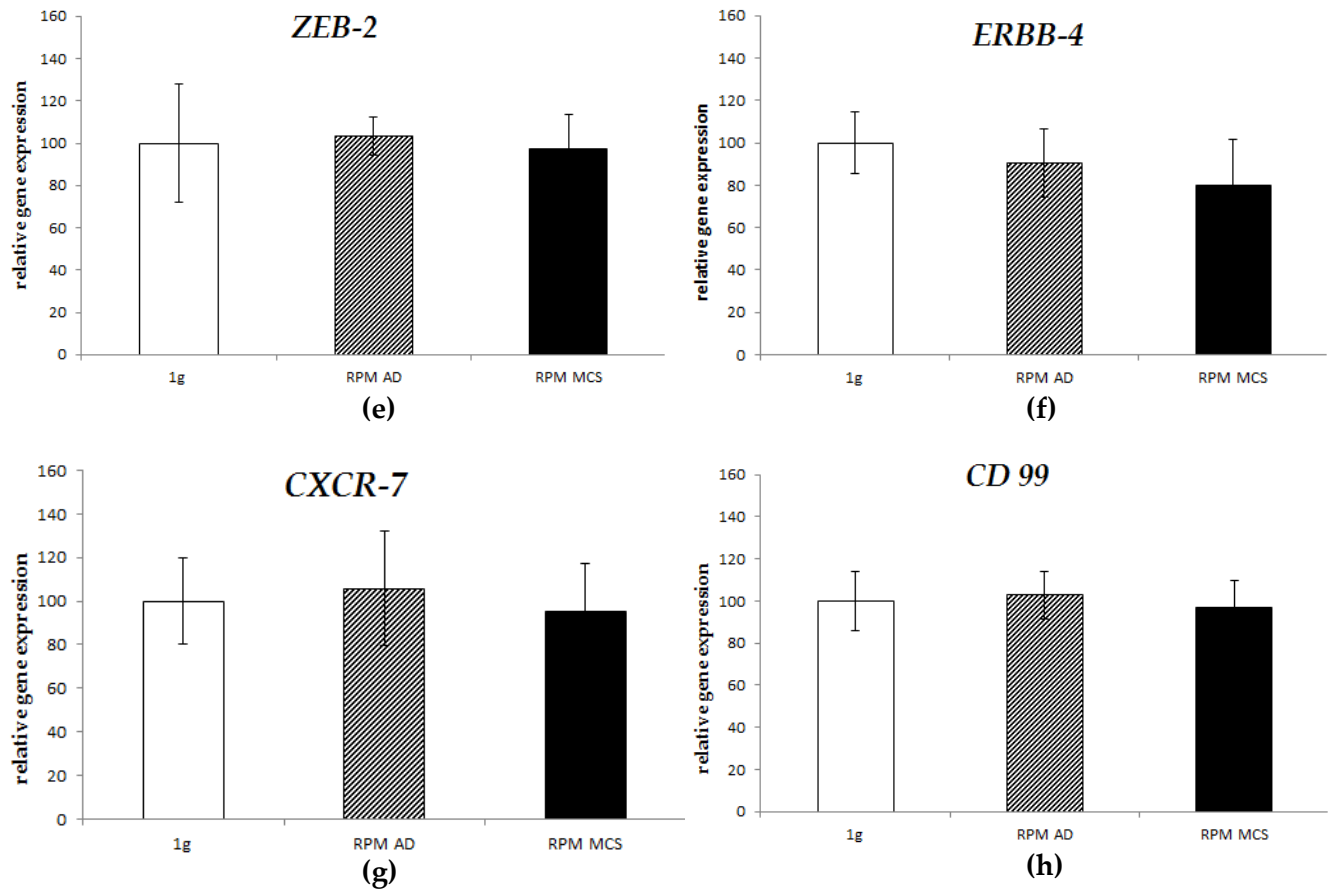


Supplementary Material



Supplementary Figure 1. (a) (b) various spheroids (black arrows) after 24h under simulated microgravity. On the ground of the cell culture flask some adherent cells (white arrows) are still attached to the culture flask surface. (Not every spheroid or adherent cell is highlighted).





**Supplementary Figure 2.** Figures 2 (a) – (h) show relative gene expressions compared to 1g-control group. None of the gene shown reached significance.