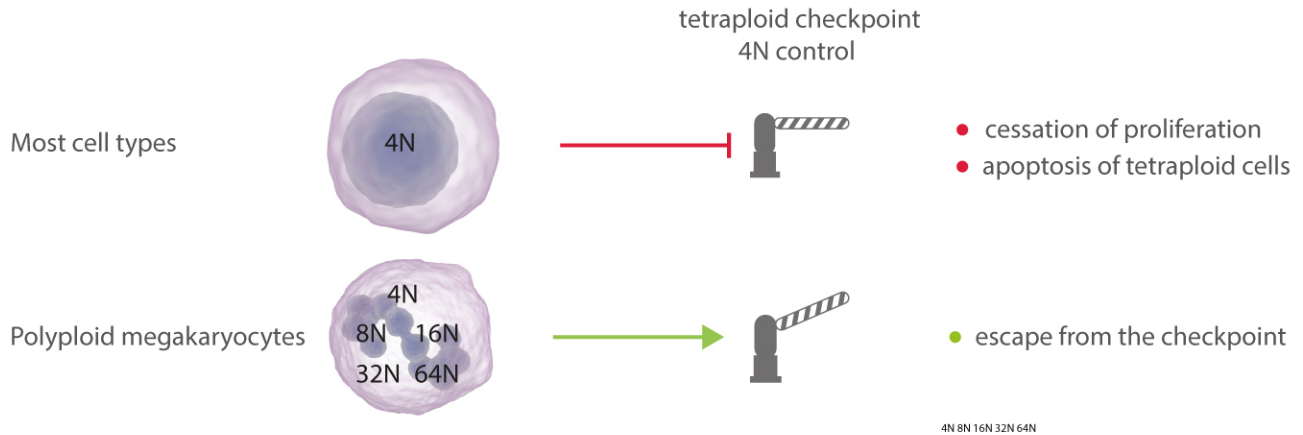


Uncoupling of the Hippo and Rho pathways allows megakaryocytes to escape the tetraploid checkpoint



- Hippo pathway is functional but is not induced by tetraploidy

Hippo pathway	present	✓	activated	✗
	functional	✓	coupled from Rho activity	✗

- Increased expression of YAP target genes

YAP knockdown



- ↓ mitochondrial mass in polyploid megakaryocytes
- ↓ expression of PGC1 α (important mitochondrial biogenesis regulator)