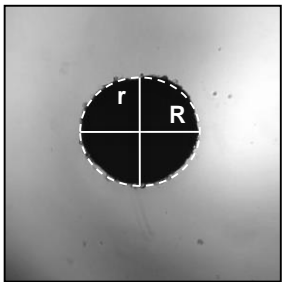


GSC11

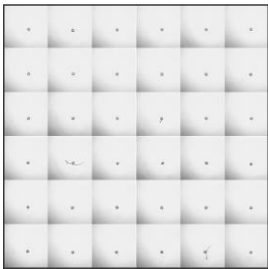
replicates



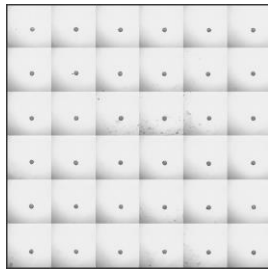
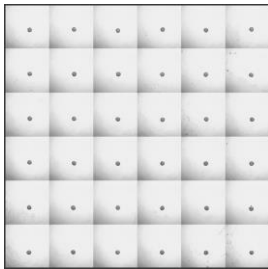
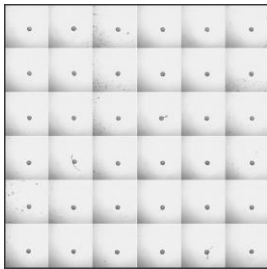
- 96 wells u-shaped plates
- 15 days drug exposure
- Resembles a “tumor”
- Cell-cell contact
- Altered metabolism
- Heterogeneous population
- Diffusion of nutrients, oxygen and drugs
- Hypoxia

Spheroid volume:
 $V = (3/4 * \pi) * R * r^2$

Day 1 – no drugs



Day 4 – no drugs



Sphere size

Cell titer glo 3D

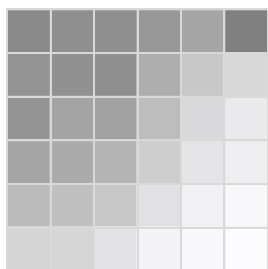
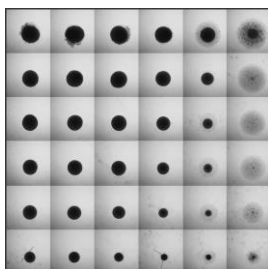
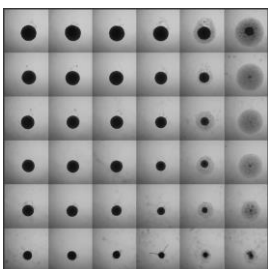
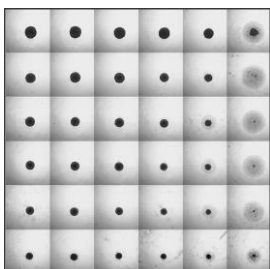
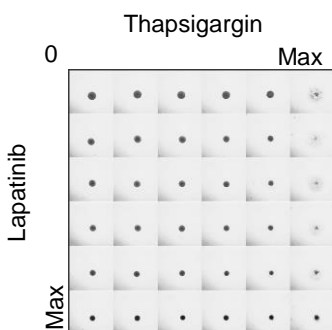
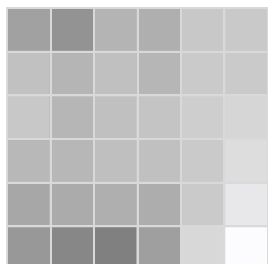
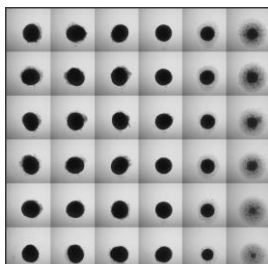
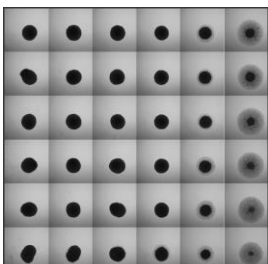
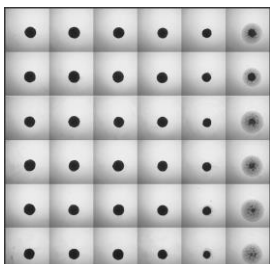
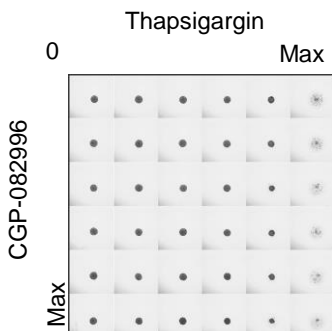
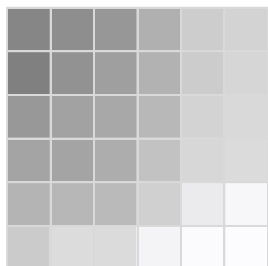
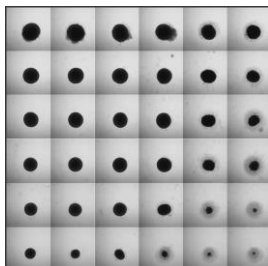
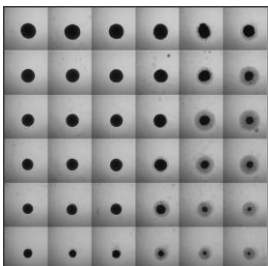
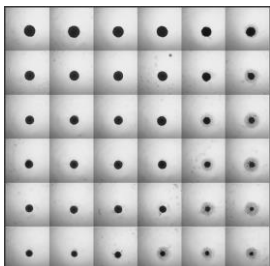
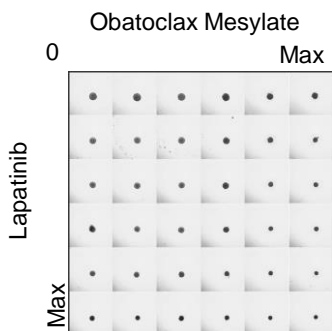
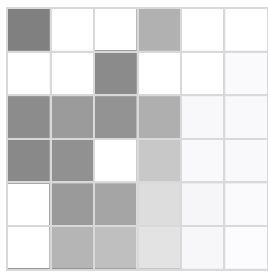
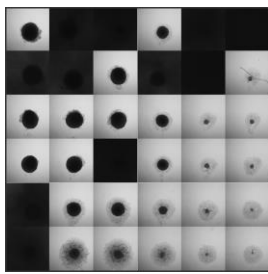
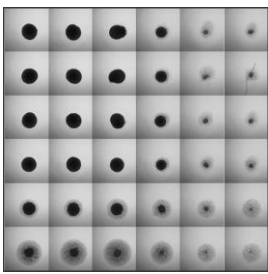
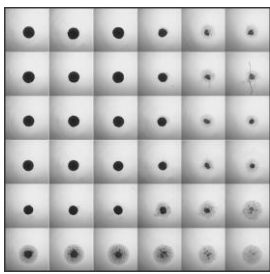
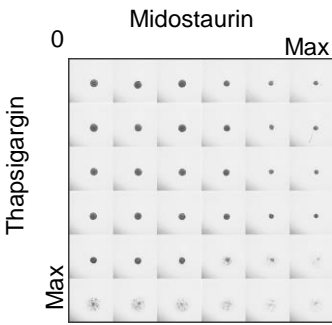
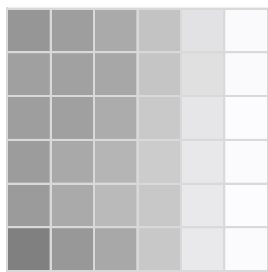
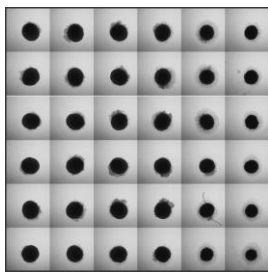
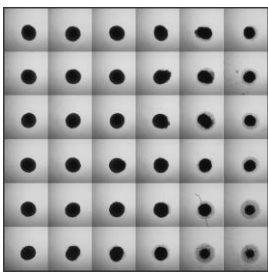
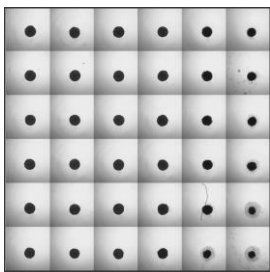
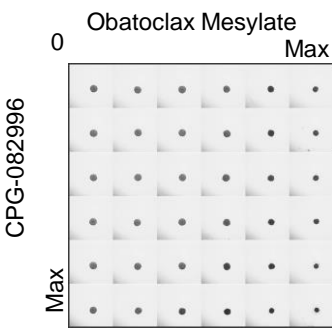
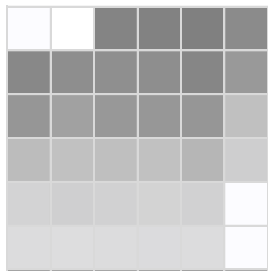
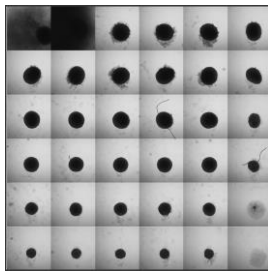
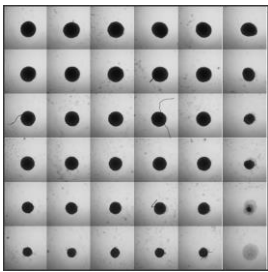
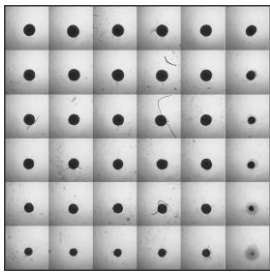
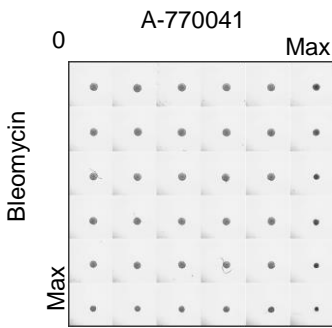
Day 8

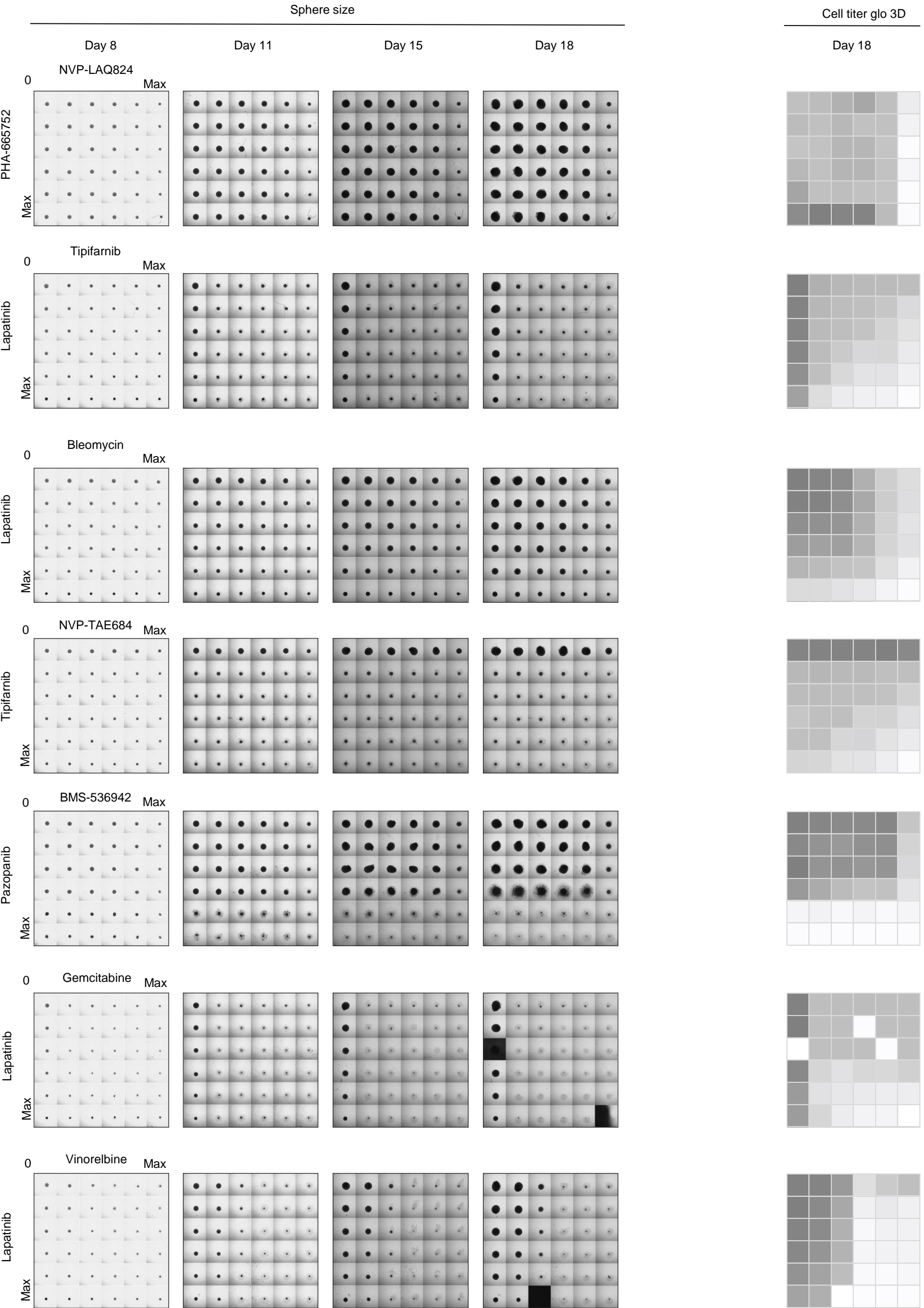
Day 11

Day 15

Day 18

Day 18





Duplo's

