A  
**De novo recurrence model**

- Primary CNS tumor
- Tumor regression upon treatment of doxycycline
- Tumor recurrence
- Sphere culture of tumor recurrence

B  
**Xenograft recurrence model**

- Primary CNS tumor from dox-sensitive PDGF mouse model
- Sphere culture of dox-sensitive tumor stem-like cells
- Xenograft to flank of a nude or syngenic mouse
- Tumor regression
- Tumor recurrence
- Sphere culture of tumor recurrence

C  
**In vivo recurrence model**

- Graph showing cell number over days with and without doxycycline

D  
**Xenograft recurrence model**

- Graph showing cell number over days with and without doxycycline