

S222: Frontiers in Neurological Surgery
Practice Questions

Questions 1 – 4: The following terms relate to the two “required” readings. Using any resources available to you, define each of the following in twenty-five words or less.

1. **xenograft:**
2. **necrosis:**
3. **C–H stretch:**
4. **Bregma:**

Questions 5 – 9 are in reference to the Swanson *et al.* paper:

5. What does GBM stand for?
6. From where were the GBM cells obtained?
7. Why were murine (mouse) models necessary?
8. What is the purpose of haematoxylin?
9. In Figure 2A, what is represented by the green bar? If these data were omitted, would it change the way you interpret the whole figure?
10. Describe the molecular feature(s) that allow for *fluorescence*.