

Questions:

cSLO imaging:

1. Define the principal difference between the long and the short laser wavelengths used for imaging
2. Which laser wavelength is used for in vivo detection of GFP, name the respective imaging mode
3. What else can be detected in this imaging mode and why ?
4. Name at least one mouse model expressing GFP, which can be detected in this imaging mode, describe shortly (which promoter, which cells)

Angiography in cSLO imaging:

5. Which two contrasting agents are mainly used?
6. Name the suitable laser wavelengths for these dyes
7. Where are these dyes present? In the retinal, the choroidal or in both vascular systems?
8. What are the common features of cSLO and SD OCT imaging, name at least two:
9. What is the principal difference between cSLO and SD OCT?
10. cSLO, SD OCT, write these abbreviations out