

BIOL416 – Bioethics of Genetics and Genomics

Spring 2019-2020

Review Questions 3

Bioethics of Human Experimentation/ Animal Research / Regenerative Medicine

Question 1

What are the “3R” principles in animal researches? Explain each in detail.

Question 2

Write 3 examples of medical advances in which animal research was essential. Elaborate each according to the principles of bioethics in animal researches.

Question 3

- a) What are three sources of stem cells and the advantages and disadvantages associated with using each?
- b) What do you think is an important issue that needs to be debated as we make decisions about stem cell research?