

Take Home Exam for Immunology

- 1) Describe processes of how, as a researcher, you would try to isolate a tumor specific antigen and use it in some way to combat cancer. Describe the technique (s) that you would use in brief detail:
 - a. Be imaginative and creative
 - b. How might you make an antibody or vaccine?

- 2) Look up three (3) primary research articles that discuss three (3) different cancers and summarize what the authors are doing to fight the cancer in an immunological manner. Summarize each article in no more than one page for each summary.
 - a. Include the source and authors

- 3) What do YOU think is the best way to combat cancer?
 - a. **Explain** your thinking and give examples of why you think that “drug therapy” vs “immune therapy” might be best