

IMMUNOLOGY – N5211 (Master's)
Paper Assignment
Spring 2009

Immunology has figured prominently in Nobel Prizes awarded over the last century. For your paper, choose a Nobel Prize and report on the Nobel laureate(s), their discoveries that led to the awarding of the prize and how the laureates' contributions advanced the field. Also describe how these discoveries are still important and still relevant to immunology in 2009, and how the field has advanced since the awarding of the prize. If it is a recent prize, then speculate on where the field is going. A good place to start your research is Nobelprize.org

Paper specifics:

- 1) **Due Monday, May 18, 2009.** Please turn in a hard copy and submit by email as well (bocarsly@umdnj.edu)
- 2) Length: 5-7 pages double spaced, size 11 -12 font (not including references)
- 3) Please reference the initial work that led to the prize as well as other pertinent primary and secondary literature. You may use web sites and reviews as references, but you must also use primary journal articles.
- 4) **All work must be in your own words** – do not copy text from websites or articles. Papers will be searched for similarities to any online or published works!!!!
- 5) You must pre-clear your choice of Nobel Laureate with Dr. Bocarsly – the number of individuals writing about a specific Nobel Laureate will be limited to 2-3

MOLECULAR AND CELLULAR IMMUNOLOGY – 5210 (Ph.D.)
Paper Assignment
Spring 2009

The Nobel Prize in Physiology or Medicine is typically awarded a number of years after significant discoveries in the field of biomedical research that have revolutionized research and/or patient care. Your assignment is to **write a letter** to the Nobel Committee nominating an individual or several individuals for the 2009 Nobel Prize in Physiology or Medicine. The individual/individuals nominated cannot have already received the Nobel Prize and must be alive; their work must be directly applicable to the field of immunology. Your nomination should include an introduction to the individual(s)' work, and why/how it has revolutionized the way immunologists either carry out their work or conceptualize the immune system. Include a discussion of the seminal primary research papers that form

the foundation of the work for which you are making the nomination. Note that the Nobel Prize can be split among individuals who work together or may be given to individuals from different institutions working in the same general area. An example of the latter is Kohler and Milstein, who developed monoclonal antibodies, were awarded the prize with Jerne, for antibody networks. A good place for getting information on the Nobel Prize is: nobelprize.org

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- 7) Length: 5-7 pages double spaced, size 11 -12 font (not including references)
- 8) Please include reference to the initial work that supports your nomination as well as other pertinent primary and secondary literature. You may use web sites and reviews as references, but you must also use primary journal articles.
- 9) **All work must be in your own words** – do not copy text from websites or articles. Papers will be searched for similarities to any online or published works!!!!