

Extra credit opportunity for Chem 423

The deal: Worth 10 points towards replacement of your lowest or quiz grade.

When? Email this write-up to me by May 5 by 11:59 PM.

What? Write a 150 word (minimum) essay on how one of the molecules listed below affects the metabolic pathway. You must include at least one primary reference from a journal. Wikipedia, and the like, do not count and will be checked randomly to as part of an ongoing effort to curb plagiarism.

Use pubmed (<http://www.ncbi.nlm.nih.gov/pubmed/>) to aid you in your search. If you would like to, you may also include a pathway representation of how the molecule interferes....the more (accurate) info you include, the more likely you are to receive 10 points.

Agents that interfere with oxidative phosphorylation:

Antimycin A
Myxothiazol
Rotenone
Piericidin A
Aurovertin
Oligomycin
Venturicidin
Valinomycin
Thermogenin
Atractyloside