Signal Transduction Pathways in Normal and Diseased Tissues-CLB1503/H

Student:

Paper:

Reviewer:

Oral Presentation:

Clarity & Organization .................................................................  /10
Data Analysis ............................................................................. /15
Response to Questions .................................................................  /15
Experiments Proposed ................................................................. /10
Total ......................................................................................... /50

Written Research Proposal:

1. **Organization** (relative length and order of sections including background information, rationale, aims, research plan, significance) ................................. /4

2. **Background/Introduction** (does the student thoroughly comprehend the subject area? is the cited literature appropriate -- have key papers critical to the proposed work been omitted?). Is progress adequately critiqued? ........................................ /6

3. **Rationale/Significance** (how might the proposed work impact on the specific field of research? How might it contribute in a broader sense (eg. biology, medicine, etc.)? /6

4. **Hypothesis/Aims** (Is the hypotheses clearly stated? testable? significant? Are the aims a realistic extension of the chosen paper? Are they thorough enough to warrant funding for a 3 year period?) /6

5. **Description of Experiments** (are experimental approaches described adequately and/or cited correctly to convince the reviewer of the student's familiarity with the technique? experimental details are not necessary.) ........................................ /5

6. **Appropriateness of experiments** (will the specific proposed experiments accomplish the aims? directly or indirectly?) ................................................. /5

7. **Feasibility of Experiments** (given the kinds of studies already performed successfully -- are the proposed experiments likely to work?) ......................... /5

8. **Self-critique of Experiments** (is the student aware of the caveats inherent in the proposed study? /5

9. **Originality of Experiments** (how innovative is the proposal? Is it contrived to the candidates own area of research? Does it primarily extend well-established facts using (yet) another system?) /4

10. **Presentation** (include overall clarity, grammar, spelling) ......................... /4

Total ......................................................................................... /50