**FINAL REPORT**

**Graduate Diploma Program**

**Pathology and Laboratory Medicine**

**Purpose:** To evaluate progress in, a) academic courses (completed and in progress), and b) the research project.

***This report is to be COMPLETED by the Graduate Diploma student and SUBMITTED to the Graduate Education Committee of Pathology at Laboratory Medicine (******pathgrad@uwo.ca******), before the end of Month 11 of registration.***

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| **Student Name:** | Click or tap here to enter text. |
| **Supervisor(s):** | Click or tap here to enter text. |
|  | Click or tap here to enter text. |
| **Diploma Start Date:** | Click or tap here to enter text. |

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| **Project Title** |

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| 1. ACADEMIC COURSES |

**Graduate Diploma in Pathology and Laboratory Medicine**

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| **Required Courses** | **In progress** | **Completed** | **Exempted** |
| Pathology 9586A (Introduction to Research Methods) |[ ] [ ] [ ]
| Pathology 9587L (Emerging concepts in Health and Disease) |[ ] [ ] [ ]
| Pathology 9588B (Graduate Seminar and Research Project) |[ ] [ ] [ ]

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| 2. RESEACH SUMMARY/ABSTRACT |

Include a short paragraph summarizing the project. The general layout of the abstract is as follows:

1. Three to six sentences describing the problem, knowledge gap and the idea you tested. If your project was based on preliminary data or previous study from your laboratory, you can describe the findings of the previous study as rationale for your study and state your hypothesis.

3. Three to six sentences describing the methodology (how you tested the hypothesis).

4. Three to six sentences describing the outcome (key results).

5. Two to five sentences describing how these findings have advanced our knowledge of the problem/issue.

6. Keywords. At the end of the page, include 5-10 keywords.

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| 3. INTRODUCTION |

Provide sufficient background information pertinent to the study (with appropriate reference to literature), and the underlying rationale and hypothesis. Ensure that the background information provided allows the reader to understand how you formulated the hypothesis – i.e. provide a clear rationale for your study. The introduction section, preferably, should not exceed two single-spaced pages.

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| 4. HYPOTHESIS and OBJECTIVES |

State the hypothesis and specific aims/objectives.

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| 5. METHODOLOGY AND EXPERIMENTAL DESIGN |

Provide a description of the experimental design, materials (source of the material; vendor name and location), animal models used (and sample size), tissues collected, type of measurement obtained, and data analysis. The information provided should be adequate to permit a qualified reader to repeat the experiments reported. You may include references to previously published experimental procedures, if needed, to provide more detail.

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| 6. RESULTS |

Describe the results of your experiments with the aid of appropriate figures and tables. Place the figures and tables in an appropriate context within the body of the Results section. For each figure, place the figure legend at the bottom of the figure. Each table should have a title and any relevant supplementary information (e.g. sample size, a note on statistical significance, description of abbreviations used). The text description in the Results section should refer to the appropriate figure and/or table to point out major findings. It is not appropriate to have extensive discussion of the data in this ‘Results’ section. Only include what you found and not what it means (save this for the Discussion).

In the event that some of your experiments were not successful (or did not yield any data), you should describe the situation and provide alternative strategies (i.e. what would you do differently to test your hypothesis?).

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| 7. DISCUSSION |

Discussion must be concise (approximately 2 single-spaced pages) and should be focused on the interpretation of the results rather than a repetition of the Results section. In addition to emphasizing the conclusions derived, you may want to point out any limitations and/or potential errors that may be inherent in your experimental approaches. You may also include future directions (what should be done next?). Please include appropriate references to the literature in your Discussion section that help to support your conclusions.

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| 8. REFERENCES |

References should be limited to directly pertinent published papers or papers accepted for publication (i.e. in press). References should be numbered sequentially as they appear in your report. Always try to find the original citation. If you are citing a review article, do so properly (i.e. “… as reviewed in #…”). The reference number should be included in parentheses at the appropriate context in the text.