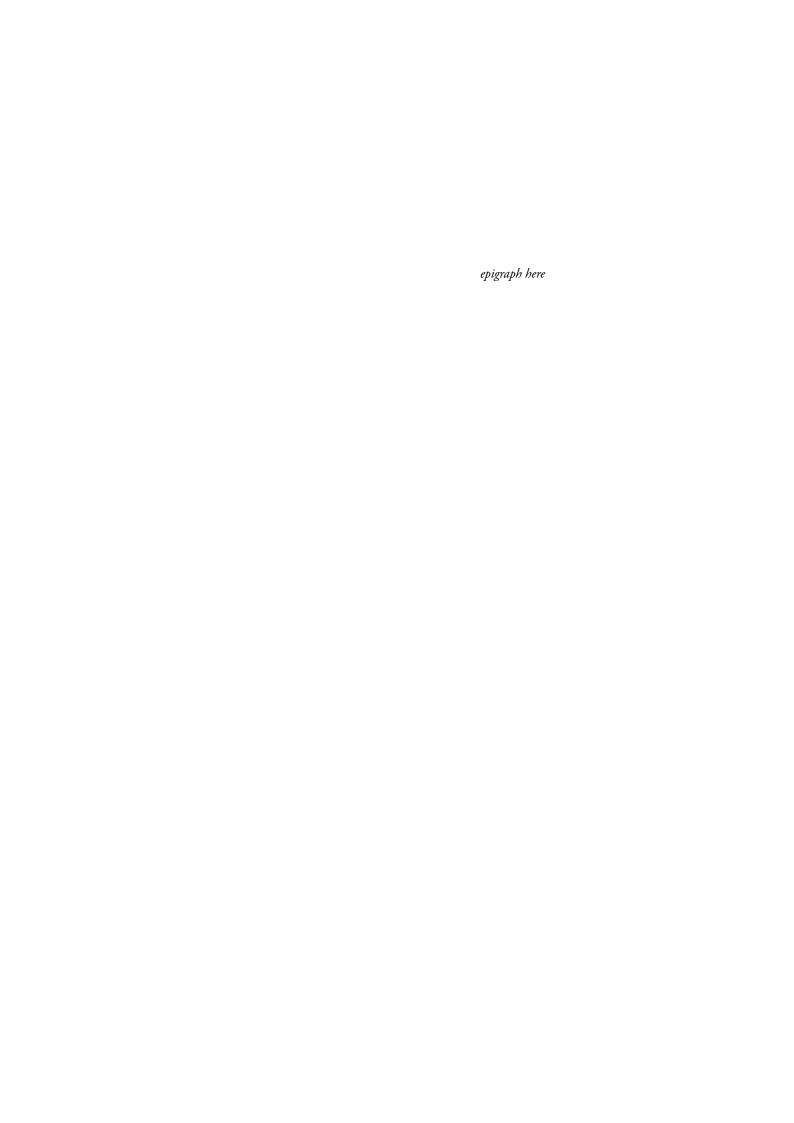
DECLARATION

This thesis presents my own work, and has not been submitted for any other degree or professional qualification. Wherever results were obtained in collaboration with others, I have clearly stated it in the text. Any information derived from the published work of others has been cited in the text, and a complete list of references can be found in the bibliography. Published papers arising from the work described in this thesis can be found in the appendices.

- Scott Warchal, 2018



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Acknowledgements here.

ABSTRACT

Abstract here.

LAY SUMMARY

Lay summary here.

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LIST OF ACRONYMS

- 2D Two-dimensional
- **3D** Three-dimensional
- PBS Phosphate buffered saline
- DMSO Dimethyl sulfoxide