

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

epigraph here

ACKNOWLEDGEMENTS

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