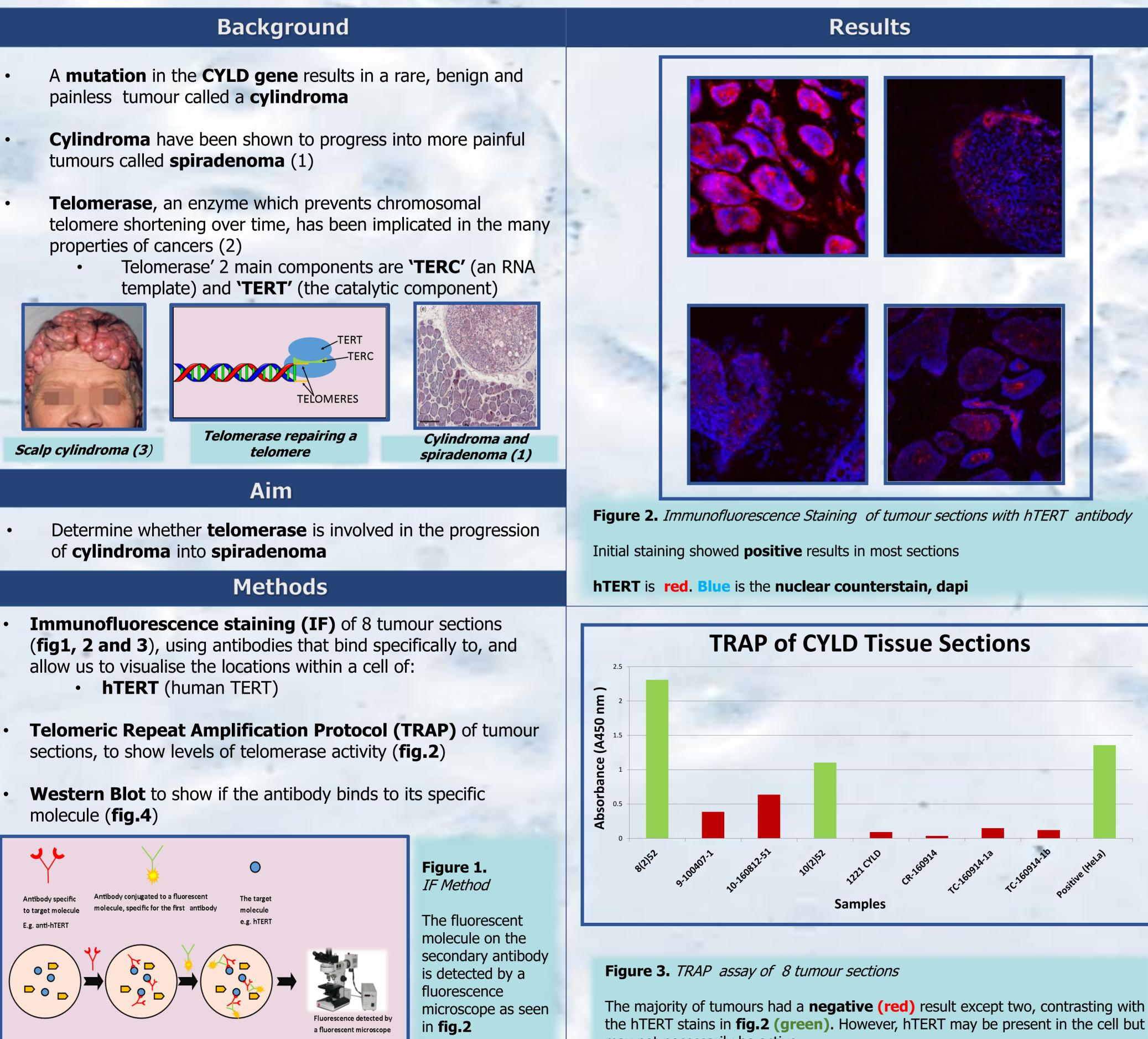
Cylindroma to Spiradenoma: Is Telomerase Involved?

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may not necessarily be active

Figure 4. Western Blot to assess hTERT antibody specificity in tumour samples

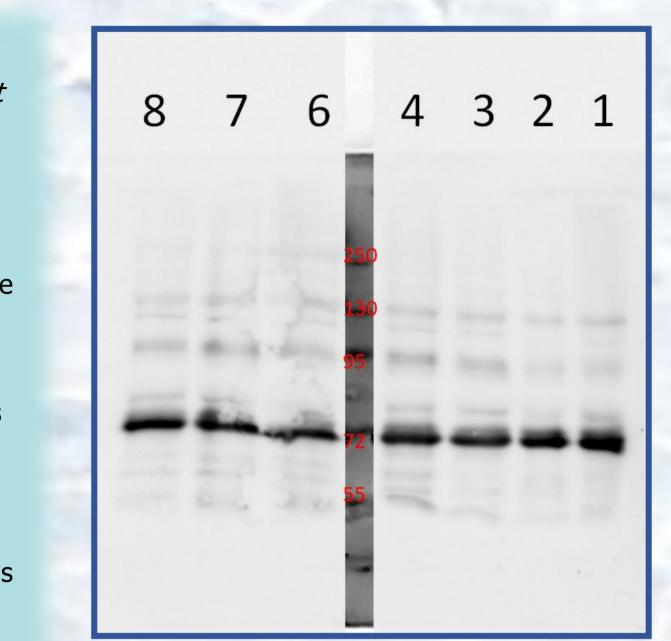
For hTERT, if specific, you would expect to see one dark band at 128 **kDa** in each column.

Here the darkest bands are around **72 kDa**, with lots of other faint bands at different points. This shows that the hTERT antibody was not specific

Due to the short duration of the project, these experiments could not show us telomerase' role in the progression. However, the foundation for further study has been laid.

I would like to thank **Dr Saretzki** and her laboratory team for allowing me to take on this project and supporting me throughout. I would also like the thank the **Wellcome Trust** for funding this project.

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Conclusions

What Next?

Identify an antibody that will bind specifically to hTERT

• A double staining of tumour sections using anti-DKK2 **antibody** – a way of quantifying which parts of a tumour are more cylindroma/spiradenoma (1) – and an anti-hTERT antbody.

• This will allow us to see if there is a difference in the level of hTERT in each tumour type.

Acknowledgements

References

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