

Propositions accompanying the PhD thesis entitled:

QUANTIFICATION OF TUMOUR HETEROGENEITY IN MRI

by

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1. A more heterogeneous tumour is more likely to fail chemotherapy. (this thesis)
2. Visualisation and quantification of tumour heterogeneity is a useful tool in grading, differentiation, monitoring response to tumour treatment, and predicting outcome. (this thesis)
3. Tumour characterisation based on only one MRI sequence is not possible. (this thesis)
4. Since the quantification of tumour heterogeneity is more complex and costly than common used clinical predictors, the additional benefit needs to be established before its use can be justified. (this thesis)
5. For clinical acceptance of tumour heterogeneity as an imaging biomarker, studies with a prospective study design are required. (this thesis)
6. Love and cancer are similar: partial response equals complete failure.
7. The time you enjoy wasting is not wasted time (Bartrand Russel)
8. The secret of all those who make discoveries is that they regard nothing as impossible (Justus von Liebig)
9. When the winds of change are blowing, some people are building shelters and others are building windmills.
10. It is not the strongest, nor the most intelligent who survives. It is the one who is the most adaptable to change. (Charles Darwin)