

PROPOSITIONS BELONGING TO THE THESIS

# COLON CANCER

## THE CLINICAL SIGNIFICANCE OF MOLECULAR BIOMARKERS

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1. The interconnectivity between tumour stages and the consensus molecular subtypes indicate that different tumour stages are largely driven by intrinsic biology features rather than disease progression. *(this thesis)*
2. GeTMM performs equivalent to or outperforms existing normalization methods, and produces a versatile normalized RNA-sequencing data set appropriate for both inter- and intrasample comparisons. *(this thesis)*
3. In colorectal cancer, fusions genes can drive malignant development and may offer new targets for personalised therapy. *(this thesis)*
4. A 3-microRNA signature can predict the development of distant metastases in lymph node negative colon cancer patients treated with surgery alone. *(this thesis)*
5. Observational cohort studies collecting high-quality clinical data and biobank material are key facilitators to advance and improve basic, translational and clinical research. *(this thesis)*
6. "Look deep into nature, and then you will understand everything better."  
*(Albert Einstein, 1951)*
7. "How to cure cancer; turn people into mice." *(Bert Vogelstein, 2017)*
8. "One of the best aspects of health care reform is it starts to emphasize prevention." *(Anne Wojcicki)*
9. The surgical oncologist still deals the most significant blow to early stage solid tumours, and provides the most important factor to prepare for the next.
10. If only we knew when it began.
11. "Talent wins games, but teamwork and intelligence wins championships."  
*(Michael Jordan)*