

Propositions

1. Circulatory microRNAs hold great promise as biomarker for metabolic and cardiovascular diseases in the general population - this thesis
2. Epigenetic research must go beyond DNA methylation by studying the essential role of other epigenetic markers in particular microRNAs - this thesis
3. A signature of plasma-derived microRNAs could help to predict how quickly or slowly an individual ages - this thesis
4. The integrative approach to multi-omics data will come with powerful insights about complex diseases, as well as with challenges - this thesis
5. Discrepancies in quantification and normalization of microRNA expression data are the obstructive factors why microRNAs fail to take off as biomarkers so far - this thesis
6. MicroRNA knocks some sense into senseless - Asher Mullard
7. Sure, Big Data Is Great. But So Is Intuition - Steve Lohr
8. The outcome measure should not only be exciting, but also the discovery process in which you would like to participate
9. Keeping your options open is not the same as having many options, which is largely a state of mind - fueled by curiosity and the ability to think creatively as well as rigorously
10. There are no mistakes, only happy little accidents - Bob Ross
11. Do not go gentle into that good night - Dylan Thomas