Stellingen behorende bij het proefschrift:

From Epigenetics to Genetics in Neuroblastoma

1. Array normalization methods can erase both technical noise and biological effects (this thesis).
2. ALK protein levels in neuroblastoma predict both patient outcome and ALK inhibitor response *in vitro* (this thesis).
3. High AXL expression in neuroblastoma cell lines increases metastatic potential and is a novel target for treatment development (this thesis).
4. Neuroblastoma and Ewing sarcoma cell lines have large differences in epigenetic profile, but respond quite similar to epigenetic treatment (this thesis).
5. The effect of epigenetic treatment in neuroblastoma cell lines is wide-spread and not selective (this thesis).
6. Hundreds of epigenetic aberrations in cancer are known today, which outnumbers the amount of genetic aberrations, although just as few drivers can be found (Baylin *et al.,* Nat Rev Canc 2011; 11(10):726-34).
7. Epigenetic treatment has potential as cancer prevention therapy in mice models (Yoo *et al.,* Cancer Prev Res 2008; 1(4):233-40).
8. Knowledge about embryonic development can lead to new clinical insights (van Noesel, Lancet Oncol 2012; 13(3):229-30).
9. The neural crest is a transitory embryonic structure that is responsible for a wide range of diseases throughout life.
10. If a cluttered desk signs a cluttered mind, of what then, is an empty desk a sign (A. Einstein, 1879-1955)?
11. Genome-wide research is like fishing in a fish pond, you always catch something.