

Stellingen

1. In the investigation of different mutant proteins they should be considered a family of closely related proteins with partially overlapping functions (this thesis)
2. Different IDH mutants have possibly mutant specific functions (this thesis)
3. The frequency of a specific mutation in a tumour type is not correlated with the importance of the role it plays in a single tumour (this thesis)
4. Non-R132H mutations are more prevalent in astrocytoma. (this thesis)
5. Splice variants are not equally distributed amongst the medulloblastoma clusters (this thesis)
6. *"the only way in which we can bring our creative resources fully into play is by misjudging the nature of the task, by presenting it to ourselves as more routine, simple, undemanding of genuine creativity"* –The principle of the hiding hand, Albert O. Hirschman 1967, Brookings Institution
7. There is a biological basis in the development of criminal behaviour (Adrian Raine - The psychopathology of crime, 1997)
8. IDH1 is an early event in the tumourigenesis of glioma (Watanabe T et al. *Am J Pathol* 2009; **174**: 1149–53.)
9. *"mobility (or lack of) at the early research career stage is decisive in influencing academic behaviors and scientific productivity"* Horta H et al, *Higher Educ* 2013; **65**:487-510
10. There is a strong increase in the biomedical field to publish positive results rather than negative results (Fanelli, D. *Scientometrics* (2012) **90**:891-904
11. *Felix qui potest rerum cognoscere causas (Fortunate is he, who is able to know the causes of things)* – Publius Vergilius Maro (70 BC – 19 BC)