

Angiogenesis Inhibition in Glioblastoma

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Stellingen behorende bij het proefschrift

Angiogenesis inhibition in Glioblastoma

Koos Hovinga

1. Angiogenesis inhibition is an effective treatment in glioblastoma (dit proefschrift).
2. Glioblastoma cells respond to cytotoxic therapy like ionizing radiation by secreting Vascular Endothelial Growth Factor (VEGF), thus combining radiotherapy with VEGF inhibition could be a more effective treatment (dit proefschrift).
3. Patients with an EGFR amplified or classical subtype glioblastoma show a worse response to bevacizumab, so in light of the side effects of this treatment, bevacizumab should be reserved for patients that do not have this molecular phenotype (dit proefschrift)
4. Brain tumor stem cells are capable of forming functional endothelial cells. (dit proefschrift)
5. Since brain tumor stem cells are located in a vascular niche, the organotypic “explant” model of glioblastoma is ideally equipped to study this cell population in their original habitat (dit proefschrift).
6. Brain tumor stem cell inhibition by a notch inhibitor leads to less endothelial cells in an organotypic “explant” model and is potentially an alternative or additive to angiogenesis inhibition in glioblastoma. (dit proefschrift)
7. The 10,000 hours rule says that if you look at any kind of cognitively complex field, from playing chess to being a neurosurgeon, we see this incredibly consistent pattern that you cannot be good at that unless you practice for 10,000 hours, which is roughly ten years, if you think about four hours a day. (Malcolm Gladwell)
8. If we knew what it was we were doing, it would not be called research, would it? (Albert Einstein)
9. I have yet to see any problem, however complicated, which, when you looked at it the right way, did not become still more complicated (Paul Anderson)
10. An expert is a man who has made all the mistakes, which can be made, in a very narrow field (Niels Henrik David Bohr)

11. Het faillissement van het Slotervaart ziekenhuis heeft pijnlijk het falen van marktwerking in de zorg laten zien (persoonlijke mening)
12. Ik ben zelf niet gelovig, maar kan me toch erg in de volgende uitspraak vinden:
‘God, grant me the serenity to accept the things I cannot change, courage to change the things I can, and wisdom to know the difference’ (Reinhold Niebuhr)