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Title: Targeting chondrosarcoma and osteosarcoma cell metabolism : the IGF pathway and beyond
Date: 2018-06-13
Stellingen

behorende bij het proefschrift

Targeting Chondrosarcoma and Osteosarcoma cell metabolism
-The IGF pathway and beyond

1. The huge increase in osteosarcoma in vitro studies with limited scientific value constrains the identification of new therapies for this deadly disease. This thesis

2. The strong preclinical rationale for targeting the IGF-pathway in osteosarcoma deserves further clinical and translational exploration. This thesis

3. Monolayer-cultured cells are not a representative model to study IGF pathway activity in chondrosarcoma. This thesis

4. IDH1/2 mutant chondrosarcomas do not require a different therapeutic approach than IDH1/2 wildtype chondrosarcomas. This thesis


7. While mutations in IDH1/2 are an early event in tumorigenesis, chondrosarcoma is not dependent on mutant IDH1/2 anymore. Suijker et al. Oncotarget, 2015: 6(14): 12505-12519

8. The chronic and often uncontrolled cell proliferation that represents the essence of neoplastic disease involves not only deregulated control of cell proliferation but also corresponding adjustments of energy metabolism in order to fuel cell growth and division. Hanahan & Weinberg, Cell, 2011: 144(5):646-74.

9. Publishing negative research results is as important as publishing positive ones.

10. “Great things are not done by impulse, but by a series of small things brought together” (Vincent Van Gogh, 1882) - All small steps combined lead to success down the road.

11. “Live as if you were to die tomorrow. Learn as if you were to live forever” (Mohandas Karamchand Gandhi, 02-10-1869 – 30-01-1948) – It is challenging to find the right balance between focussing on your future goals and enjoying the moment.