



Universiteit
Leiden
The Netherlands

A sight for sore eyes : assessing oncogenic functions of Hdmx and reactivation of p53 as a potential cancer treatment

Lange, J. de

Citation

Lange, J. de. (2012, May 9). *A sight for sore eyes : assessing oncogenic functions of Hdmx and reactivation of p53 as a potential cancer treatment*. Retrieved from <https://hdl.handle.net/1887/18929>

Version: Corrected Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/18929>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/18929> holds various files of this Leiden University dissertation.

Author: Lange, Job de

Title: A sight for sore eyes : assessing oncogenic functions of Hdmx and reactivation of p53 as a potential cancer treatment

Date: 2012-05-09

Statements

1. High Hdmx levels can promote tumorigenesis by inhibiting wild-type p53 function, but also exhibit growth promoting functions that stretch beyond p53 inhibition (this thesis).
2. The efficiency of targeted p53 activation by the small-molecule Hdm2 antagonist Nutlin-3 can be greatly enhanced by combination with other drugs (this thesis).
3. The synergistic growth inhibition induced by two p53-activating small molecules, Nutlin-3 and RITA indicates that the affected pathways are not fully overlapping (this thesis).
4. The cellular effects of the small-molecule p53-activator RITA are highly dependent on Chk2 activity (this thesis).
5. Because the p53 response depends on such diverse combinations of variables, it is important to pursue the large generalizations and overarching principles to get at the rules rather than an example.
6. In a high number of tumor cases, Hdmx is probably a better therapeutic target than Hdm2.
7. Loss of p14^{ARF} expression, which occurs frequently in tumors with wild-type p53, not only attenuates p53 stabilization but also stabilizes Hdmx by reducing its sensitivity to Hdm2 (Li X *et al.*, *Oncogene*, 2011 Nov 28).
8. De waarde die algemeen wordt toegekend aan het zo snel en zo veel mogelijk publiceren is te ver doorgeschoten en draagt niet bij aan meer wetenschappelijke vooruitgang.
9. Science without religion is lame, religion without science is blind (Albert Einstein).
10. Success is the ability to go from one failure to another with no loss of enthusiasm (Winston Churchill).
11. Je gaat het pas zien als je het door hebt (Johan Cruijff).
12. Het geven van zowel een penalty als een rode kaart voor een overtreding binnen het strafschopgebied is een onevenredig zware sanctie die neerkomt op overcompensatie.
13. Het formuleren van niet-wetenschappelijke stellingen bij een proefschrift dient doorgaans slechts als een laxatief voor de eigen intellectuele constipatie.