

Stellingen behorende bij het proefschrift
Unraveling the chromatin in the DNA damage response
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1. Non-photosensitive TTD is a gene expression syndrome. *This thesis*
2. It is challenging to dissect a specific role in the DDR of multi-target ubiquitin E3 ligases. *This thesis*
3. Investigating DDR inhibiting activities is equally important as studying DDR activators. *This thesis*
4. Even though the “forgotten histone” is often ignored in chromatin research, H1 is an important player in the DDR. *This thesis*
5. Standard MS approaches using trypsin are not optimal for studying histones. *This thesis*
6. It is questionable whether transcription-associated chromatin remodelers implicated in DDR actually function in remodelling chromatin around DNA lesions.
7. Misplaced epigenetic marks are often found in cancer cells, which make histone modifying enzymes an interesting target for cancer treatments.
8. Selective clonal compensatory mechanisms may reduce applicability of the highly praised CRISP/Cas9-mediated gene disruption.
9. The level of chromatin compaction and nucleosomal DNA accessibility are not necessarily anticorrelated. (*Poirier et al., J. Mol. Biol. 379, 772 (2008)*)
10. The goal of every PhD program should be a scientifically trained individual, not a thesis.
11. There is no place where as much comes to light as in a dark room. (*W.F.Hermans, The dark room of Damocles*)