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## **Stellingen behorend bij het proefschrift:**

### **Protein Dynamics in Mammalian Genome Maintenance**

**1. Sequential assembly of factors on activity sites (lesions, promoters, or origins) allows regulation in different steps and intermediate abortion of a reaction or the possibility that an inactive factor is replaced by an active one.**

*This thesis.*

**2. The movement of nuclear factors involved in DNA-transacting processes critically depends on the availability and strength of affinity sites.**

*This thesis.*

**3. The in vivo dynamics of the XPG protein are remarkably similar in human cells and Chinese hamster cells, showing that major differences in genetic background hardly affect XPG behaviour.**

*This thesis.*

**4. Impairment of TFIIH function severely affects XPG incorporation into the NER complex.**

*This thesis.*

**5. The transient interactions of elongation stimulating factors, such as CSB, may provide a flexible response to different chromatin conformations or changing conditions during transcription elongation allowing different factors to bind on demand.**

*This thesis.*

**6. The great tragedy of Science – the slaying of a beautiful hypothesis by an ugly fact.**

Thomas H. Huxley (*English biologist, 1825-1895*)

**7. The desire to write grows with writing.**

Desiderius Erasmus Roterodamus (*Dutch humanist and theologian, 1466-1536*)

**8. Our greatest glory is not in never falling, but in getting up every time we do.**

Confucius (*Chinese philosopher and reformer, 551 BC - 479 BC*)

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**9. In the middle of difficulty lies opportunity.**

Albert Einstein (*Theoretical physicist, 1879-1955*)

**10. If you keep thinking about what you want to do or what you hope will happen, you don't do it, and it won't happen.**

Desiderius Erasmus Roterodamus (*Dutch humanist and theologian, 1466-1536*)

**11. Begin at the beginning and go on till you come to an end; then stop.**

Lewis Carroll (*English author, 1832-1898*)