

Stellingen behorende bij het proefschrift

### **The Role of Cdk9 in Transcription**

1. The Mediator complex is likely to mediate the release of transcriptional pausing via its interaction with Cdk9. (This thesis)
2. Cdk9 occupies the promoter region of RNA Pol II transcribed genes. (This thesis)
3. Transcription factories exist in living cells. (This thesis)
4. Early and late elongation steps of transcription take place in different compartments in the nuclear space. (this thesis)
5. The exchange of Cdk9 in transcription foci is fast. (This thesis)
6. Transcription is more compartmentalized in differentiated cells than in embryonic stem cells. (this thesis)
7. "True science teaches, above all, to doubt and be ignorant."  
*Miguel de Unamuno*, Spanish poet and philosopher, (1864-1936)
8. Transcription is like music; good pause, good note, and good melody.
9. Questions are roaring, grab one and answer it.
10. "An error does not become truth by reason of multiplied propagation, nor does truth become error because nobody sees it". *Mahatma Gandhi*, (1869 –1948)
11. "We come spinning out of nothingness, scattering stars like dust."  
*Mowlana (Rumi)*, Persian poet, (1207-1273)

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