Stellingen

Stellingen behorende bij het proefschrift

Studies on Human \(\gamma\)-globin Gene Regulation
Transcription Factors in a Rubik’s Cube

Studies van Menselijke \(\gamma\)-globine Genregulatie
Transcriptiefactoren in een Rubik’s Kubus

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1. The level and wavelength of emission of a fluorochrome is much more critical in erythroid cells than in other types of cells (this thesis).

2. A mutant form of KLF1, a factor essential for erythropoiesis, results in the reactivation of γ-globin (this thesis).

3. Inter-species differences in the expression of transcription factors during development should always be considered when results obtained in animal models are extrapolated to the human situation (this thesis and Sankaran V.G, Nature 2009, 460(7259):1093-7).

4. The silencing of the γ-globin genes depends on multiple factors (this thesis).


7. The diversity of canonical and non-canonical TFIID complexes is a reflection of the high level of complexity governing the process of transcriptional activation during cell differentiation (Deato et al. 2007, Genes Dev: 21(17):2137-49).


9. “The artist started to work for the glory but he got so involved in his work that glory does not interest him any more”, Marcel Proust, writer (1871-1922).


11. “Caminante, son tus huellas el camino, y nada más; caminante, no hay camino, se hace camino al andar.”

Antonio Machado, poet (1875-1939).