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The aberrant transcriptional program of myeloid malignancies with poor prognosis

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Stellingen behorende bij het proefschrift:

THE ABERRANT TRANSCRIPTIONAL PROGRAM OF MYELOID MALIGNANCIES WITH POOR PROGNOSIS

1. Mutated *RUNX1* and *RUNX1-RUNX1T1* both regulate a unique set of target genes.
– *This thesis*
2. Cells expressing mutant *RUNX1* protein have increased stem-cell maintenance.
– *This thesis*
3. The oncogenic effects of mutated *RUNX1* are partially regulated through *TCF4*.
– *This thesis*
4. Besides being the guardian of the genome, p53 may have important roles in erythroid and megakaryocyte differentiation.
– *This thesis, Trainor et al. 2009 & Reinig et al. 2018.*
5. Therapy related myeloid malignancies have a high frequency of ring sideroblasts and *TP53* mutations.
– *This Thesis, Chen et al. 2019, Singhal et al 2019*
6. You know that a protein is very important when they write a book about it.
– *RUNX Proteins in Development and Cancer; 2017*
7. The more you know, the more you know you don't know.
– *Aristotle*
8. Why can't we not be sober?
– *Tool – Sober*
9. The blood of the covenant is thicker than the water of the womb.
10. Seek not that the things which happen should happen as you wish; but wish the things which happen to be as they are, and you will have a tranquil flow of life.
– *Epictetus*

- Myléne Gerritsen