1. *MEF2C* and *NKX2-1* are oncogenes for children with immature and cortical T-cell acute lymphoblastic leukemia respectively (*this thesis*)

2. MEF2C binds and activates T-cell acute lymphoblastic leukemia oncogenes like *LMO2* and *HHEX* (*this thesis*)

3. *LYL1* rearrangements in T-cell acute lymphoblastic leukemia give rise to an expression profile alike *TAL1*- and *LMO2*-rearranged leukemias, and not to an immature T-cell acute lymphoblastic leukemia signature (*this thesis*)

4. The prognostic significance of NOTCH1 activating mutations depends on the treatment given (*this thesis*)

5. As the majority of T-cell acute lymphoblastic leukemia patients have high expression of a NK-like homeobox gene member, NK-like homeobox genes are far more important for the pathogenesis of this disease than thus far realized (*this thesis*)

6. Ara-G resistance does not preclude forodesine sensitivity in acute lymphoblastic leukemia and vice versa (*this thesis*)

7. The management of pathology presupposes the understanding of physiology (*Jonathan Miller, 1978*)

8. Genes are like humans, never more than five handshakes away from each other

9. Standing on the shoulders of giants and colleagues, one can see further than by oneself (*adapted from John of Salisbury, 1159*)

10. It’s easy to be talked out of a good experiment (*Don Wylie*)

11. You have brains in your head, you have feet in your shoes, you can steer yourself any direction you choose (*Dr. Seuss*)

*Irene Homminga, 2011*