

## Propositions

1. HP1 is a universal repressor, able to silence genes with high or low expression with equal efficiency. (this thesis)
2. HP1 works more efficiently in its native chromatin state, pericentric heterochromatin. (this thesis)
3. ACF1 preferentially silences poorly transcribed genes. (this thesis)
4. Activation of transcription leads to local detachment of the transcribed unit from the nuclear lamina. (this thesis)
5. Detachment from the nuclear lamina upon transcriptional activation coincides with a switch from late to early replication but these changes do not exactly overlap. (this thesis)
6. Every scientific finding is a heuristic, a simplification. A perfect description of reality is neither desirable nor achievable.
7. A negative result is only a waste if it is not shared.
8. It would make sense for languages to be selected for efficiency but they are not.
9. More knowledge is always better.
10. In a world without failed experiments there would be no need for science.
11. There is this thing about chaos: It is fair.