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Title: The skin as a mirror of the aging process

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Stellingen behorend bij het proefschrift

The skin as a mirror of the aging process

1. The presence of senescent cells in human skin reflects familial propensity for longevity and health status (this thesis).
2. Cellular senescence in the skin is reflected in one's appearance (this thesis).
3. The occurrence of cellular senescence in vitro does not correspond to senescence in situ when cultured skin fibroblasts and dermis of the same individual are compared (this thesis).
4. The methods of senescence detection vary greatly, but most published studies on markers of cellular senescence and age show significant positive associations (this thesis).
5. There is an urgent need to better define senescent cells based on consistent and rigorously applied criteria (Sharpless and Sherr 2015, Nature Reviews Cancer).
6. If the removal of senescent cells can safely and effectively be translated into clinical practice, this would revolutionize modern medicine.
7. A detailed description of the participants under investigation is essential not only in epidemiology but for biological studies as well.
8. Knowledge about aging, both clinical and biological, is of great value to present and future doctors.
9. The idea is to die young as late as possible (Ashley Montagu 1989, Growing Young).
10. "Je wordt wel ouwer maar niet gauwer" (Oma Eveleens).
11. Wrinkles should merely indicate where smiles have been (Mark Twain 1897, Following the Equator).