

Stellingen

1. The N144H mutation in SLC11A3 is associated with autosomal dominant hemochromatosis and is an attractive target for the treatment of anemia. (this thesis)
2. The high frequency of the hemochromatosis N144H mutation in patients with type 2 diabetes suggests that this mutation is an important determinant of diabetes. (this thesis)
3. HFE C282Y and H63D gene mutations modify the risk of stroke in smokers. (this thesis)
4. The effect of the H63D mutation on bilirubin, red blood cells and iron metabolism may serve as a model to explain secondary hemochromatosis. (this thesis)
5. Patients with type 4 hemochromatosis (HFE4) have a different pattern of iron loading and less severe course of disease than patients with type 1 hemochromatosis. (this thesis)
6. In the case of iron, "One man's meat is another's poison".
7. It is easy to show that 100% of any complex disease is environmentally determined and 100% genetically determined as well. Any other view is based on a naïve understanding of causation. (after KJ Rothman)
8. The *irony* of population screening for hemochromatosis is that with modern advances in diagnostic testing we find a high prevalence but a low morbidity.
9. Current biology is based on the assumption that you can explain the process of life in terms of chemistry and physics. Life cannot be reduced to atoms and molecules. This is why science has become the greatest source of dangerous fallacies. (M Polanyi)
10. The true worth of an experimenter consists in his pursuing not only what he seeks in his experiment, but also what he did not seek. (Claude Bernard, 1813-1878)
11. Do not marry the person you can live with but the person you cannot live without.

Stellingen behorende bij het proefschrift " A genetic epidemiologic study of hemochromatosis" by Omer Njajou Tchikamgoua

Rotterdam, 26 June 2002