

Stellingen
behorende bij het proefschrift
Pharmacology of the Human and Porcine Isolated Myocardium

1. Human atrial and ventricular myocardium respond differently to a number of biogenic substances, indicating that atrial and ventricular contractility is differently regulated. *This thesis.*
2. Human atrial myocardium is more sensitive than ventricular myocardium to a number of biogenic substances. Therefore, the role of atrium in the overall cardiac function appears to have been generally underestimated. *This thesis.*
3. Cardiac M₂ muscarinic receptors mediate negative as well as positive inotropic responses in the human myocardium. *This thesis.*
4. In addition to M₂ muscarinic receptors, the human atrium also contains M₁ muscarinic receptors, which mediate a positive inotropic effect. However, this positive inotropic effect becomes manifest only when the contractility is depressed. *This thesis.*
5. Even within the heart you find blue collars (ventricles) and white collars (atria). *This thesis.*
6. Binding sites for drugs affecting Ca⁺⁺ channels have been localized on various segments of the α1 subunit in the close proximity of pore lining. This provides considerable opportunities for rational drug design.
Varadi, G. et al., Trends Pharmacol. Sci., 16:43-49, 1995.
7. Old cells never die, they just apoptose.
Evan, G.I., Trends Cell Biol., 4:191-192, 1994.
8. Windmills and Wooden shoes represent the past of Holland, tulips and KLM are regarded as symbols of today's Holland. The Dutch people are full of creative instinct and open mind, it is thus difficult to imagine how the future of Holland will be portrayed.
9. While the Chinese built the great wall for protection against enemy aggression, the Dutch people constructed dikes for defence against floods. It shows that although people live in different places of the world, there are still many similarities.
10. At the beginning of my research career, I was confused with the complexity of research problems. After submitting the doctorate thesis, it seems that I am even more confused, but now at a higher level.
11. Coming from China, I felt Holland was a different world. However, when I left Holland after a 3-year stay, it was like leaving home again.
12. Nobody can beat you, but you yourself.

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