

Stellingen behorende bij het proefschrift:

Advanced cell-Based cardiac repair: How to mend a broken heart

Renate de Jong, Rotterdam, 26 September 2014

1. Mesenchymal stem cells are superior to bone marrow mononuclear cells with regard to cell-based cardiac repair. (this thesis)
2. Allogeneic stem cells are preferred over autologous stem cells for the treatment of an acute myocardial infarction. (this thesis)
3. A little bit of fat is not always bad. (this thesis)
4. Encapsulated mesenchymal stem cells behave like micro-factories that release paracrine factors and GLP-1 to repair the myocardium following ischemia. (this thesis)
5. Mesenchymal precursor cells exert the effects of mesenchymal stem cells due to their expression profile of paracrine factors that benefit cardiac repair in combination with increased myocardial retention of the cells following intracoronary infusion. (this thesis)
6. Admittance pressure-volume loop analysis correlates with 3D-echocardiography in the normal, healthy, porcine myocardium, but not in the infarcted myocardium, where admittance pressure-volume loop analysis tends to overestimate left ventricular volumes when compared to 3D-echocardiography. (this thesis)
7. The doctor of the future will give no medicine, but will interest her or his patients in the care of the human frame, in a proper diet, and in the cause and prevention of disease..” (Thomas Edison)
8. Success consists of going from failure to failure without loss of enthusiasm. (Winston Churchill)
9. The most exciting phrase to hear in science, the one that heralds new discoveries, is not ‘Eureka!’ but ‘That’s funny...’ (Isaac Asimov)
10. Reach for the stars, live every moment and dance like no one is watching!
11. Zelfs het kleinste varkentje is een meesterwerk.