

University of Groningen

Addressing liver fibrosis with lipid-based drug carriers targeted to hepatic stellate cells

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Stellingen behorende bij het proefschrift

Theses pertaining to the dissertation

Addressing liver fibrosis with lipid-based drug carriers targeted to hepatic stellate cells

1. To improve upon existing drug delivery systems, it is necessary to enlarge our understanding of the mechanism by which drug carriers interact with cells in vivo. *[this thesis]*
2. Our knowledge of cells in diseased tissue is often more extensive than that of the same cells in a healthy condition.
3. Current experimental antifibrotic therapies tend to focus on targeting hepatic stellate cells selectively. However, given the involvement of all types of liver cells and the wide spectrum of factors causing liver fibrosis, multiple cell targeting is relevant and should receive more attention. *[this thesis]*
4. The field of liposomal drug delivery systems is in dire need of a breakthrough comparable to the invention of sterically stabilised liposomes. *[London 2005 ILS conference]*
5. When living abroad, one tends to learn about one's own country in particular.
6. Laziness and stupidity are unlimited sources of easy money.
7. One knows that a country is bound for agony when its government starts reducing the budget for higher education.
8. In democracies, it is an unfortunate fact that the winner tends to be the loudest politician, rather than the wisest one.
9. The world is presented the bill for current global political stability in the form of regional conflicts.
10. Parents would do well to realise that the tolerance level of other passengers for their children's behaviour in a train is probably much lower than theirs.
11. It is natural for universities to adapt to changing circumstances, but the present demand for valorisation of knowledge should not lead to a situation where research groups simply embrace corporate methods. This tends to stimulate research on small scale variations of known themes, so as to heighten the chances of short term results and financing, at the expense of new perspectives.
12. Horse riding would be a valuable addition to the normal school curriculum, as it teaches one how to be consequent.

Joanna E. Adrian
6 december 2006
