Stellingen behorend bij het proefschrift:

**Preclinical SPECT-MRI;**

**In vivo radiopeptide biodistribution studies**

1. High spatial and temporal resolutions are essential when performing DCE-MRI measurements in small animal studies (This thesis)

2. Animal handling effects should not be disregarded during preclinical multimodality imaging studies (This thesis)

3. Histological analysis of tumors benefits from in vivo imaging to obtain a more complete picture of the whole tumor (This thesis)

4. Functional tumor vasculature is an overlooked factor regarding radiopeptide accumulation (This thesis)

5. SPECT/MRI multimodality imaging can help in designing the optimal schedule for combination treatment of peptide receptor radionuclide therapy and temezolomide in H69-xenografted nude mice (This thesis)

6. Building solid bridges between disciplines requires complementary expertise and willingness to work together

7. Mistakes are the usual bridge between inexperience and wisdom *(Phyllis Theroux)*

8. It is of no use to perfect the dough recipe, use the finest ingredients and have the best wood-burning oven if the pizza can’t be delivered

9. We continue to foresee cancer research as an increasingly logical science, in which myriad phenotypic complexities are manifestations of a small set of underlying organizing principles *(Hanahan and Weinberg; Hallmarks of cancer: the next generation)*

10. Day by day, nothing seems to change, but pretty soon everything’s different *(Bill Watterson)*

11. Hakuna matata