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The Gastrin-Releasing Peptide Receptor as Target for Molecular Imaging of Prostate Cancer

Ananias, Hildo

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Stellingen

behorende bij het proefschrift

The Gastrin-Releasing Peptide Receptor as Target for Molecular Imaging of Prostate Cancer

1. ^{99m}Tc -Technetium-HYNIC(tricine/TPPTS)-Aca-Bombesine(7-14) is als radiofarmacon geschikt voor Gastrin-Releasing Peptide Receptor gerichte beeldvorming van prostaatkanker met behulp van microSPECT in een humaan prostaatkanker muis model. *(dit proefschrift)*
2. De Gastrin-Releasing Peptide Receptor komt tot expressie in het overgrote deel van de lymfeklier metastasen van prostaatkanker en in de helft van de botmetastasen. *(dit proefschrift)*
3. Hoewel de Gastrin-Releasing Peptide Receptor tot expressie komt in lokaal recidief prostaatkanker na radiotherapie, is het tumor onderscheidend vermogen zeer beperkt door opname in benigne prostaat stroma. *(dit proefschrift)*
4. ^{99m}Tc -Technetium-HYNIC(tricine/TPPTS)-Aca-Bombesine(7-14) is niet geschikt voor gelokaliseerde prostaatkankerdetectie in patiënten met bewezen prostaatkanker. *(dit proefschrift)*
5. Het verschil tussen de uitstekende *in vitro* stabiliteit van ^{99m}Tc -Technetium-HYNIC(tricine/TPPTS)-Aca-Bombesine(7-14) in humaan serum en de lage stabiliteit *in vivo* in prostaatkankerpatiënten verdient nadere aandacht. *(dit proefschrift)*
6. De bombesine dimeer ^{111}In -DOTA-[Aca-Bombesine(7-14)]₂ is, op basis van preklinisch onderzoek in een humaan prostaatkanker muis model waarbij uitstekende *in vivo* stabiliteit en hoge tumoropname werden aangetoond, geschikt voor klinische studies. *(dit proefschrift)*
7. Computer games don't affect kids. I mean if Pac-Man had affected us as kids, we'd all be running around in dark rooms, munching pills and listening to repetitive electronic music. *(Marcus Alexander Brigstocke)*
8. You should have expected it. *(Maxim Rybalov)*
9. Im Sommer melken wir die Kühe, im Winter melken wir die Holländer. *(mijn Oostenrijkse skileraar)*
10. Aan 'n ol fiets en 'n jong wief mankeert altied wat. *(Groningse wijsheid)*