



AGuIX nanoparticle-nanobody bioconjugates to target immune checkpoint receptors

Two advanced biofunctionalization pathways have been compared (*i.e.* Sortagging and click chemistry) to label AGuIX ultrasmall nanoparticles by VHH targeting Programmed Death-Ligand 1 (PD-L1) and Cluster of Differentiation 47 (CD47). The specific targeting of AGuIX@VHH has been demonstrated in both *in vitro* and *ex vivo* settings, paving the way for combined targeted immunotherapies, radiotherapy, and cancer imaging.

As featured in:



See François Lux, Needa Brown, Ross Berbeco *et al.*, *Nanoscale*, 2024, **16**, 2347.