

Online Resources

Novel lectin-based chimeric antigen receptors target Gb3-positive tumour cells

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Online Resource 1 Interaction of Gb3-GUVs and mock T cells in live-cell imaging experiments. GUVs and mock T cells were co-incubated for 30 minutes. Mock T cells surrounded and approached GUVs over time. Time series were analysed to calculate the contact percentage between GUVs and mock cells. Scale bar: 10 μm . The time of co-incubation is indicated in minutes.

Online Resource 2 Interaction of Gb3-GUVs and Shiga-CAR T cells in live-cell imaging experiments. GUVs and Shiga CAR-T cells were co-incubated for 30 minutes. Shiga-CAR T cells approached GUVs trying to build contacts. Deformation of GUVs is visible in some areas, which indicates tight Shiga toxin and its receptor Gb3 interaction. Time series were analysed to calculate the contact percentage between GUVs and mock cells. Scale bar: 10 μm . The time of co-incubation is indicated in minutes.