1 Einleitung

„The scanning system recognizes small parts of cellular proteins bound to cell-surface molecules called human leukocyte antigen (HLA), allowing killer T-cells to see what's occurring inside cells by scanning their surface."

„The researchers believe it may work by sensing changes in cellular metabolism which causes different metabolic intermediates to be presented at the cancer cell surface by MR1."

2 Zusammensetzung ("Fotobild der Mauer")

1. Bausteine: (in der „Mauer" sind nur Protein und Lipide)

   a) Proteine: zwischen 20-80 % Massenanteil in Membranen; es gibt periphere und integrale Membranproteine

      i. Transporter: u.a. Lipidtransporter

      ii. Linkers

      iii. Rezeptoren (-> Signaltransduktion)

      iv. Enzyme

   b) Kohlenhydrate:

      i. Glykokalix: