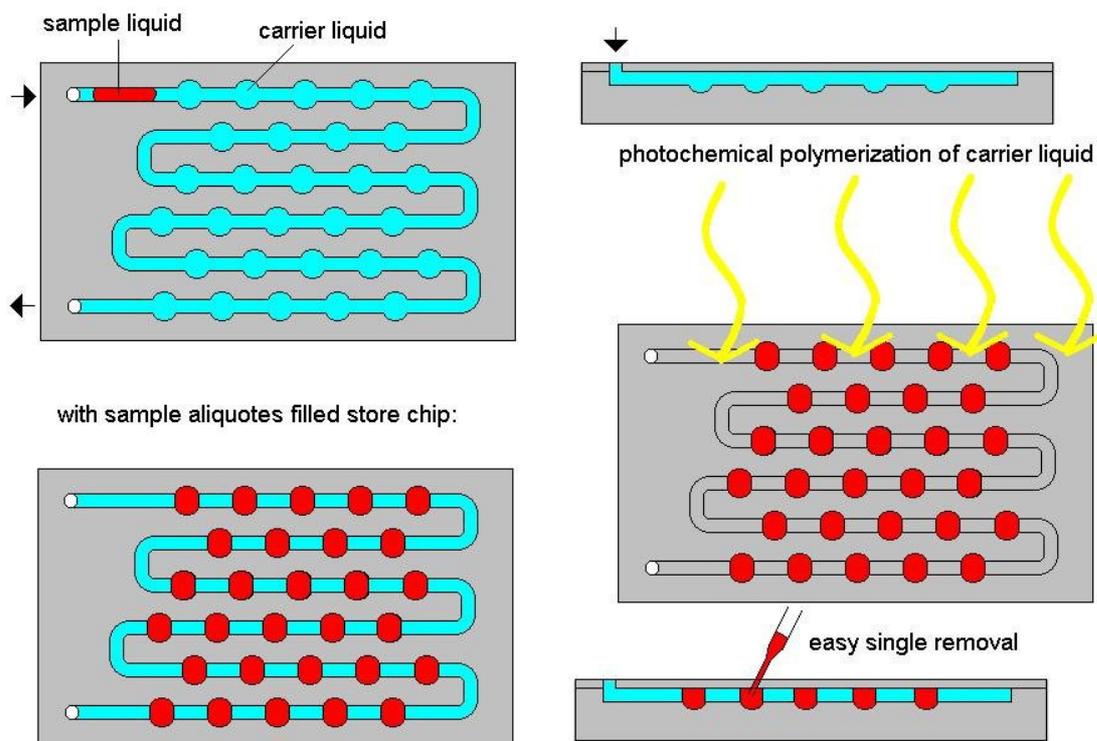


Topic: Cryo Conservation

The cryo conservation of large numbers of tissue and cell samples is a precondition of exploitation of certain cells and genomes in future. This is important for biotechnology as well as for medical applications. So, the cryo conservation of cells or tissue fragments of a baby or an embryo can help some decades later to realize successful therapy of the adult organism in case of health problems, for example.

Micro segmented flow technique supports the fast aliquotation and conservation of small samples for cryo conservation.



Scheme: principle of cryo conservation in a polymeric matrices

Source/Author/Date

Technische Universität Ilmenau, Fakultät für Mathematik und Naturwissenschaften, Institut für Physik, Fachgebiet Physikalische Chemie / Mikroreaktionstechnik, August 2009