How to form a MIP!

All cancer cells bind specific molecules. The molecules (for example a protein or sugar molecule) are called biomarkers and differ between different forms of cancer. The nanoparticle / MIP created to target cancer cells is molded to fit this specific molecule.

What is a MIP?

MIP (molecularly imprinted polymer) is a plastic nanoparticle that you mold to perfectly fit the biomarker you want to find. The small plastic antibodies are about 100 nanometers, that is less than 1 thousand millimeters.

fit the specific biomarker

perfectly - a MIP

