

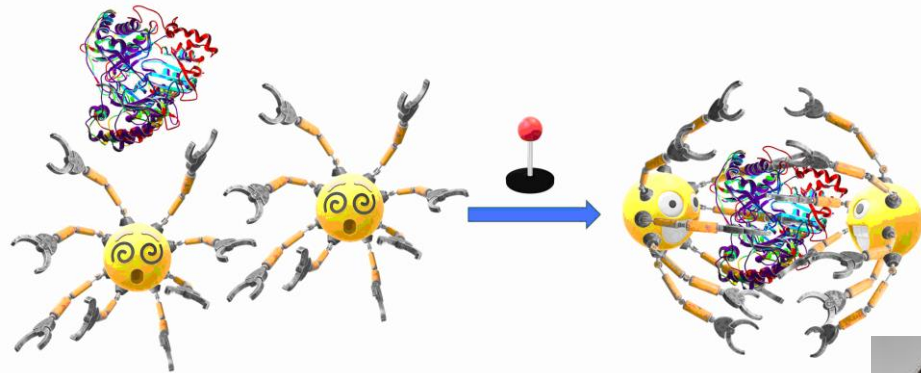
Help us catch the suspect (nanoGame): Polymer-grafted nanoparticles for analyte binding and detection

What we do

We investigate polymer-functionalized nanoparticles with regard to fundamental phenomena and develop new concepts for sensor technology and photocatalytic applications on this basis.

Question

We want to understand how analyte targets can be bound in a controlled manner by polymer-grafted nanoparticles in order to achieve quantitative colorimetric detection of the same in a subsequent step.



We are looking for Bachelor students

who want to work synthetically and have an interest in nanotechnology and bioanalytical detection.

**We look forward
to your response!**

Dr. Christian Roßner
rossner@ipfdd.de

