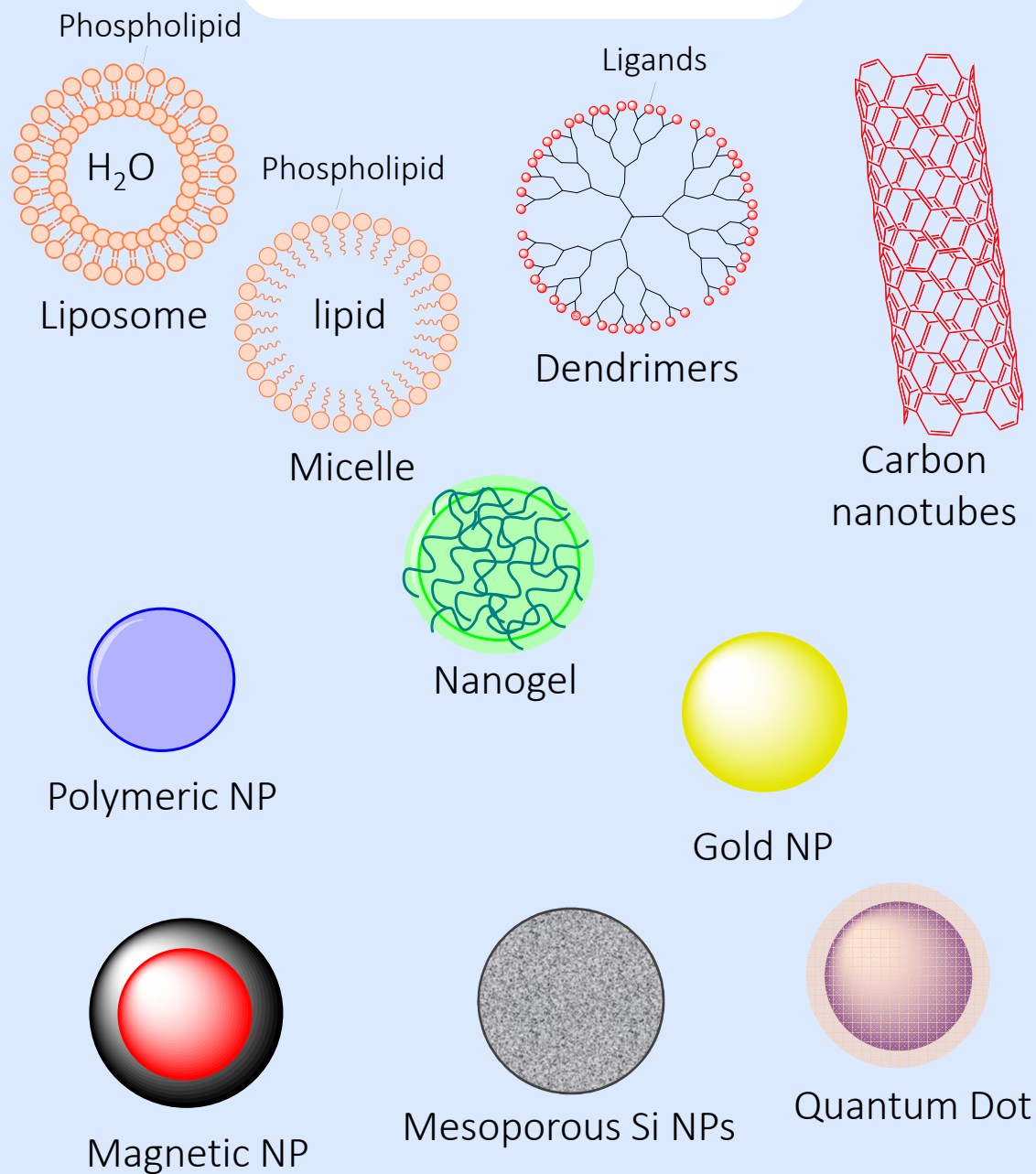


Figure 1

## Nanostructures



## Diagnostics

Humoral tests

Immunoassays

Cellular tests

Mast cell of basophil activation

Lymphocyte proliferation

Allergen delivery

Depot effect

Adjuvants

Boosting of immune response

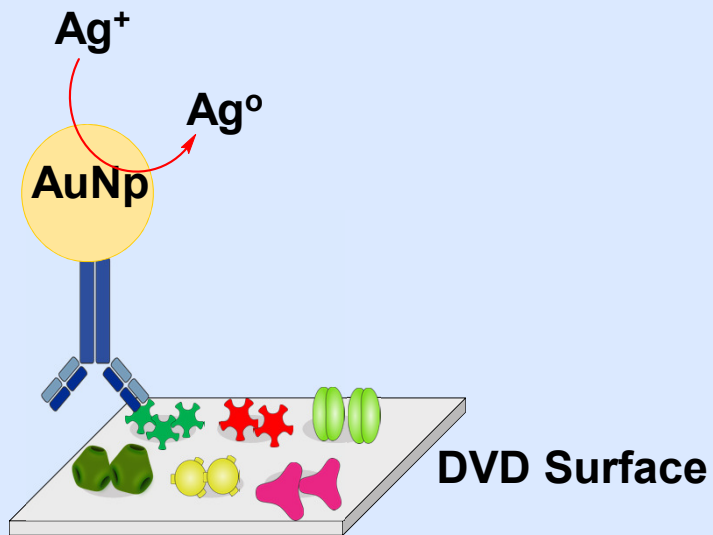
Immune modulation

Lower drug toxicity

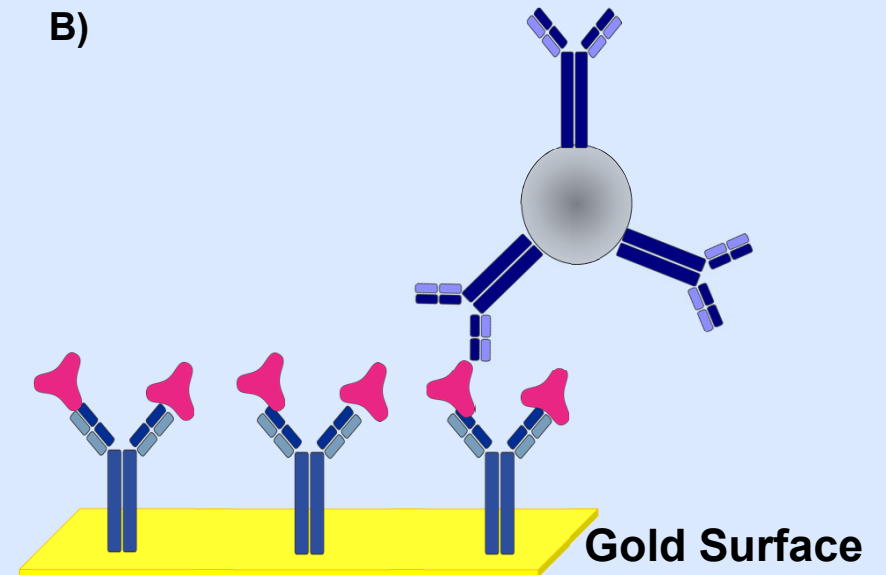
## Treatments

## Nanomaterials amplifying the signal detection in immunoassays

A)

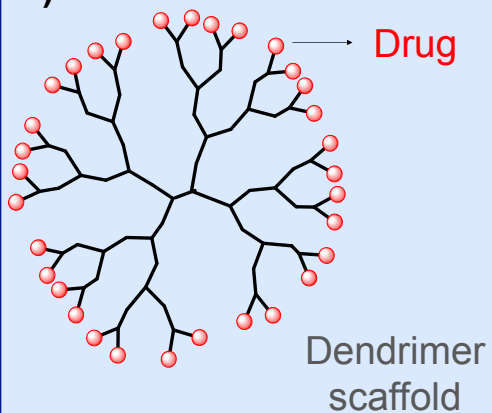


B)



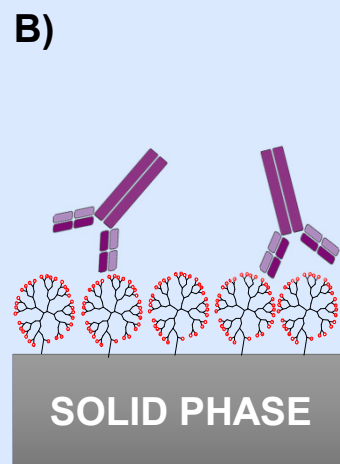
## Dendrimeric Antigens as emulators of drug-protein conjugates in in vitro tests

A)



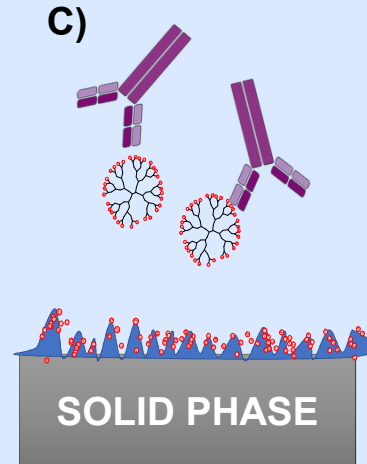
Multivalent  
dendrimeric scaffold

B)

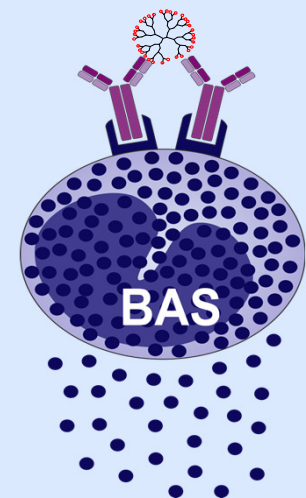


In vitro immunoassay

C)



D)



Basophil activation test

Figure 3

