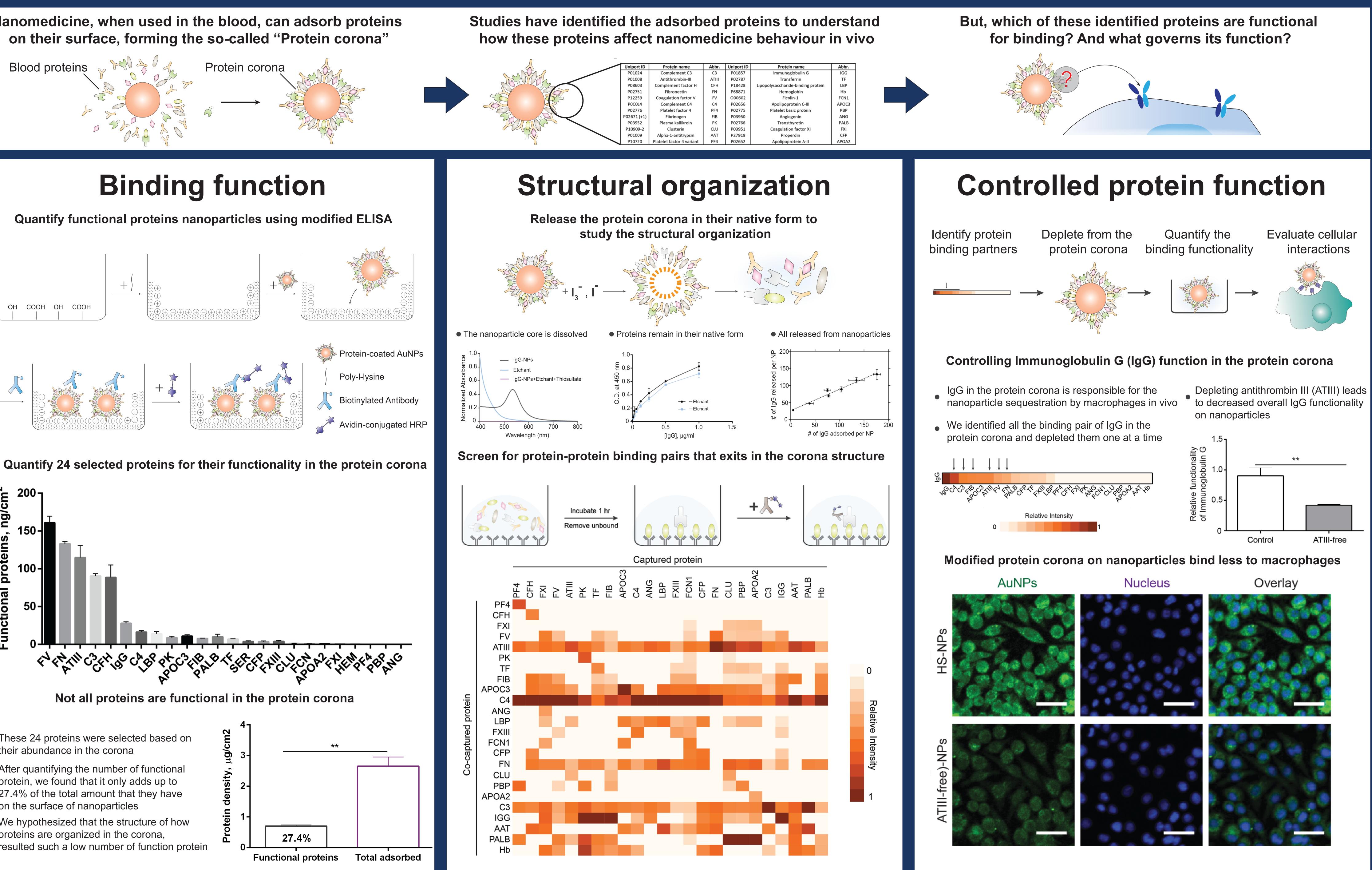
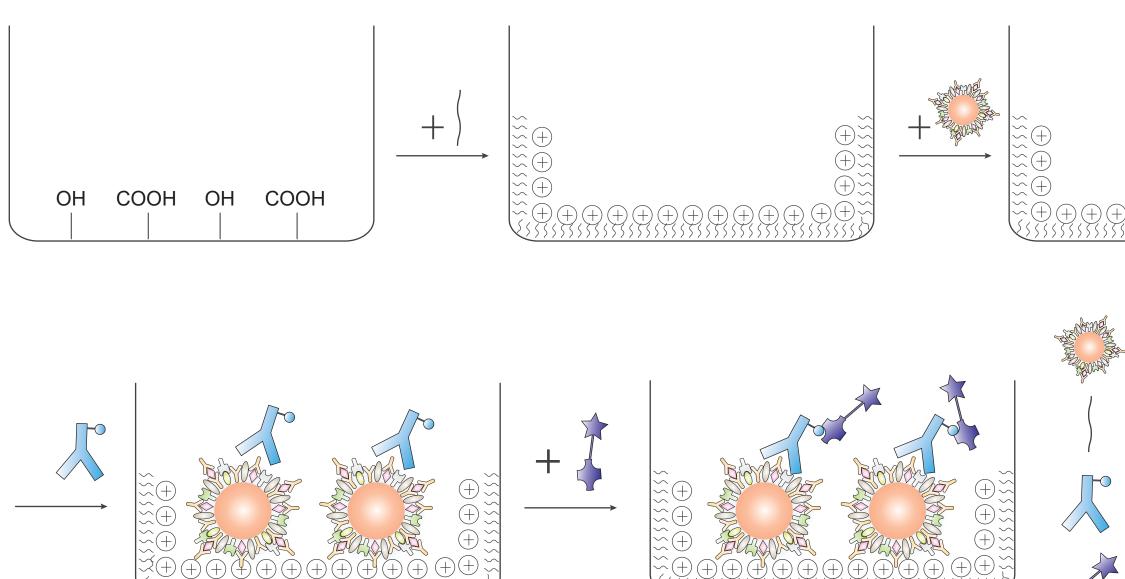
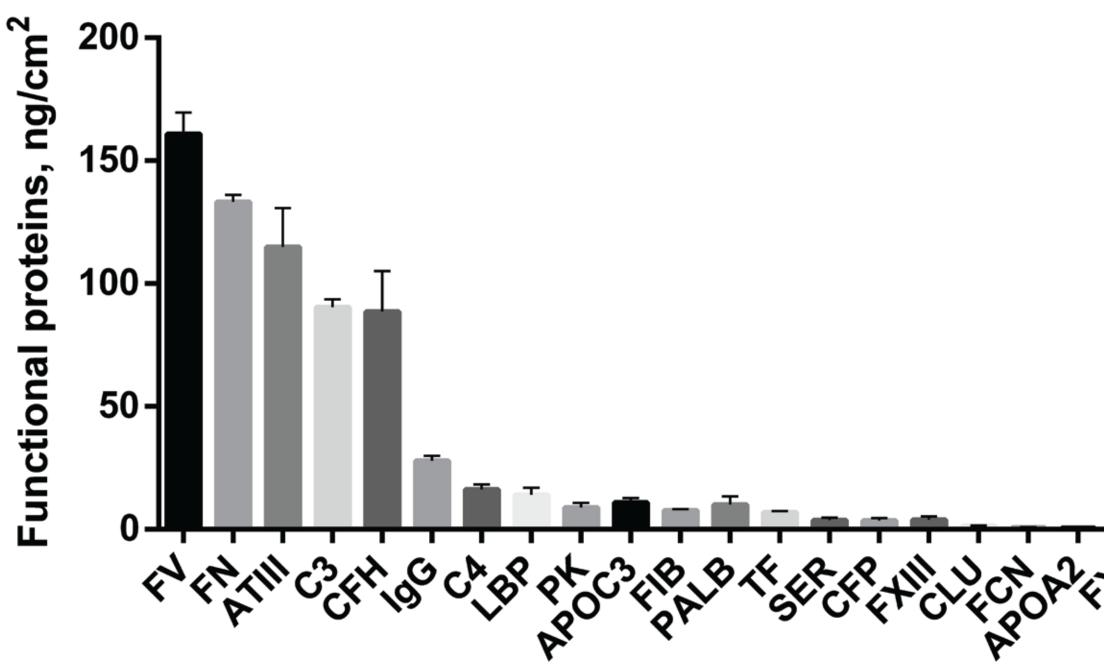
An Analysis of the Binding Function and Structural Organization of the Protein Corona Johnny (Yuwei) Zhang, Jamie L. Y. Wu, James Lazarovits, and Warren Chan

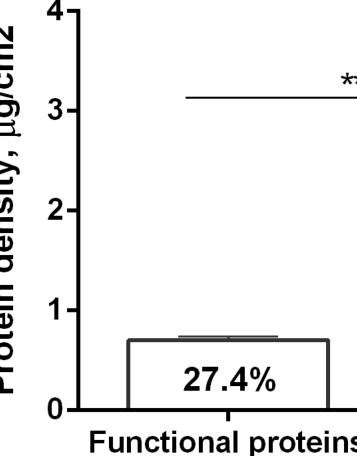
Nanomedicine, when used in the blood, can adsorb proteins on their surface, forming the so-called "Protein corona"





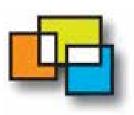


- These 24 proteins were selected based on their abundance in the corona
- After quantifying the number of functional protein, we found that it only adds up to 27.4% of the total amount that they have on the surface of nanoparticles
- We hypothesized that the structure of how proteins are organized in the corona, resulted such a low number of function protein









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