

Supplementary Material

Article

The Adsorption of P2X2 Receptors Interacting with IgG Antibodies Revealed by Combined AFM Imaging and Mechanical Simulation

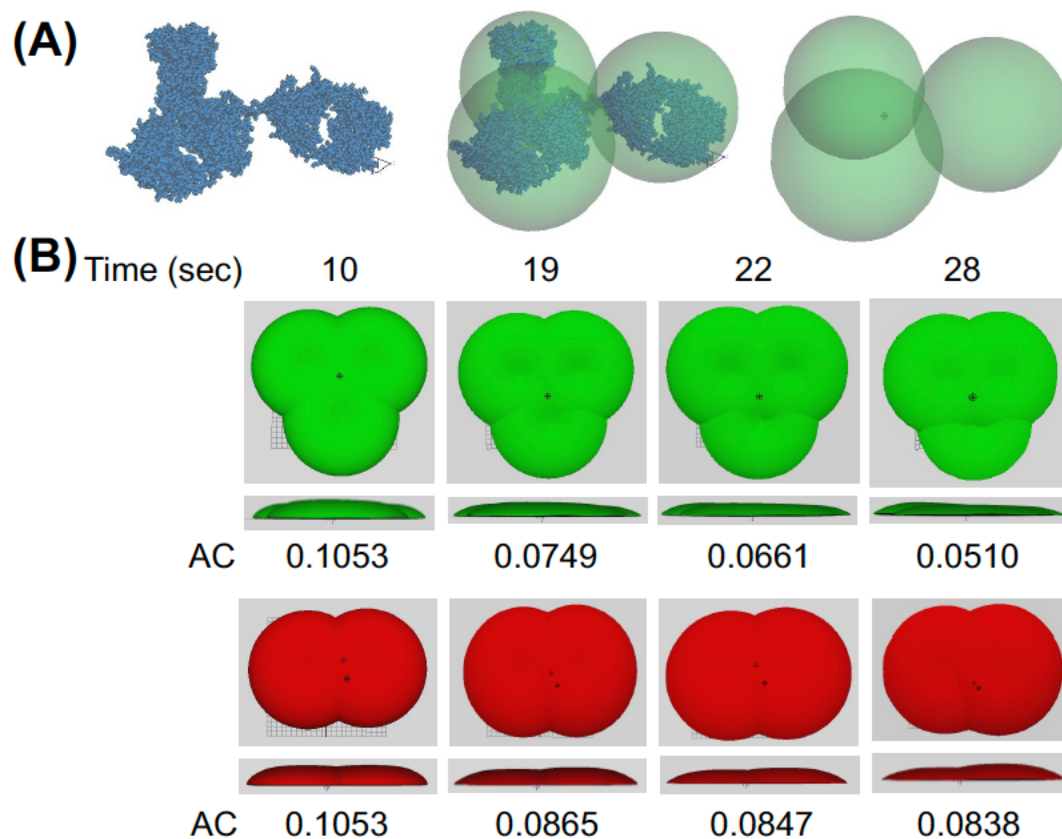
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Supplementary Figure S1. Adsorption analysis of anti-His6 IgG antibody by mechanical simulation under reduced number of interconnected nodes. **(A)** All-atom structural representation model of the IgG antibody (PDB ID: 1HZH) in the extended orientation, followed by the interconnected nodes model and the 3D sphere-like shape model used for simulation., **(B)** Snapshots of the adsorption process of IgG antibody model in extended orientation (top) and up-orientation (bottom). Corresponding time and AC values during adsorption simulations are indicated.