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(54) Title: THERAPEUTIC ANTIGEN-BINDING MOLECULE WITH A FcRn-BINDING DOMAIN THAT PROMOTES ANTIGEN CLEARANCE

(57) Abstract: The present invention provides: a modified FcRn-binding domain having an enhanced affinity for the Fc Receptor neonatal (FcRn) at neutral pH; an antigen-binding molecule comprising said FcRn-binding domain, which has low immunogenicity, high stability and form only a few aggregates; a modified antigen-binding molecule having an increased FcRn-binding activity at neutral or acidic pH without an increased binding activity at neutral pH for a pre-existing anti-drug antibody; use of the antigen-binding molecules for improving antigen-binding molecule-mediated antigen uptake into cells; use of the antigen-binding molecules for reducing the plasma concentration of a specific antigen; use of the modified FcRn-binding domain for increasing the total number of antigens to which a single antigen-binding molecule can bind before its degradation; use of the modified FcRn-binding domain for improving pharmacokinetics of an antigen-binding molecule; methods for decreasing the binding activity for a pre-existing anti-drug antibody; and methods for producing said antigen-binding molecules.