ANTIGEN-BINDING MOLECULE CAPABLE OF BINDING TO PLURALITY OF ANTIGEN MOLECULES REPEATEDLY

ABSTRACT

An objective of the present invention is to provide methods for promoting antigen uptake into cells by antigen-binding molecules, methods for increasing the number of times of antigen binding by one antigen-binding molecule, methods for promoting reduction of the antigen concentration in plasma by administering antigen-binding molecules, and methods for improving the plasma retention of an antigen-binding molecule, as well as antigen-binding molecules that allow enhanced antigen uptake into cells, antigen-binding molecules having an increased number of times of antigen binding, antigen-binding molecules that can promote reduction of the antigen concentration in plasma when administered, antigen-binding molecules with improved plasma retention, pharmaceutical compositions comprising the above antigen-binding molecules, and methods for producing them. The present inventors revealed that the above objective can be achieved by using antigen-binding molecules that show calcium-dependent antigen-antibody reaction.

(No Suitable Figure)