

Basis of the novel concept that antibodies mutually exchange on the receptors**Kimihiro Okazaki**

Okazaki Medical Clinic, Japan

It has long been taken for granted that every antibody molecule rigidly adheres to its receptor on cell surfaces. Needless to say, to take something for granted is not very scientific. Indeed, another concept that an equilibrium state exists among antibody molecules in the vicinity of their receptors has been established since a half century ago. These two concepts obviously disagree with each other. Needless to say, again, the latter concept is more scientific and relevant than the former. It follows that every receptor of antibodies keeps changing antibodies. It still follows that the ratio of certain kind of antibody occupying receptors equals the ratio of that kind of antibody existing in the vicinity of the receptors. Accordingly, antibodies' substitution should take place immediately after a new type of antibody appears. Hence, pathogenic antibodies could be detached from their receptors by producing non-pathogenic antibodies in the patients' bodies. In order to let the patients produce non-pathogenic antibodies, the patients need to receive intradermal injections with non-pathogenic antigens. In conclusion, sufficient time of repetition of intradermal injections with non-pathogenic antigens should bring about complete cures of all of the immunological diseases, i.e. diseases which are caused by pathogenic antibodies.

Biography

Kimihiro Okazaki Born in Osaka in 1933. Graduated from Kyoto University Faculty of Medicine in 1959. Engaged in medical chemical research during April 1960~July, 1981. Started practicing internal medicine in July 1981. Started running a private medical clinic in September 1989.

ma13081x@ma1.seikyoku.ne.jp

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