SYSTEMS AND METHODS TO PRODUCE B CELLS
GENETICALLY MODIFIED TO EXPRESS SELECTED ANTIBODIES

ABSTRACT

Systems and methods to genetically modify B cells to express selected antibodies are described. The systems and methods can be used to: obviate the need for classical vaccinations; provide protection against infectious agents for which no vaccinations are currently available; provide protection against infectious agents when patients are otherwise immune-suppressed; and/or provide a benefit provided by a therapeutic antibody, such as in the treatment of autoimmune disorders.

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