CLAIMS:

1. A composition for treating an inflammatory disease induced by a hyperimmune response, which comprises (i) a chondrocyte or a cell capable of differentiating into a chondrocyte; and (ii) a chondrocyte into which a gene encoding TGF-β (transforming growth factor-beta) is introduced or a cell capable of differentiating into a chondrocyte into which a gene encoding TGF-β is introduced.

2. The composition according to claim 1, wherein the inflammatory disease induced by the hyperimmune response is selected from the group consisting of rheumatoid arthritis, multiple sclerosis, systemic lupus erythematosus, myasthenia gravis, colitis, type 1 diabetes, and encephalitis.

3. The composition according to claim 2, wherein the inflammatory disease induced by the hyperimmune response is rheumatoid arthritis.

4. The composition according to claim 1, wherein the cell capable of differentiating into a chondrocyte is a cartilage precursor cell or a stem cell.

5. The composition according to claim 1, wherein a ratio of (i) a chondrocyte or a cell capable of differentiating into a chondrocyte; and (ii) a chondrocyte into which a gene encoding TGF-β (transforming growth factor-beta) is introduced or a cell capable of differentiating into a chondrocyte into which a gene encoding TGF-β is introduced ranges from 1:1 to 100:1.

6. The composition according to claim 5, wherein the ratio of

(i) a chondrocyte or a cell capable of differentiating into a chondrocyte; and (ii) a chondrocyte into which a gene encoding TGF-β (transforming growth factor-beta) is introduced or a cell capable of differentiating into a chondrocyte into which a gene encoding TGF-β is introduced ranges from 1:1 to 3:1.

7. A method of treating an inflammatory disease induced by a hyperimmune response, which comprises administering to a subject with a composition comprising (i) a chondrocyte or a cell capable of differentiating into a chondrocyte; and (ii) a chondrocyte into which a gene encoding TGF-β is introduced or a cell capable of differentiating into a chondrocyte into which a gene encoding TGF-β is introduced.

8. A use of a composition comprising (i) a chondrocyte or a cell capable of differentiating into a chondrocyte; and (ii) a chondrocyte into which a gene encoding TGF-β is introduced or a cell capable of differentiating into a chondrocyte into which a gene encoding TGF-β is introduced as a therapeutic agent for treating an inflammatory disease induced by a hyperimmune response.

9. A method of increasing cytokine IL-10 expression levels, which comprises administering to a subject with a composition comprising (i) a chondrocyte or a cell capable of differentiating into a chondrocyte; and (ii) a chondrocyte into which a gene encoding TGF-β is introduced or a cell capable of differentiating into a chondrocyte into which a gene encoding TGF-β is introduced.