

Claim 1

Use of a repair agent in the manufacture of a medicament for the repairing of damaged tissue, comprising mesenchymal stem cells cultured in a serum-free medium,
5 wherein the damaged tissue is tissue damage that accompanies chronic renal failure, a chronic kidney disease, cirrhosis, viral hepatitis, alcoholic hepatitis, or non-alcoholic steatohepatitis.

10 Claim 2

The use of claim 1, wherein the repair agent suppresses fibrosis of a living tissue.

Claim 3

15 The use of claim 1, wherein the repair agent suppresses infiltration of an inflammatory cell.

Claim 4

20 The use of claim 1, wherein the repair agent controls activity of a macrophage.

Claim 5

The use in any one of claims 1 through 4, wherein the serum-free medium contains an FGF, a PDGF, an EGF, at
25 least one phospholipid, and at least one fatty acid.

Claim 6

The use in any one of claims 1 through 5, wherein the
mesenchymal stem cells are mesenchymal stem cells which
5 have been selected by screening and are non-tumorigenic.

Claim 7

The use in any one of claims 1 through 6, wherein the
mesenchymal stem cells have been subcultured at least once.

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Claim 8

The use of claim 7, wherein the mesenchymal stem
cells which are being subcultured are detached with use of a
cell detaching agent containing neither a mammal-derived
15 component nor a microorganism-derived component.

Claim 9

The use in any one of claims 1 through 8, wherein the
mesenchymal stem cells are cultured with use of a culture
20 vessel suitable for culture of the mesenchymal stem cells.