

retinal tissue, comprising a ciliary marginal zone stem cell or retinal layer-specific neuron produced by the method according to any one of claims 1 to 13.

5 15. Use of a ciliary marginal zone stem cell or retinal layer-specific neuron produced by the method according to any one of claims 1 to 13 in the manufacture of a medicament for treating a disease due to a disorder of a retinal tissue, wherein an effective amount of the ciliary marginal zone stem cell or
10 retinal layer-specific neuron is to be transplanted to a subject in need of the transplantation.

16. A ciliary marginal zone stem cell or retinal layer-specific neuron produced by the method according to any one of claims 1
15 to 13 for use in the treatment of a disease due to a disorder of a retinal tissue.

17. A reagent for evaluation of toxicity or drug efficacy, comprising a ciliary marginal zone stem cell or retinal layer-specific neuron produced by the method according to any one of
20 claims 1 to 13.

18. A method of evaluating toxicity or drug efficacy of a test substance, comprising bringing a ciliary marginal zone stem
25 cell or retinal layer-specific neuron produced by the method according to any one of claims 1 to 13, into contact with the substance, and assaying an influence of the substance on the cell.

30 19. A retinosphere which contains 80% or more of Rax positive and stage specific embryonic antigen-1 positive cells.