

superhydrophilic, hydrophobic, or structured to prevent adhesion) is usually performed.

CITATION LIST

5 PATENT LITERATURE

[0004]

Patent Literature 1: WO2020/013345

Patent Literature 2: JP2008-061609A

Patent Literature 3: JP2017-77241A

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SUMMARY ~~OF INVENTION~~

[0004a]

In a first aspect of the present disclosure, there is provided a culture material for culturing cells, a tissue, or an organ on a culture surface thereof, the culture material comprising a 4-methyl-1-pentene polymer (X), having a water contact angle of the culture surface of more than 100° and 160° or less, and having an oxygen permeability at a temperature of 23°C and humidity of 0% of 4500 to 90000 cm³/(m²×24h×atm).

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[0004b]

In another aspect of the present disclosure, there is provided a culture tool comprising at least a culture surface formed of the culture material as disclosed herein.

[0004c]

In a further aspect of the present disclosure, there is provided a method for culturing cells, a tissue, or an organ, the method comprising:

5 a step (A) of contacting the cells, tissue, or organ with the culture surface of the culture material as disclosed herein or the culture tool as disclosed herein; and

a step (B) of culturing the cells, tissue, or organ in contact with the culture surface to form a spheroid.

10 TECHNICAL PROBLEM

[0005]

The present invention was made in consideration of the above circumstances, and addresses the problem of providing a culture material and a culture tool, which allow to culture cells, etc. to form a spheroid. The present invention also addresses the problem of providing a culture material and a culture tool that have excellent shape stability, are capable of achieving an oxygen environment suitable for the culture of cells, tissues, or organs, do not emit autofluorescence and impair the observability of the cells, and is less subject to drug sorption. Furthermore, the present invention addresses the problem of providing a culture material and a