CULTURE VESSEL AND CULTURE METHOD

ABSTRACT

Provided is a culture chamber capable of preparing spheroids with a uniform size with high efficiency and having a micro-space structure which is designed to facilitate replacement of a medium and harvesting of cells. The culture chamber includes a plurality of recesses (10) each formed of a bottom portion (11) and an opening portion (12). The bottom portion (11) has one of a hemispherical shape and a truncated cone shape and the opening portion (12) is defined by a wall that surrounds an area from a boundary between the opening portion (12) and the bottom portion (11) to an end of each of the recesses (10), the wall having a taper angle in a range from 1 degree to 20 degrees. An equivalent diameter of the boundary is in a range from 50 μm to 2 mm and a depth from a bottom of the bottom portion (11) to the end of each of the recesses is in a range from 0.6 or more times to 3 or less times the equivalent diameter, and the wall defining the opening portion (12) forms a surface continuous to the bottom portion (11) and an inclination of the continuous surface changes at the boundary.

[Figure 2]