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ABSTRACT

To provide a cell culture apparatus capable of accurately measuring the dose responses of the cells to the different values of the electric current even when the nature and the number of cells vary because of the difference in the timing of the setting of the cells due to the divided timing.

To provide a cell culture apparatus comprising the membranes differing in area, 22, 25, 27, connected in series with the electric current circuit system, as the means for supplying at least two currents differing in the current density to the cells deposited on each culture medium in the vessel 16.