

PERFUSION BIOREACTOR PLATFORM

ABSTRACT

A cell culture apparatus includes one or more plates having a first major surface and an opposing second major surface. The first major surface comprises a structured surface defining a plurality of wells. Each well has an interior surface defining an upper aperture and a nadir, wherein the upper aperture of each well has a diametric dimension in a range from 100 micrometers to 2000 micrometers. The apparatus also includes a plurality of spacers extending from the first major surface along a length of the bottom surface. A plurality of flow channels are defined between adjacent rails.

[FIG. 15B]