

ABSTRACT**CELL CULTURE SYSTEM**

The embodiments of the invention described herein relate to systems and methods for culturing and/or maintaining intestinal cells, tissues and/or organoids in vitro. The cells,
5 tissues and/or organoids cultured according to the methods and systems described herein can mimic or reproduce natural intestinal epithelial structures and behavior as well as support co-culture of intestinal microflora.

Figure 12A