METHODS AND SYSTEMS FOR IMPLANTABLE MEDICAL DEVICES AND VASCULARIZATION MEMBRANES

ABSTRACT

An implantable medical device and methods for making and using the same are provided. In various embodiments, the device comprises a central hub structure in communication with at least one housing or pod capable of containing cells and therapeutic materials. Also provided are membrane structures and methods of forming the same, the membranes comprising a gradient of varying porosity for use with devices of the present disclosure, as well as other uses.

FIG. 7