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(54) Title: HYBRID DEVICE FOR CELL THERAPIES

(57) Abstract: A device for receiving implanted biological material includes a porous outer wall defining an inner space, a fluid manifold assembly for selectively infusing at least one immunosuppressive and growth factor media to said space, and a pump structure operatively coupled to the manifold assembly. The device may comprise an additional plunger body for being disposed in said space and so as to define a peripheral gap between the plunger and the perforated wall of the device.



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