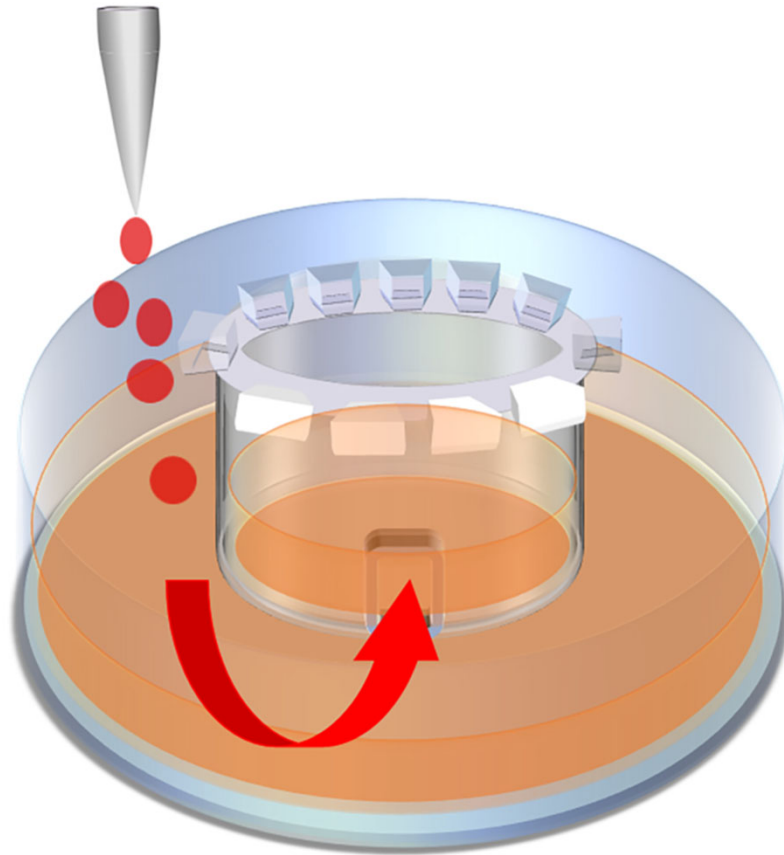


Characterization of immune response to 3D cell cultures



1. Establish 3D cell cultures in TheraKan™ devices, matrix and cell types to be defined by user. Recommended starting cell number for 3D cultures : 100,000 cells/250 μ l matrix.
2. Place in test chambers; test chamber size dependent on user. Recommended test chamber size: 6 well plate.
3. Open devices. Pipet immune cells into test chambers; recommended starting number of immune cells: 500,000 cells/4 ml volume.
4. Incubate for defined time point(s), which may need to be defined by user. Recommended starting endpoint: 24 hours. Shorten or lengthen duration as needed.
5. Assess immune cell migration and activity into devices by flow cytometry, biochemical or histological approaches. If immune cells are labeled with a fluorochrome, use an inverted fluorescence microscope to detect cells in devices.