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Rwilliamson@umc.edu HOWARD-CLAUDIO, CANDACE M Assistant Professor RADIOLOGY Biomedical Sciences
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Engineering Stem Cells For Biomedical Applications

Applications Of Engineered Stem Cells Have Primarily Focused On Regenerative Medicine. In Particular, Studies Have Concentrated On Engineering Stem Cells For The Regeneration Of Cardiac, Neural, And Orthopedic Tissues. [3,10] For Instance, Engineered Neural Stem Cells (NSCs) Can Be Transplanted Following Central Aug 8th, 2022

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UV-light Actuated Droplet Manipulation System To Overcome These Problems. Masao (1998) Manipulated The Droplet Under Different Surface Tension From Variable Static Electricity. The Volume Of The Droplet Is 1uL, And The Fastest Moving Rate Is 400um/sec[1]. Pascale (2001) Manipulated The Droplet By Hydrophobic Powder (Silane-treated Lycopodium). Jun 6th, 2022

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