



Review Paper

Therapeutic Delivery of Stromal Cell-Derived Factor-1 for Injury Repair

Agnes Yeboah, Martin L. Yarmush, Francois Berthiaume

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Nanostructured Materials for Healthcare Part IV; Guest Editors: Xu Li and Haifei Zhang

Biocompatible Carbon Dots Clusters with Tunable Sizes for Bioimaging Application

Guan Wang, Junlong Geng, Ye Liu

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Living Wires — Effects of Size and Coating of Gold Nanoparticles in Altering the Electrical Properties of *Physarum polycephalum* and Lettuce Seedlings

Nina Gizzie, Richard Mayne, Shlomo Yitzchaik, Muhamad Iqbal, Andrew Adamatzky

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Growth of Self-Assembled Bio-Organic Nanomatrices for Skin Tissue Engineering — An *in vitro* Study

Yolien S. Miranda-Alarcón, Alexandra M. Brown, Anthony M. Santora, Ipsita A. Banerjee

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PPAR Agonists and 3D Alginate Encapsulation Accelerate Oligodendrocyte Differentiation of Mouse Embryonic Stem Cells

Jean-Pierre Dollé, Rene S. Schloss, Martin L. Yarmush

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The Effects of Gold Nanoparticles Deposition on the Surface of TiO₂ Nanorods for Solar Water Splitting Applications

Timur Sh. Atabaev

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