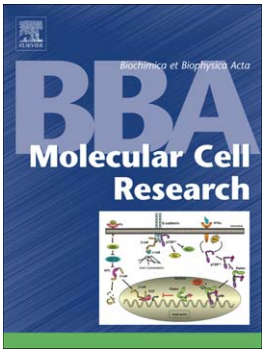

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Cardiomyocytes from human pluripotent stem cells: From laboratory curiosity to industrial biomedical platform

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Key words: human embryonic stem cells; human induced pluripotent stem cells; Cas9/CRISPR genome editing; cardiomyocytes; drug screening; disease modelling; maturation factors; muscular thin films; engineered heart tissue; automated scalability; high content platforms; calcium imaging; electrophysiology; mitochondria; contractility.

Running title: hPSC-CMs: From laboratory to industry

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