

RAT CARDIOMYOCYTES

<p>Apoptotic Cell Death in Cardiomyocytes Induced by Hypoxia from Cobalt Chloride Is Hastened by SGLT-1 Inhibition</p>	<p>Abhinav Kanwal, Lu Liu Puneet, Kumar Bansal et. al. Applied In Vitro Toxicology 2023. VOL. 9, NO. 3</p>
<p>Mitochondrial Transfer Induced by Adipose-Derived Mesenchymal Stem Cell Transplantation Improves Cardiac Function in Rat Models of Ischemic Cardiomyopathy</p>	<p>Daisuke Mori, Shigeru Miyagawa, et. al. Cell Transplantation 2023. 32: 1–12</p>
<p>Toward a Physiologically Relevant 3D Helicoidal-Oriented Cardiac Model: Simultaneous Application of Mechanical Stimulation and Surface Topography</p>	<p>Fatemeh Navaee, Philippe Renaud, Niccolò Piacentini et al. Bioengineering 2023, 10, 266. https://doi.org/10.3390/bioengi</p>
<p>Carvedilol Selectively Stimulates Arrestin2-Dependent SERCA2a Activity in Cardiomyocytes to Augment Contractility</p>	<p>Jennifer Maning, Victoria L. Desimine et. al. Int. J. Mol. Sci. 2022. 23, 11315. https://doi.org/10.3390/ijms231911315</p>
<p><u>Volume adaptation of neonatal cardiomyocyte spheroids in 3D stiffness gradient GelMA</u></p>	<p>J Biomed Mater Res A . 2022 Oct 14. doi: 10.1002/jbm.a.37456</p>
<p><u>Carvedilol Selectively Stimulates βArrestin2-Dependent SERCA2a Activity in Cardiomyocytes to Augment Contractility</u></p>	<p>Int J Mol Sci . 2022 Sep 26;23(19):11315. doi: 10.3390/ijms231911315.</p>
<p><u>Hypoxia inhibits the cardiac I K1 current through SUMO targeting Kir2.1 activation by PIP2</u></p>	<p>iScience . 2022 Aug 17;25(9):104969. doi: 10.1016/j.isci.2022.104969.</p>
<p><u>Simultaneous recording of electrical and metabolic activity of cardiac cells in vitro using an organic charge modulated field effect transistor array</u></p>	<p>Front Bioeng Biotechnol. 2022; 10: 945575. doi: 10.3389/fbioe.2022.945575</p>
<p><u>Macrophage-NLRP3 Activation Promotes Right Ventricle Failure in Pulmonary Arterial Hypertension</u></p>	<p>Am J Respir Crit Care Med . 2022 Sep 1;206(5):608-624. doi: 10.1164/rccm.202110-2274OC</p>
<p><u>AFM and Fluorescence Microscopy of Single Cells with Simultaneous Mechanical Stimulation via Electrically Stretchable Substrates</u></p>	<p>Materials (Basel). 2021 Aug; 14(15): 4131. Published online 2021 Jul 24. doi: https://doi.org/10.3390/ma14154131</p>

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Cardiotoxicity of the Anticancer Therapeutic Agent Bortezomib

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