

	Title	Year
1	<u>Development of a bacterial cellulose-gelatin composite as a suitable scaffold for cardiac tissue engineering</u>	2024
2	<u>Assessment of ursolic acid effect on in vitro model of cardiac fibrosis</u>	2024
3	<u>Preparation of Thermoplastic polyurethane/Chitosan/Sodium alginate scaffold and evaluation of its biocompatibility for vascular tissue engineering</u>	2024
4	<u>Electrospinning in cardiac tissue engineering</u>	2024
5	<u>Self-healing hydrogel</u>	2024
6	<u>Assessment of ursolic acid on in vitro model of cardiac fibrosis</u>	2023
7	<u>Crocin and its therapeutics properties</u>	2023
8	<u>The potential of <i>Bacillus</i> and <i>Enterococcus</i> probiotic strains to combat <i>helicobacter pylori</i> attachment to the biotic and abiotic surfaces</u>	2023
9	<u>Identification of a new splice-acceptor mutation in HFM1 and functional analysis through molecular docking in nonobstructive azoospermia</u>	2022
10	<u>Escherichia coli enhances the virulence factors of Candida albicans, the cause of vulvovaginal candidiasis, in a dual bacterial/fungal biofilm</u>	2021
11	<u>Role of microRNAs in etiology of azoospermia and their application as non-invasive biomarkers in diagnosis of azoospermic patients</u>	2021
12	<u>The proarrhythmic features of pathological cardiac hypertrophy in neonatal rat ventricular cardiomyocyte cultures</u>	2020
13	<u>T-Box20 inhibits osteogenic differentiation in adipose-derived human mesenchymal stem cells: the role of T-Box20 on osteogenesis</u>	2019
14	<u>Role of microRNAs in osteogenesis of stem cells</u>	2019

15	<u>Overexpression of MicroRNA-148b-3p stimulates osteogenesis of human bone marrow-derived mesenchymal stem cells: the role of MicroRNA-148b-3p in osteogenesis</u>	2019
16	<u>Cardiomyogenic differentiation of human adipose-derived mesenchymal stem cells transduced with <i>Tbx20</i>-encoding lentiviral vectors</u>	2018
17	<u>Transduced mesenchymal stem cells and cardiomyogenic differentiation</u>	2018
18	<u>MicroRNA-499a-5p promotes differentiation of human bone marrow-derived mesenchymal stem cells to cardiomyocytes</u>	2018
19	<u>Constitutively active acetylcholine-dependent potassium current increases atrial defibrillation threshold by favoring post-shock re-initiation</u>	2015
20	<u>Light-induced termination of spiral wave arrhythmias by optogenetic engineering of atrial cardiomyocytes</u>	2014
21	<u>Hematopoietic microRNA-126 protects against renal ischemia/reperfusion injury by promoting vascular integrity</u>	2014
22	<u>Development of a lentivirus vector-based assay for non-destructive monitoring of cell fusion activity</u>	2014
23	<u>Atrium-specific Kir3. x determines inducibility, dynamics, and termination of fibrillation by regulating restitution-driven alternans</u>	2013
24	<u>Generation of helper plasmids encoding mutant adeno-associated virus type 2 capsid proteins with increased resistance against proteasomal degradation</u>	2013
25	<u>Development of a new model of cardiac hypertrophy with pro-arrhythmic features to study the role of hypertrophy in arrhythmogenesis</u>	2013
26	<u>Evaluating the biodegradability of Gelatin/Siloxane/Hydroxyapatite (GS-Hyd) complex in vivo and its ability for adhesion and proliferation of rat bone marrow mesenchymal stem cells</u>	2012

27	<u>Comparative analysis of chemokine receptor's expression in mesenchymal stem cells derived from human bone marrow and adipose tissue</u>	2011
28	<u>Differentiation of mesenchymal stem cells to insulin-producing cells and their impact on type 1 diabetic rats</u>	2010
29	<u>Systemic transplantation of mesenchymal stem cells can reduce cognitive and motor deficits in rats with unilateral lesions of the neostriatum</u>	2010
30	<u>Mogoltacin enhances vincristine cytotoxicity in human transitional cell carcinoma (TCC) cell line</u>	2009
31	<u>Microanatomical evidences for potential of mesenchymal stem cells in amelioration of striatal degeneration</u>	2008

Conference Articles:

<u>Investigation of chromosomal abnormalities in men with non-syndromic non-obstructive azoospermia</u>	2020
<u>Evaluation of cardiomyocyte s interaction with bacterial cellulose scaffold</u>	2019
<u>MicroRNAs and azoospermia</u>	2019
<u>oleanolic acid and ursolic acid induce hypertrophy in neonatal ventricular cardiomyocytes</u>	2018
<u>Designing and Constructing the Lentiviral Vector Coding miRNA-499a and Transduction of Human Mesenchymal Stem Cells</u>	2018
<u>Application of the bacterial cellulose as a bioscaffold</u>	2018
<u>Genetic basis of Autism a neurogenetic complex disease</u>	2018
<u>One Step toward Normal Heart Beat by Biological Pacemaker</u>	2017
<u>The Effect of MicroRNAs on Bone Regeneration and Differentiation</u>	2017
<u>Differentiation of mesenchymal stem cells to cardiomyocytes using lentiviral vectors carrying TBX-20</u>	2017
<u>Novel Approaches for Muscular Dystrophy Treatment</u>	2017
<u>Overexpression of microRNAs osteogenic and cardiogenic differentiation</u>	2017

<u>Gene Therapy; Pros and Cons</u>	2016
<u>Creating new trans-species types of myocytes By forced fusion between cardiomyocytes And fibroblasts to counteract arrhythmias: Breaking boundaries with muscular mixtures.</u>	2015
<u>OIO-NFAT3 Gene Transfer to Prevent the Pro-arrhythmic Changes in Pathological Cardiac Hypertrophy</u>	2015
<u>Cellular models and viral vectors for skeletal and cardiac muscle research</u>	2014
<u>NFAT3 gene transfer to counteract the pro-arrhythmic electrophysiological changes accompanying pathological cardiac hypertrophy</u>	2014
<u>Hematopoietic overexpression of miR-126 promotes vasculogenesis and protects against renal ischemia reperfusion injury by promoting vascular integrity</u>	2014
<u>PI13 Inward rectifier potassium channels determine cardioversion threshold and successrate by regulating post-shock refrillation</u>	2014
<u>Investigation of the Pro-arrhythmic Features of Pathological Cardiac Hypertrophy in Neonatal Rat Ventricular Cardiomyocyte Cultures</u>	2014
<u>An In Vitro Model of Early-or No-Reperfusion Scars to Explain How Clinical Reentrant Arrhythmia Characteristics May Relate to Therapeutic Efficacy</u>	2014
<u>Comparative Analysis of Chemokine Receptors Expression in Mesenchymal Stem Cells Derived From Human Bone Marrow and Adipose Tissue</u>	2011
<u>Mogoltacin enhances vincristine cytotoxicity in human Transitional cell carcinoma</u>	2008
<u>CELLULAR ELECTROPHYSIOLOGY</u>	