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Publications 2020

Stem cell function is conserved during short-term storage of cultured epidermal cell sheets at 12°C

Ringstad H, Reppe S, Schøyen T, Tønseth K, Utheim T, et. al.

PLOS ONE

Editors:

Lako M

2020 vol: 15 (5) pp: e023227

Neuronal activity increases translocator protein (TSPO) levels

Notter T, Schalbetter S, Clifton N, Mattei D, Richetto J, et. al.

Molecular Psychiatry

2021 vol: 26 (6) pp: 2025-2037

Histidyl-Proline Diketopiperazine Isomers as Multipotent Anti-Alzheimer Drug Candidates

Turkez H, Cacciatore I, Arslan M, Fornasari E, Marinelli L, et. al.

Biomolecules

2020 vol: 10 (5) pp: 737

Characteristics of global port phytoplankton and implications for current ballast water regulations

Soler-Figueroa B, Fontaine D, Carney K, Ruiz G, Tamburri M

Marine Pollution Bulletin

2020 vol: 155 pp: 111165

Bengamide Analogues Show A Potent Antitumor Activity against Colon Cancer Cells: A Preliminary Study

García-Pinel B, Porras-Alcalá C, Cabeza L, Ortiz R, Prados J, et. al.

Marine Drugs

2020 vol: 18 (5) pp: 240

LIPUS promotes synthesis and secretion of extracellular matrix and reduces cell apoptosis in human osteoarthritis through upregulation of SOX9 expression.

Ding W, Du D, Chen S

International journal of clinical and experimental pathology
2020 vol: 13 (4) pp: 810-817

A highly accurate methodology for the prediction and correlation of mechanical properties based on the slinness ratio of additively manufactured tensile test specimens

Moura L, Vittoria G, Gabriel A, Fonseca E, Gabriel L, et. al.
Journal of Materials Science
2020 vol: 55 (22) pp: 9578-9596

Does 2D correlation Raman spectroscopy distinguish polymer nanomaterials due to the nanoaddition?

Wesółucha-Birczyńska A, Kołodziej A, Świętek M, Moskal P, Skalniak Ł, et. al.
Journal of Molecular Structure
2020 vol: 1217 pp: 128342

Integration of Fe₃O₄ with Bi₂S₃ for Multi-Modality Tumor Theranostics

Luo K, Zhao J, Jia C, Chen Y, Zhang Z, et. al.
ACS Applied Materials & Interfaces
2020 vol: 12 (20) pp: 22650-22660

A nontoxic biocompatible nanocomposite comprising black phosphorus with Au-γ-Fe₂O₃ nanoparticles

Naskar A, Kim S, Kim K
RSC Advances
2020 vol: 10 (27) pp: 16162-16167

Effective nanotherapeutic approach for metastatic breast cancer treatment by supplemental oxygenation and imaging-guided phototherapy

Hu J, Wang F, Liu F, Sun W, Jiang Q, et. al.
Nano Research
2020 vol: 13 (4) pp: 1111-1121

Molecular mechanism of the effect of angiopoietin-like protein 8 on the proliferation, invasion and migration of placental trophoblasts in preeclampsia

Wang W, Li X, Ji D
Experimental and Therapeutic Medicine
2020 vol: 19 (6) pp: 3461-3468

A 2D-Raman correlation spectroscopy study of the interaction of the polymer nanocomposites with carbon nanotubes and human osteoblast-like cells interface

Kołodziej A, Wesółucha-Birczyńska A, Świętek M, Skalniak Ł, Błażewicz M

Journal of Molecular Structure
2020 vol: 1212 pp: 128135

Successive Passage In Vitro Led to Lower Virulence and Higher Titer of A Variant Porcine Epidemic Diarrhea Virus

Zhao P, Wang S, Chen Z, Yu J, Tang R, et. al.
Viruses
2020 vol: 12 (4) pp: 391

Phototoxic effects of a genetically-encoded photosensitizer miniSOG in tumor spheroids induced by continuous wave or pulsed laser irradiation

Yuzhakova D, Shirmanova M, Lukina M, Gavrina A, Izosimova A, et. al.
Biomedical Spectroscopy, Microscopy, and Imaging
Editors: Popp J Gergely C
Publisher: SPIE
2020 vol: 11359 pp: 35

Effects of biofumigant crop termination methods on suppression of plant-parasitic nematodes

Waisen P, Cheng Z, Sipes B, DeFrank J, Marahatta S, et. al.
Applied Soil Ecology
2020 vol: 154 pp: 103595

Irreversible disruption of the cytoskeleton as induced by non-cytotoxic exposure to titanium dioxide nanoparticles in lung epithelial cells

Déciga-Alcaraz A, Delgado-Buenrostro N, Ispanixtlahuatl-Meráz O, Freyre-Fonseca V, Flores-Flores J, et. al.
Chemico-Biological Interactions
2020 vol: 323 pp: 109063

Acetylation of A β 42 at Lysine 16 Disrupts Amyloid Formation

Adhikari R, Yang M, Saikia N, Dutta C, Alharbi W, et. al.
ACS Chemical Neuroscience
2020 vol: 11 (8) pp: 1178-1191

Metastasis-associated fibroblasts promote angiogenesis in metastasized pancreatic cancer via the CXCL8 and the CCL2 axes

Pausch T, Aue E, Wirsik N, Freire Valls A, Shen Y, et. al.
Scientific Reports
2020 vol: 10 (1) pp: 5420

The origin of genomic N6-methyl-deoxyadenosine in mammalian cells

Musheev M, Baumgärtner A, Krebs L, Niehrs C

Nature Chemical Biology

2020 vol: 16 (6) pp: 630-634

Diatom bloom in the Amba River, west coast of India: A nutrient-enriched tropical river-fed estuary

Karthik R, Robin R, Anandavelu I, Purvaja R, Singh G, et. al.

Regional Studies in Marine Science

2020 vol: 35 pp: 101244

Separation of influenza virus-like particles from baculovirus by polymer-grafted anion exchanger

Reiter K, Pereira Aguilar P, Grammelhofer D, Joseph J, Steppert P, et. al.

Journal of Separation Science

2020 vol: 43 (12) pp: 2270-2278

Oleanolic Acid Ameliorates Benign Prostatic Hyperplasia by Regulating PCNA-Dependent Cell Cycle Progression In Vivo and In Vitro

Cheon S Jin B Kim H An H

Journal of Natural Products

2020 vol: 83 (4) pp: 1183-1189

Pinitol suppresses TNF- α -induced chondrocyte senescence

Lou C Deng A Zheng H Sun G Zhao H et. al.

Cytokine

2020 vol: 130 pp: 155047

Rapid Nickel-based Isolation of Extracellular Vesicles from Different Biological Fluids

Notarangelo M Ferrara D Potrich C et. al.

BIO-PROTOCOL, 2020

In vitro production of porcine embryos with use of chemically semi-defined culture media system

Urbán Duarte D, Álvarez Gallardo H, Pérez Reynoso S, De la Torre Sánchez J, Sánchez J

Revista Mexicana de Ciencias Pecuarias

2020 vol: 11 (1) pp: 102-115

Appraising the potential of Zr-based biomedical alloys to reduce magnetic resonance imaging artifacts

Suzuki A, Campo K, Fonseca E, Araújo L, Gandra F, et. al.

Scientific Reports
2020 vol: 10 (1) pp: 2621

TNF- α antagonists differentially induce TGF- β 1-dependent resuscitation of dormant-like *Mycobacterium tuberculosis*

Arbués A, Brees D, Chibout S, Fox T, Kammüller M, et. al.
PLOS Pathogens
Editors: Hawn T
2020 vol: 16 (2) pp: e1008312

Modelling of pancreatic cancer biology: transcriptomic signature for 3D PDX-derived organoids and primary cell line organoid development

Nelson S, Zhang C, Roche S, O'Neill F, Swan N, et. al.
Scientific Reports
2020 vol: 10 (1) pp: 2778

Appraising the potential of Zr-based biomedical alloys to reduce magnetic resonance imaging artifacts

Suzuki A, Campo K, Fonseca E, Araújo L, Gandra F, et. al.
Scientific Reports
2020 vol: 10 (1) pp: 2621

IGF1-mediated human embryonic stem cell self-renewal recapitulates the embryonic niche

Wamaitha S, Grybel K, Alanis-Lobato G, Gerri C, Ogushi S, et. al.
Nature Communications
2020 vol: 11 (1) pp: 764

Influence of diamond crystal orientation on the interaction with biological matter

Damle V, Wu K, De Luca O, Ortí-Casañ N, Norouzi N, et. al.
Carbon
2020 vol: 162 pp: 1-12

Influence of pH on the stability and structure of single casein microparticles

Schulte J, Stöckermann M, Gebhardt R
Food Hydrocolloids
2020 vol: 105 pp: 105741

Simultaneous formation of non-oxidovanadium(IV) and oxidovanadium(V) complexes incorporating phenol-based hydrazone ligands in aerobic conditions

Biswas N, Bera S, Sepay N, Pal A, Halder T, et. al.
New Journal of Chemistry
2020 vol: 44 (9) pp: 3700-3716

High-Efficiency Small Sample Microparticle Fractionation on a Femtosecond Laser-Machined Microfluidic Disc

Al-Halhouli A, Doofesh Z, Albagdady A, Dietzel A

Micromachines

2020 vol: 11 (2) pp: 151

Synthesis of temperature and light sensitive mixed polymer brushes via combination of surface-initiated PET-ATRP and interface-mediated RAFT polymerization for cell sheet application

Evci M, Tevlek A, Aydin H, Caykara T

Applied Surface Science

2020 vol: 511 pp: 145572

A Quantitative Study of the Secondary Acoustic Radiation Force on Biological Cells during Acoustophoresis

Saeidi D, Saghafian M, Haghjooy Javanmard S, Wiklund M

Micromachines

2020 vol: 11 (2) pp: 152

Freezing ovarian fluid does not alter how it affects fish sperm swimming performance: creating a cryptic female choice 'spice rack' for use in split-ejaculate experimentation

Purchase C, Rooke A

Journal of Fish Biology

2020 vol: 96 (3) pp: 693-699

Upregulation of nuclear factor (erythroid-derived 2)-like 2 protein level in the human colorectal adenocarcinoma cell line DLD-1 by a heterocyclic organobismuth(III) compound: Effect of organobismuth(III) compound on NRF2 signaling

Iuchi K, Tasaki Y, Shirai S, Hisatomi H

Biomedicine & Pharmacotherapy

2020 vol: 125 pp: 109928

The importance of transporters and cell polarization for the evaluation of human stem cell-derived hepatic cells

Török G, Erdei Z, Lilienberg J, Apáti Á, Homolya L

PLOS ONE

Editors: Laconi E

2020 vol: 15 (1) pp: e0227751

Folic acid-modified Laponite®-stabilized Fe₃O₄ nanoparticles for targeted T₂-weighted MR imaging of tumor

Ding L, Wang R, Hu Y, Xu F, Zhang N, et. al.

Applied Clay Science
2020 vol: 186 pp: 105447

Severing the ventral funiculus in chronic spinal cord injury has the most deteriorating effect on spermatogenesis in rats

Kaddumi E, Omoush S, Shuqair D, Abdel-Razaq W, Alkhateeb H, et. al.
Autonomic Neuroscience
2020 vol: 224 pp: 102639

TiO₂ Nanoparticles Co-doped with Nitrogen and Fluorine as Visible-Light-Activated Antifungal Agents

Mukherjee K, Acharya K, Biswas A, Jana N
ACS Applied Nano Materials
2020 vol: 3 (2) pp: 2016-2025

Akhirin regulates the proliferation and differentiation of neural stem cells/progenitor cells at neurogenic niches in mouse brain

Anam M, Ahmad S, Kudo M, Istiaq A, Felemban A, et. al.
Development, Growth & Differentiation
2020 vol: 62 (2) pp: 97-107

Silver nanoparticles as potential antiviral agents against African swine fever virus

Thi Ngoc Dung T, Nang Nam V, Thi Nhan T, Ngoc T, Minh ,L et. al.
Materials Research Express
2020 vol: 6 (12) pp: 1250g9

Fabrication of bacterial cellulose-based wound dressings with improved performance by impregnation with alginate

Sulaeva I, Hettegger H, Bergen A, Rohrer C, Kostic M, et. al.
Materials Science and Engineering: C
2020 vol: 110 pp: 110619

Chondroinductive Alginate-Based Hydrogels Having Graphene Oxide for 3D Printed Scaffold Fabrication

Olate-Moya F, Arens L, Wilhelm M, Mateos-Timoneda M, Engel E, et. al.
ACS Applied Materials & Interfaces
2020 vol: 12 (4) pp: 4343-4357

Designing biocompatible spin-coated multiwall carbon nanotubes-polymer composite coatings

Maziukiewicz D, Maciejewska B, Litowczenko J, Kościński M, Warowicka A, et. al.

Surface and Coatings Technology
2020 vol: 385 pp: 125199

Fabrication of Multitargeting and pH-Regulated Nanocomposites for Antitumor Photodynamic Therapy Based on Triphenylphosphine and Graphene Oxide

Zhang Y, Zhang H, Qin X, Yang C, Wang Z, et. al.
ACS Applied Bio Materials
2020 vol: 3 (2) pp: 952-964

Different morphologies of human embryonic kidney 293T cells in various types of culture dishes

Iuchi K, Oya K, Hosoya K, Sasaki K, Sakurada Y, et. al.
Cytotechnology
2020 vol: 72 (1) pp: 131-140

Assessing the potential for post-ejaculatory female choice in a polyandrous beach-spawning fish

Orbach D, Rooke A, Evans J, Pitcher T, Purchase C
Journal of Evolutionary Biology
2020 vol: 33 (4) pp: 449-459

Peptide Programmed Hydrogels as Safe Sanctuary Microenvironments for Cell Transplantation

Wang Y, He X, Bruggeman K, Gayen B, Tricoli A, et. al.
Advanced Functional Materials
2020 vol: 30 (9) pp: 1900390

Design of DNA Aptamer-Functionalized Magnetic Short Nanofibers for Efficient Capture and Release of Circulating Tumor Cells

Xiao Y, Lin L, Shen M, Shi X
Bioconjugate Chemistry
2020 vol: 31 (1) pp: 130-138

Loss of NQO1 generates genotoxic estrogen-DNA adducts in Fuchs Endothelial Corneal Dystrophy

Miyajima T, Melangath G, Zhu S, Deshpande N, Vasanth S, et. al.
Free Radical Biology and Medicine
2020 vol: 147 pp: 69-79

Effects of endogenous molasses carbon dots on macrophages and their potential utilization as anti-inflammatory agents

Yavuz E, Dinc S, Kara M

Applied Physics A
2020 vol: 126 (1) pp: 22

Publications 2019

Precise removal of *Calm1* long 3' UTR isoform by CRISPR-Cas9 genome editing impairs dorsal root ganglion development in mice

Gruner H, Bae B, Lynch M, Oliver D, So K, et. al.
bioRxiv
2019 pp: 553990

Inertial focusing in a parallelogram profiled microchannel over a range of aspect ratios

Kwon J, Lee D, Kim J, Cho Y
Micro and Nano Systems Letters
2019 vol: 7 (1) pp: 22

Biological Control of Root-Knot Nematodes by Organic Acid-Producing *Lactobacillus brevis* WiKim0069 Isolated from Kimchi

Seo H, Park A, Kim S, Yeon J, Yu N, et. al.
The plant pathology journal
2019 vol: 35 (6) pp: 662-673

Loss of LRP1 promotes acquisition of contractile-myofibroblast phenotype and release of active TGF- β 1 from ECM stores

Schnieder J, Mamazhakypov A, Birnhuber A, Wilhelm J, Kwapiszewska G, et. al.
Matrix Biology
2020 vol: 88 pp: 69-88

Nutrient Excess Triggers the Expression of the *Penicillium chrysogenum* Antifungal Protein PAFB

Huber A, Lerchster H, Marx F
Microorganisms
2019 vol: 7 (12) pp: 654

Effects of ceramic particle size on cell attachment and viability in polyurethane-based bone adhesive composites

Erken M, Tevlek A, Hosseinian P, Topuz B, Aydin H
Journal of Composite Materials
2020 vol: 54 (15) pp: 2013-2022

Ursonic acid exerts inhibitory effects on matrix metalloproteinases via ERK signaling pathway

Son J, Lee S

Chemico-Biological Interactions

2020 vol: 315 pp: 108910

Magnetic Targeting of mTHPC To Improve the Selectivity and Efficiency of Photodynamic Therapy

Haimov-Talmoud E, Harel Y, Schori H, Motiei M, Atkins A, et. al.

ACS Applied Materials & Interfaces

2019 vol: 11 (49) pp: 45368-45380

Characterization of saponin foam from *Saponaria officinalis* for food applications

Jurado Gonzalez P, Sørensen P

Food Hydrocolloids

2020 vol: 101 pp: 105541

Modulation of hepatocyte sialylation drives spontaneous fatty liver disease and inflammation

Oswald D, Jones M, Cobb B

Glycobiology

2020 vol: 30 (5) pp: 346-359

Loss of the ribosomal RNA methyltransferase NSUN5 impairs global protein synthesis and normal growth

Heissenberger C, Liendl L, Nagelreiter F, Gonskikh Y, Yang G, et. al.

Nucleic Acids Research

2019 vol: 47 (22) pp: 11807-11825

Novel hardystonite calcium phosphate mixture as a potential cementitious bone filling material

Sopcak T, Medvecky L, Giretova M, Stulajterova R, Faberova M, et. al.

Journal of the European Ceramic Society

2020 vol: 40 (14) pp: 4909-4922

Novel anti-Alzheimer phenol-lipoyl hybrids: Synthesis, physico-chemical characterization, and biological evaluation

Pagoni A, Marinelli L, Di Stefano A, Ciulla M, Turkez H, et. al.

European Journal of Medicinal Chemistry

2020 vol: 186 pp: 111880

Autophagy is essential for the endothelial differentiation of breast cancer stem-like cells

Yao Z, Yang Z, Chen F, Jiang Y, Fu C, et. al.

International Journal of Molecular Medicine
2019 vol: 45 (1) pp: 255-264

Directional topography gradients drive optimum alignment and differentiation of human myoblasts

Almonacid Suarez A, Zhou Q, Rijn P, Harmsen M
Journal of Tissue Engineering and Regenerative Medicine
2019 vol: 13 (12) pp: 2234-2245

Cryptosporidium parvum alters glucose transport mechanisms in infected enterocytes

Delling C, Dauschies A, Bangoura B, Dengler F
Parasitology Research
2019 vol: 118 (12) pp: 3429-3441

Determining Conditions for Successful Culture of Multi-Cellular 3D Tumour Spheroids to Investigate the Effect of Mesenchymal Stem Cells on Breast Cancer Cell Invasiveness

Brown M, Bahsoun S, Morris M, Akam E
Bioengineering
2019 vol: 6 (4) pp: 101

Automated Good Manufacturing Practice–compliant generation of human monocyte-derived dendritic cells from a complete apheresis product using a hollow-fiber bioreactor system overcomes a major hurdle in the manufacture of dendritic cells for cancer vaccines

Uslu U, Erdmann M, Wiesinger M, Schuler G, Schuler-Thurner B
Cytotherapy
2019 vol: 21 (11) pp: 1166-1178

Magnetic field driven actuation of sessile ferrofluid droplets in the presence of a time dependent magnetic field

Shyam S, Asfer M, Mehta B, Mondal P, Almutairi Z
Colloids and Surfaces A: Physicochemical and Engineering Aspects
2020 vol: 586 pp: 124116

Evaluation of Cytotoxicity of Perfluorocarbons for Intraocular Use by Cytotoxicity Test In Vitro in Cell Lines and Human Donor Retina Ex Vivo

Romano M, Ferrara M, Gatto C, Ferrari B, Giurgola L, et. al.
Translational Vision Science & Technology
2019 vol: 8 (5) pp: 24

miR-425-5p is associated with poor prognosis in patients with breast cancer and promotes cancer cell progression by targeting PTEN

Xiao S, Zhu H, Luo J, Wu Z, Xie M

Oncology Reports
2019 vol: 42 (6) pp: 2550-2560

Interfacial charge regulation of protein blocking layers in transistor biosensor for direct measurement in serum

Park S, Kim M, Kim D, Kang S, Lee K, et. al.
Biosensors and Bioelectronics
2020 vol: 147 pp: 111737

Mitochondrial Dysfunction Underlies Cardiomyocyte Remodeling in Experimental and Clinical Atrial Fibrillation

Wiersma M, van Marion D, Wüst R, Houtkooper R, Zhang D, et. al.
Cells
2019 vol: 8 (10) pp: 1202

Synthesis, characterization, and cytotoxic and antimicrobial activities of mixed-ligand hydrazone complexes of variable valence VO_z^+ ($z = 2, 3$)

Biswas N, Bera S, Sepay N, Mukhopadhyay T, Acharya K, et. al.
New Journal of Chemistry
2019 vol: 43 (42) pp: 16714-16729

Real-Time Label-Free Targeting Assessment and in Vitro Characterization of Curcumin-Loaded Poly-lactic-co-glycolic Acid Nanoparticles for Oral Colon Targeting

Akl M, Kartal-Hodzic A, Suutari T, Oksanen T, Montagner I, et. al.
ACS Omega
2019 vol: 4 (16) pp: 16878-16890

PRDM16 Maintains Homeostasis of the Intestinal Epithelium by Controlling Region-Specific Metabolism

Stine R, Sakers A, TeSlaa T, Kissig M, Stine Z, et. al.
Cell Stem Cell
2019 vol: 25 (6) pp: 830-845.e8

pH-Sensitive N, N- Dimethylalkane-1-amine N-Oxides in DNA Delivery: From Structure to Transfection Efficiency

Liskayová G, Hubčík L, Búcsi A, Fazekas T, Martínez J, et. al.
Langmuir
2019 vol: 35 (41) pp: 13382-13395

Effects of oil spill response technologies on marine microorganisms in the high Arctic

Pančić M, Köhler E, Paulsen M, Toxværd K, Lacroix C, et. al.

Marine Environmental Research
2019 vol: 151 pp: 104785

Anomalous in Vitro and in Vivo Degradation of Magnesium Phosphate Bioceramics: Role of Zinc Addition

Sarkar K, Kumar V, Devi K, Ghosh D, Nandi S, et. al.
ACS Biomaterials Science & Engineering
2019 vol: 5 (10) pp: 5097-5106

Corrosion characteristics of zinc–zirconium alloy in c-SBF and its biocompatibility in vitro/in vivo

Guo P, Bagheri R, Ren T, Yang L, Xu C, et. al.
Materials and Corrosion
2019 pp: maco.201911137

Targeting of early endosomes by autophagy facilitates EGFR recycling and signalling

Fraser J, Simpson J, Fontana R, Kishi-Itakura C, Ktistakis N, et. al.
EMBO reports
2019

Is a Local Administration of Parathyroid Hormone Effective to Tendon-to-Bone Healing in a Rat Rotator Cuff Repair Model?

Yoon J, Chung S, Jung J, Lee Y, Kim K, et. al.
Journal of Orthopaedic Research
2019 pp: jor.24452

Codoping Enhanced Radioluminescence of Nanoscintillators for X-ray-Activated Synergistic Cancer Therapy and Prognosis Using Metabolomics

Ahmad F, Wang X, Jiang Z, Yu X, Liu X, et. al.
ACS Nano
2019 pp: acsnano.9b04213

Orally administered resveratrol enhances the therapeutic effect of autologous transplanted adipose-derived stem cells on rats with diabetic hepatopathy

Chen T, Lai C, Shen C, Pai P, Chen R, et. al.
Biotechnic & Histochemistry
2019 pp: 1-9

Morphological and Molecular Changes in Juvenile Normal Human Fibroblasts Exposed to Simulated Microgravity

Buken C, Sahana J, Corydon T, Melnik D, Bauer J, et. al.

Scientific Reports
2019 vol: 9 (1) pp: 11882

Collagen from Turkey (*Meleagris gallopavo*) tendon: A promising sustainable biomaterial for pharmaceutical use

Grønlien K, Pedersen M, Sanden K, Høst V, Karlsen J, et. al.
Sustainable Chemistry and Pharmacy
2019 vol: 13 pp: 100166

Characterization of subcutaneous and omental adipose tissue in patients with obesity and with different degrees of glucose impairment

Belligoli A, Compagnin C, Sanna M, Favaretto F, Fabris R, et. al.
Scientific Reports
2019 vol: 9 (1) pp: 11333

Mitochondria-targeted tri-triphenylphosphonium substituted *meso*-tetra(4-carboxyphenyl)porphyrin(TCPP) by conjugation with folic acid and graphene oxide for improved photodynamic therapy

Yang C, Zhang H, Wang Z, Wu X, Jin Y
Journal of Porphyrins and Phthalocyanines
2019 pp: 1-13

Narciclasine inhibits angiogenic processes by activation of Rho kinase and by downregulation of the VEGF receptor 2

Bräutigam J, Bischoff I, Schürmann C, Buchmann G, Epah J, et. al.
Journal of Molecular and Cellular Cardiology
2019 vol: 135 pp: 97-108

Development of a Self-Assembled Peptide/Methylcellulose-Based Bioink for 3D Bioprinting

Cofiño C, Perez-Amodio S, Semino C, Engel E, Mateos-Timoneda M
Macromolecular Materials and Engineering
2019 pp: 1900353

Cosmeceutical efficiency by some plant extracts used traditionally for skin care in inhibiting tyrosinase activity in a human epidermal melanocyte (HEM) cell line

Thibane V, Ndhlala A, Finnie J, Van Staden J
South African Journal of Botany
2019

A physical biomarker of the quality of cultured corneal endothelial cells and of the long-term prognosis of corneal restoration in patients

Yamamoto A, Tanaka H, Toda M, Sotozono C, Hamuro J, et. al.

Nature Biomedical Engineering
2019 pp: 1-8

Use of extracellular matrix from the porcine esophagus as a graft for bladder enlargement

Estrada Mira S, Morales Castro C, Anturi A, Rave M, Restrepo Munera L
Journal of Pediatric Urology
2019

Brain food? Trophic transfer and tissue retention of microplastics by the velvet swimming crab (*Necora puber*)

Crooks N, Parker H, Pernetta A
Journal of Experimental Marine Biology and Ecology
2019 vol: 519 pp: 151187

Achieving tight control of a photoactivatable Cre recombinase gene switch: new design strategies and functional characterization in mammalian cells and rodent

Meador K, Wysoczynski C, Norris A, Aoto J, Bruchas M, et. al.
Nucleic Acids Research
2019

Sensing of apoptotic cells through Axl causes lung basal cell proliferation in inflammatory diseases

Fujino N, Brand O, Morgan D, Fujimori T, Grabiec A, et. al.
The Journal of experimental medicine
2019 pp: jem.20171978

Unravelling the Antiproliferative Activity of 1,2,5-oxadiazole Derivatives

Ehrsam D, Porta F, Mori M, Schwabedissen H, Dalla Via L, et. al.
Anticancer research
2019 vol: 39 (7) pp: 3453-3461

Preparation of therapeutic-laden konjac hydrogel for tumor combination therapy

Liu Y, Xi Y, Zhao J, Zhao J, Li J, et. al.
Chemical Engineering Journal
2019 vol: 375 pp: 122048

Protective Effect of Semisynthetic and Natural Flavonoid on Aged Rat Microglia-enriched Cultures

Mrvová N, Škandík M, Bezek Š, Račková L
Neurotoxicity Research
2019 pp: 1-15

Enhanced inertial focusing of microparticles and cells by integrating trapezoidal microchambers in spiral microfluidic channels

Al-Halhouli A, Albagdady A, Al-Faqheri W, Kottmeier J, Meinen S, et. al.

RSC Advances

2019 vol: 9 (33) pp: 19197-19204

Nitric oxide and ROS mediate autophagy and regulate *Alternaria alternata* toxin-induced cell death in tobacco BY-2 cells

Sadhu A, Moriyasu Y, Acharya K, Bandyopadhyay M

Scientific Reports

2019 vol: 9 (1) pp: 8973

Dexamethasone Preconditioning in Cardiac Procedures Reduces Decreased Antithrombin Activity and Is Associated to Beneficial Outcomes: Role of Endothelium

Muedra V, Moreno L, Rodilla V, Arce C, Montó F, et. al.

Frontiers in Pharmacology

2018 vol: 9 pp: 1014

Plant seed protease inhibitors differentially affect innate immunity in a tumor microenvironment to control hepatocarcinoma

Laparra J, Haros C

Food & Function

2019 vol: 10 (7) pp: 4210-4219

Vagus nerve stimulation protects against acute liver injury induced by renal ischemia reperfusion via antioxidant stress and anti-inflammation

Lai Y, Deng J, Wang M, Wang M, Zhou L, et. al.

Biomedicine & Pharmacotherapy

2019 vol: 117 pp: 109062

Cultured cell-derived extracellular matrices to enhance the osteogenic differentiation and angiogenic properties of human mesenchymal stem/stromal cells

Carvalho M, Silva J, Cabral J, Silva C, Vashishth D

Journal of Tissue Engineering and Regenerative Medicine

2019 pp: term.2907

Noninvasive imaging of the tree shrew eye: Wavefront analysis and retinal imaging with correlative histology

Sajdak B, Salmon A, Cava J, Allen K, Freling S, et. al.

Experimental Eye Research

2019 vol: 185 pp: 107683

Physical, mechanical and *in vitro* evaluation of a novel cement based on akermantite and dicalcium phosphate dihydrate phase

Sopcak T, Medvecký L, Giretova M, Stulajterova R, Molcanova Z, et. al.

Biomedical Materials

2019 vol: 14 (4) pp: 045011

CD45Rb-low effector T cells require IL-4 to induce IL-10 in FoxP3 Tregs and to protect mice from inflammation

Jones M, Alvarez C, Johnson J, Zhou J, Morris N, et. al.

PLOS ONE

2019 vol: 14 (5) pp: e0216893

Control of root-knot nematodes by a mixture of maleic acid and copper sulfate

Yeon J, Park A, Kim Y, Seo H, Yu N, et. al.

Applied Soil Ecology

2019 vol: 141 pp: 61-68

Rice Hull Extract (RHE) Suppresses Adiposity in High-Fat Diet-Induced Obese Mice and Inhibits Differentiation of 3T3-L1 Preadipocytes

Kim G, Ju J, Chung K, Cheon S, Gil T, et. al.

Nutrients

2019 vol: 11 (5) pp: 1162

Quantified forces between HepG2 hepatocarcinoma and WA07 pluripotent stem cells with natural biomaterials correlate with *in vitro* cell behavior

Harjumäki R, Nugroho R, Zhang X, Lou Y, Yliperttula M, et. al.

Scientific Reports

2019 vol: 9 (1) pp: 7354

Polyhydroxybutyrate/Chitosan 3D Scaffolds Promote *In Vitro* and *In Vivo* Chondrogenesis

Giretova M, Medvecký L, Petrovova E, Cizkova D, Danko J, et. al.

Applied Biochemistry and Biotechnology

2019 pp: 1-20

P5 Assessment of adult rat cardiac fibroblast viability following chronic sunitinib treatment

McMullen C, Wood R, Cunningham M, Currie S

Heart

2019 vol: 105 (Suppl 4) pp: A6-A7

Molecular characteristics and pathogenic assessment of porcine epidemic diarrhoea virus isolates from the 2018 endemic outbreaks on Jeju Island, South Korea

Lee S, Lee D, Noh Y, Lee S, Choi H, et. al.

Transboundary and Emerging Diseases
2019 pp: tbed.13219

In vitro cytotoxicity of calcium phosphate cement reinforced with multiwalled carbon nanotubes

Medvecky L, Giretova M, Kralikova R, Medvecká S, Briancin J
Journal of Materials Science: Materials in Medicine
2019 vol: 30 (5) pp: 54

Agricultural residue-derived lignin as the filler of polylactic acid composites and the effect of lignin purity on the composite performance

Gao Y, Qu W, Liu Y, Hu H, Cochran E, et. al.
Journal of Applied Polymer Science
2019 vol: 136 (35) pp: 47915

Biodegradable Fe(III)@WS2-PVP Nanocapsules for Redox Reaction and TME-Enhanced Nanocatalytic, Photothermal, and Chemotherapy

Wu C, Wang S, Zhao J, Liu Y, Zheng Y, et. al.
Advanced Functional Materials
2019 vol: 29 (26) pp: 1901722

Pear Extract and Malaxinic Acid Reverse Obesity, Adipose Tissue Inflammation, and Hepatosteatosis in Mice

Truong X, Nguyen T, Kang M, Jung C, Lee S, et. al.
Molecular Nutrition & Food Research
2019 vol: 63 (14) pp: 1801347

Protective effect of vildagliptin on TNF- α -induced chondrocyte senescence

Bi J, Cai W, Ma T, Deng A, Ma P, et. al.
IUBMB Life
2019 vol: 71 (7) pp: iub.2049

Dose- and duration-dependent cytotoxicity and genotoxicity in human hepato carcinoma cells due to CdTe QDs exposure

Katubi K, Alzahrani F, Ali D, Alarifi S
Human & Experimental Toxicology
2019 vol: 38 (8) pp: 914-926

Influence of Mg on the mechanical properties and degradation performance of as-extruded ZnMgCa alloys: In vitro and in vivo behavior

Yang L, Guo P, Niu Z, Li F, Song Z, et. al.
Journal of the Mechanical Behavior of Biomedical Materials
2019 vol: 95 pp: 220-231

One-step wettability patterning of PDMS microchannels for generation of monodisperse alginate microbeads by in Situ external gelation in double emulsion microdroplets

Samandari M, Alipanah F, Haghjooy Javanmard S, Sanati-Nezhad A
Sensors and Actuators B: Chemical
2019 vol: 291 pp: 418-425

Sevoflurane Promotes Regeneration of the Endothelial Glycocalyx by Upregulating Sialyltransferase

Kazuma S, Tokinaga Y, Kimizuka M, Azumaguchi R, Hamada K, et. al.
Journal of Surgical Research
2019 vol: 241 pp: 40-47

LncRNA ENST00000602558.1 regulates ABCG1 expression and cholesterol efflux from vascular smooth muscle cells through a p65-dependent pathway

Cai C, Zhu H, Ning X, Li L, Yang B, et. al.
Atherosclerosis
2019 vol: 285 pp: 31-39

The roles of oxidative stress and Beclin-1 in the autophagosome clearance impairment triggered by cardiac arrest

Wang X, Sun D, Hu Y, Xu X, Jiang W, et. al.
Free Radical Biology and Medicine
2019 vol: 136 pp: 87-95

Fabrication of microfluidic channels with various cross-sectional shapes using anisotropic etching of Si and self-alignment

Lee D, Kwon J, Cho Y
Applied Physics A
2019 vol: 125 (5) pp: 291

The direct oral anticoagulants rivaroxaban and dabigatran do not inhibit orthotopic growth and metastasis of human breast cancer in mice

Buijs J, Laghmani E, Akker R, Tieken C, Vletter E, et. al.
Journal of Thrombosis and Haemostasis
2019 vol: 17 (6) pp: 951-963

Advances in optogenetic regulation of gene expression in mammalian cells using cryptochrome 2 (CRY2)

Hernández-Candia C, Wysoczynski C, Tucker C
Methods
2019 vol: 164-165 pp: 81-90

Facile synthesis of organosilica-capped mesoporous silica nanocarriers with selective redox-triggered drug release properties for safe tumor chemotherapy

Shen L, Pan S, Niu D, He J, Jia X, et. al.

Biomaterials Science

2019 vol: 7 (5) pp: 1825-1832

Changes in Human Foetal Osteoblasts Exposed to the Random Positioning Machine and Bone Construct Tissue Engineering

Mann V, Grimm D, Corydon T, Krüger M, Wehland M, et. al.

International Journal of Molecular Sciences

2019 vol: 20 (6) pp: 1357

Comprehensive Experimental System for a Promising Model Organism Candidate for Marine Teleosts

Sakaguchi K, Yoneda M, Sakai N, Nakashima K, Kitano H, et. al.

Scientific Reports

2019 vol: 9 (1) pp: 4948

Protein inhibitor of activated STAT1 Ser 503 phosphorylation-mediated Elk-1 SUMOylation promotes neuronal survival in APP/PS1 mice

Liu S, Ma Y, Hsu W, Chiou H, Lee E

British Journal of Pharmacology

2019 vol: 176 (11) pp: 1793-1810

Metal- based nanoparticles as carriers of mTHPC drug for effective photodynamic therapy

Haimov E, Harel Y, Polani S, Weitman H, Zitoun D, et. al.

Nanoscale Imaging, Sensing, and Actuation for Biomedical Applications XVI

2019 vol: 10891 pp: 40

Microfluidics-Prepared Uniform Conjugated Polymer Nanoparticles for Photo-Triggered Immune Microenvironment Modulation and Cancer Therapy

Wang Z, Guo B, Middha E, Huang Z, Hu Q, et. al.

ACS Applied Materials & Interfaces

2019 vol: 11 (12) pp: 11167-11176

Longitudinal In Vivo Characterization of the Streptozotocin-Induced Diabetic Mouse Model: Focus on Early Inner Retinal Responses

Sergeys J, Etienne I, Van Hove I, Lefevre E, Stalmans I, et. al.

Investigative Ophthalmology & Visual Science

2019 vol: 60 (2) pp: 807

Environmental factors influence cylindrospermopsin production of *Cylindrospermopsis raciborskii* (CR12)

Mohamed Nor N, Te S, Mowe M, Gin K

Journal of Plankton Research

2019 vol: 41 (2) pp: 114-126

ETS1 is coexpressed with ZEB2 and mediates ZEB2-induced epithelial-mesenchymal transition in human tumors

Yalim-Camci I, Balcik-Ercin P, Cetin M, Odabas G, Tokay N, et. al.

Molecular Carcinogenesis

2019 vol: 58 (6) pp: 1068-1081

Epsins Regulate Mouse Embryonic Stem Cell Exit from Pluripotency and Neural Commitment by Controlling Notch Activation

Cardano M, Zasso J, Ruggiero L, Di Giacomo G, Marcatili M, et. al.

Stem Cells International

2019 vol: 2019 pp: 1-13

Precise removal of *Calm1* long 3' UTR isoform by CRISPR-Cas9 genome editing impairs dorsal root ganglion development in mice

Gruner H, Bae B, Lynch M, Oliver D, So K, et. al.

bioRxiv

2019 pp: 553990

Electrospun Conducting and Biocompatible Uniaxial and Core–Shell Fibers Having Poly(lactic acid), Poly(ethylene glycol), and Polyaniline for Cardiac Tissue Engineering

Bertuoli P, Ordoño J, Armelin E, Pérez-Amodio S, Baldissera A, et. al.

ACS Omega

2019 vol: 4 (2) pp: 3660-3672

Chlorotoxin peptide-functionalized polyethylenimine-entrapped gold nanoparticles for glioma SPECT/CT imaging and radionuclide therapy

Zhao L, Li Y, Zhu J, Sun N, Song N, et. al.

Journal of Nanobiotechnology

2019 vol: 17 (1) pp: 30

Immunonutritional consequences of different serine-type protease inhibitors in a C57BL/6 hepatocarcinoma model

Laparra J, Fotschki B, Haros C

Oncotarget

2019 vol: 10 (7) pp: 760-772

Mutations in ILK, encoding integrin-linked kinase, are associated with arrhythmogenic cardiomyopathy

Brodehl A, Rezazadeh S, Williams T, Munsie N, Liedtke D, et. al.

Translational Research

2019 vol: 208 pp: 15-29

Developing scalable cultivation systems of hepatic spheroids for drug metabolism via genomic and functional analyses

Ahn J, Lee H, Oh S, Kim W, Mun S, et. al.

Biotechnology and Bioengineering

2019 vol: 116 (6) pp: 1496-1508

Nicotinamide riboside regulates inflammation and mitochondrial markers in AML12 hepatocytes

Lee H, Yang S

Nutrition Research and Practice

2019 vol: 13 (1) pp: 3

Solution structure and novel insights into phylogeny and mode of action of the Neosartorya (Aspergillus) fischeri antifungal protein (NFAP)

Hajdu D, Huber A, Czajlik A, Tóth L, Kele Z, et. al.

International Journal of Biological Macromolecules

2019 vol: 129 pp: 511-522

Oxidized unsaturated fatty acids induce apoptotic cell death in cultured cells

Iuchi K, Ema M, Suzuki M, Yokoyama C, Hisatomi H

Molecular Medicine Reports

2019 vol: 19 (4) pp: 2767-2773

Profiling embryonic stem cell differentiation by MALDI TOF mass spectrometry: development of a reproducible and robust sample preparation workflow

Heap R, Fas A, Blain A, Findlay G, Trost M

bioRxiv

2019 pp: 536664

Development of a Dual-Vector System Utilizing MicroRNA Mimics of the Autographa californica miR-1 for an Inducible Knockdown in Insect Cells

Koczka K, Ernst W, Palmberger D, Klausberger M, Nika L, et. al.

International Journal of Molecular Sciences

2019 vol: 20 (3) pp: 533

TGF β promotes breast cancer stem cell self-renewal through an ILEI/LIFR signaling axis

Woosley A, Dalton A, Hussey G, Howley B, Mohanty B, et. al.

Oncogene

2019 vol: 38 (20) pp: 3794-3811

Hyaluronic Acid-Decorated Laponite® Nanocomposites for Targeted Anticancer Drug Delivery

Jiang T, Chen G, Shi X, Guo R

Polymers

2019 vol: 11 (1) pp: 137

3D Electrophysiological Measurements on Cells Embedded within Fiber-Reinforced Matrigel

Schaefer N, Janzen D, Bakirci E, Hrynevich A, Dalton P, et. al.

Advanced Healthcare Materials

2019 vol: 8 (5) pp: 1801226

The induction of Maspin expression by a glucosamine-derivative has an antiproliferative activity in prostate cancer cell lines

Cocchiola R, Lopreiato M, Guazzo R, de Santi M, Eufemi M, et. al.

Chemico-Biological Interactions

2019 vol: 300 pp: 63-72

Neuronal mechanisms of mutations in *SCN8A* causing epilepsy or intellectual disability

Liu Y, Schubert J, Sonnenberg L, Helbig K, Hoei-Hansen C, et. al.

Brain

2019 vol: 142 (2) pp: 376-390

A novel nanoformulation of PLGA with high non-ionic surfactant content improves *in vitro* and *in vivo* PTX activity against lung cancer

Jiménez-López J, El-Hammadi M, Ortiz R, Cayero-Otero M, Cabeza L, et. al.

Pharmacological Research

2019 vol: 141 pp: 451-465

A Synthetic System That Senses *Candida albicans* and Inhibits Virulence Factors

Tscherner M, Giessen T, Markey L, Kumamoto C, Silver P

ACS Synthetic Biology

2019 vol: 8 (2) pp: 434-444

Evaluation of as-extruded ternary Zn–Mg–Zr alloys for biomedical implantation material: *In vitro* and *in vivo* behavior

Ren T, Gao X, Xu C, Yang L, Guo P, et. al.

Materials and Corrosion

2019 vol: 70 (6) pp: 1056-1070

Effect of the Wnt signal-RANKL/OPG axis on the enhanced osteogenic integration of a lithium incorporated surface

Huang T, Li Y, Yu K, Yu Z, Wang Y, et. al.

Biomaterials Science

2019 vol: 7 (3) pp: 1101-1116

One-pot green synthesis of highly luminescent silicon nanoparticles using Citrus limon (L.) and their applications in luminescent cell imaging and antimicrobial efficacy

Tiwari A, Sherpa Y, Pathak A, Singh L, Gupta A, et. al.

Materials Today Communications

2019 vol: 19 pp: 62-67

Metabotropic glutamate receptor 5 signalling induced NMDA receptor subunits alterations during the development of morphine-induced antinociceptive tolerance in mouse cortex

Huang M, Luo L, Zhang Y, Wang W, Dong J, et. al.

Biomedicine & Pharmacotherapy

2019 vol: 110 pp: 717-726

Modeling and multiscale characterization of the quantitative imaging based fibrosis index reveals pathophysiological, transcriptome and proteomic correlates of lung fibrosis induced by fractionated irradiation

Zhou C, Moustafa M, Cao L, Kriegsmann M, Winter M, et. al.

International Journal of Cancer

2019 vol: 144 (12) pp: 3160-3173

Biopolymers – Calcium phosphates composites with inclusions of magnetic nanoparticles for bone tissue engineering

Cojocaru F, Balan V, Popa M, Lobiuc A, Antoniac A, et. al.

International Journal of Biological Macromolecules

2019 vol: 125 pp: 612-620

Controlled Massive Encapsulation via Tandem Step Emulsification in Glass

Ofner A, Mattich I, Hagander M, Dutto A, Seybold H, et. al.

Advanced Functional Materials

2019 vol: 29 (4) pp: 1806821

The Potential Chondrogenic Effect of *Eucomis autumnalis* Aqueous Extracts on Porcine Adipose-Derived Mesenchymal Stem Cells

Maepa M, Ssemakalu C, Motaung K

Tissue Engineering Part A

2019 vol: 25 (15-16) pp: 1137-1145

Akt-mediated phosphorylation of MICU 1 regulates mitochondrial Ca²⁺ levels and tumor growth

Marchi S, Corricelli M, Branchini A, Vitto V, Missiroli S, et. al.

The EMBO Journal

2019 vol: 38 (2)

Levels of IL-17F and IL-33 correlate with HLA-DR activation in clinical-grade human bone marrow–derived multipotent mesenchymal stromal cell expansion cultures

GRAU-VORSTER M, RODRÍGUEZ L, TORRENTS-ZAPATA S, VIVAS D, CODINACH M, et. al.

Cytotherapy

2019 vol: 21 (1) pp: 32-40

Extracellular Trap Formation by Donkey Polymorphonuclear Neutrophils Against Toxoplasma gondii

Yildiz K, Gokpinar S, Sursal N, Babur C, Ozen D, et. al.

Journal of Equine Veterinary Science

2019 vol: 73 pp: 1-9

Thymol enriched bacterial cellulose hydrogel as effective material for third degree burn wound repair

Jiji S, Udhayakumar S, Rose C, Muralidharan C, Kadirvelu K

International Journal of Biological Macromolecules

2019 vol: 122 pp: 452-460

3-Hydroxykynurenic acid: Physicochemical properties and fluorescence labeling

Shmidt M, García Vior M, Ezquerro Riega S, Lázaro-Martínez J, Abasolo M, et. al.

Dyes and Pigments

2019 vol: 162 pp: 552-561

Hydrothermal synthesis of nitrogen and boron co-doped carbon quantum dots for application in acetone and dopamine sensors and multicolor cellular imaging

Liu Y, Li W, Wu P, Ma C, Wu X, et. al.

Sensors and Actuators B: Chemical

2019 vol: 281 pp: 34-43

Aβ42 Peptide Promotes Proliferation and Gliogenesis in Human Neural Stem Cells

Bernabeu-Zornoza A, Coronel R, Palmer C, Calero M, Martínez-Serrano A, et. al.

Molecular Neurobiology

2019 vol: 56 (6) pp: 4023-4036

Sirt3 attenuates post-infarction cardiac injury via inhibiting mitochondrial fission and normalization of AMPK-Drp1 pathways

Liu J, Yan W, Zhao X, Jia Q, Wang J, et. al.

Cellular Signalling
2019 vol: 53 pp: 1-13

Preparation of Poly(lactic-co-glycolic acid)-Based Composite Microfibers for Postoperative Treatment of Tumor in NIR I and NIR II Biowindows

Cao J, Wei R, Yao S
The Journal of Physiological Sciences
2019 vol: 69 (2) pp: 185-198

A Revised Taxonomy of Diplonemids Including the Eupelagonemidae n. fam. and a Type Species, *Eupelagonema oceanica* n. gen. & sp..

Okamoto N, Gawryluk R, Campo J, Strasser J, Lukeš J, et. al.
Journal of Eukaryotic Microbiology
2019 vol: 66 (3) pp: 519-524

Borax Supplementation Alleviates Hematotoxicity and DNA Damage in Rainbow Trout (*Oncorhynchus mykiss*) Exposed to Copper

Alak G, Parlak V, Aslan M, Ucar A, Atamanalp M, et. al.
Biological Trace Element Research
2019 vol: 187 (2) pp: 536-542

Publications 2018

Serine synthesis through PHGDH coordinates nucleotide levels by maintaining central carbon metabolism

Reid M, Allen A, Liu S, Liberti M, Liu P, et. al.
Nature Communications
2018 vol: 9 (1) pp: 5442

Excess Dietary Zinc Intake in Neonatal Mice Causes Oxidative Stress and Alters Intestinal Host–Microbe Interactions

Podany A, Rauchut J, Wu T, Kawasaki Y, Wright J, et. al.
Molecular Nutrition & Food Research
2018 vol: 63 (3) pp: 1800947

Chemodrug-Gated Biodegradable Hollow Mesoporous Organosilica Nanotheranostics for Multimodal Imaging-Guided Low-Temperature Photothermal Therapy/Chemotherapy of Cancer

Wu J, Bremner D, Niu S, Shi M, Wang H, et. al.
ACS Applied Materials & Interfaces
2018 vol: 10 (49) pp: 42115-42126

Biofilm formation by Exiguobacterium sp. DR11 and DR14 alter polystyrene surface properties and initiate biodegradation

Chauhan D, Agrawal G, Deshmukh S, Roy S, Priyadarshini R

RSC Advances

2018 vol: 8 (66) pp: 37590-37599

Synergistic effect of extracellularly supplemented osteopontin and osteocalcin on stem cell proliferation, osteogenic differentiation, and angiogenic properties

Carvalho M, Cabral J, da Silva C, Vashishth D

Journal of Cellular Biochemistry

2019 vol: 120 (4) pp: 6555-6569

Virome Analysis Reveals No Association of Head and Neck Vascular Anomalies with an Active Viral Infection

Franke N, Bette M, Marquardt A, Briesse T, Lipkin W, et. al.

In vivo (Athens, Greece)

2018 vol: 32 (6) pp: 1323-1331

Multi-compartment scaffold fabricated via 3D-printing as in vitro co-culture osteogenic model

De Giglio E, Bonifacio M, Ferreira A, Cometa S, Ti Z, et. al.

Scientific Reports

2018 vol: 8 (1) pp: 15130

A Microfluidic-Based Model for Spatially Constrained Culture of Intestinal Microbiota

Pajoumshariati S, Azizi M, Zhang S, Dogan B, Simpson K, et. al.

Advanced Functional Materials

2018 vol: 28 (48) pp: 1805568

Rhinosectan® spray (containing xyloglucan) on the ciliary function of the nasal respiratory epithelium; results of an in vitro study

Piqué N, De Servi B

Allergy, Asthma & Clinical Immunology

2018 vol: 14 (1) pp: 41

Generation and characterization of a human iPSC line from an ALS patient carrying the Q66K-MATR3 mutation

Pollini D, Loffredo R, Cardano M, Conti L, Lattante S, et. al.

Stem Cell Research

2018 vol: 33 pp: 146-150

Influence of Regioselectively Sulfated Cellulose on in Vitro Vascularization of Biomimetic Bone Matrices

Weber D, Knaak S, Hettrich K, Andrulis M, Momburg F, et. al.

Biomacromolecules

2018 vol: 19 (11) pp: 4228-4238

Polyethyleneimine-Coated Manganese Oxide Nanoparticles for Targeted Tumor PET/MR Imaging

Zhu J, Li H, Xiong Z, Shen M, Conti P, et. al.

ACS Applied Materials & Interfaces

2018 vol: 10 (41) pp: 34954-34964

Characterisation of mesenchymal colon tumour-derived cells in tumourspheres as a model for colorectal cancer progression

Turano M, Costabile V, Cerasuolo A, Duraturo F, Liccardo R, et. al.

International Journal of Oncology

2018 vol: 53 (6) pp: 2379-2396

Graphene oxide nano-bio interaction induces inhibition of spermatogenesis and disturbance of fatty acid metabolism in the nematode *Caenorhabditis elegans*

Kim Y, Jeong J, Yang J, Joo S, Hong J, et. al.

Toxicology

2018 vol: 410 pp: 83-95

Matrine promotes liver cancer cell apoptosis by inhibiting mitophagy and PINK1/Parkin pathways

Wei R, Cao J, Yao S

Cell Stress and Chaperones

2018 vol: 23 (6) pp: 1295-1309

Chemical, biological and molecular modelling analyses to probe into the pharmacological potential of *Antidesma madagascariense* Lam.: A multifunctional agent for developing novel therapeutic formulations

Mahomoodally M, Atalay A, Nancy Picot M, Bender O, Celebi E, et. al.

Journal of Pharmaceutical and Biomedical Analysis

2018 vol: 161 pp: 425-435

Interferon priming is essential for human CD34+ cell-derived plasmacytoid dendritic cell maturation and function

Laustsen A, Bak R, Krapp C, Kjær L, Egedahl J, et. al.

Nature Communications

2018 vol: 9 (1) pp: 3525

Intracellular interleukin-32 γ mediates antiviral activity of cytokines against hepatitis B virus

Kim D, Park E, Lee A, Park S, Park Y, et. al.

Nature Communications

2018 vol: 9 (1) pp: 3284

Protective role of glucocorticosteroid prior to endotoxin exposure in cultured neonatal type II alveolar epithelial cells

He L, Dong Y, Wu W, Zhang L, Sun B

Pulmonary Pharmacology & Therapeutics

2018 vol: 52 pp: 18-26

Biofilm interactions—bacteria modulate sexual reproduction success of the diatom *Seminavis robusta*

Cirri E, Vyverman W, Pohnert G

FEMS Microbiology Ecology

2018 vol: 94 (11)

Processed eggshell membrane powder regulates cellular functions and increase MMP-activity important in early wound healing processes

Vuong T, Rønning S, Ahmed T, Brathagen K, Høst V, et. al.

PLOS ONE

2018 vol: 13 (8) pp: e0201975

Formulation and in vitro evaluation of magnetoliposomes as a potential nanotool in colorectal cancer therapy

Lorente C, Cabeza L, Clares B, Ortiz R, Halbaut L, et. al.

Colloids and Surfaces B: Biointerfaces

2018 vol: 171 pp: 553-565

Activation of the bile acid receptor GPBAR1 (TGR5) ameliorates interleukin-1 β (IL-1 β)-induced chondrocytes senescence

Huang H, Lei H, Yang F, Fan X, Dang Q, et. al.

Biomedicine & Pharmacotherapy

2018 vol: 106 pp: 1713-1719

Fabrication of Coaxial Wet-Spun Biofibres Containing Graphene Core

Mirabedini A

Publisher: Springer, Cham

2018 pp: 79-106

Cold atmospheric-pressure nitrogen plasma induces the production of reactive nitrogen species and cell death by increasing intracellular calcium in HEK293T cells

Iuchi K, Morisada Y, Yoshino Y, Himuro T, Saito Y, et. al.

Archives of Biochemistry and Biophysics

2018 vol: 654 pp: 136-145

Maclurin exerts anti-cancer effects on PC3 human prostate cancer cells via activation of p38 and inhibitions of JNK, FAK, AKT, and c-Myc signaling pathways

Lee Y, Jung O, Lee J, Son J, Cho J, et. al.

Nutrition Research

2018 vol: 58 pp: 62-71

Rhenium and technetium complexes of thioamide derivatives of pyridylhydrazine that bind to amyloid- β plaques

Fletcher S, Noor A, Hickey J, McLean C, White J, et. al.

JBIC Journal of Biological Inorganic Chemistry

2018 vol: 23 (7) pp: 1139-1151

γ -TuRC Heterogeneity Revealed by Analysis of Mozart1

Tovey C, Tubman C, Hamrud E, Zhu Z, Dyas A, et. al.

Current Biology

2018 vol: 28 (14) pp: 2314-2323.e6

Effects of four novel root-end filling materials on the viability of periodontal ligament fibroblasts

Akbulut M, Arpacı P, Eldeniz A

Restorative Dentistry & Endodontics

2018 vol: 43 (3)

Heat treatments effects on functionalization and corrosion behavior of Ti-6Al-4V ELI alloy made by additive manufacturing

Longhitano G, Arenas M, Conde A, Larosa M, Jardini A, et. al.

Journal of Alloys and Compounds

2018 vol: 765 pp: 961-968

pH-Sensitive graphene oxide conjugate purpurin-18 methyl ester photosensitizer nanocomplex in photodynamic therapy

Zhang Y, Zhang H, Wang Z, Jin Y

New Journal of Chemistry

2018 vol: 42 (16) pp: 13272-13284

Porcine deltacoronavirus induces caspase-dependent apoptosis through activation of the cytochrome c-mediated intrinsic mitochondrial pathway

Lee Y, Lee C

Virus Research

2018 vol: 253 pp: 112-123

Enhancement of Self-Aggregation Properties of Linear Elastin-Derived Short Peptides by Simple Cyclization: Strong Self-Aggregation Properties of Cyclo[FPGVG]_n , Consisting Only of Natural Amino Acids

Suyama K, Tatsubo D, Iwasaki W, Miyazaki M, Kiyota Y, et. al.

Biomacromolecules

2018 vol: 19 (8) pp: 3201-3211

Facile synthesis of colloidal stable MoS₂ nanoparticles for combined tumor therapy

Yang H, Zhao J, Wu C, Ye C, Zou D, et. al.

Chemical Engineering Journal

2018 vol: 351 pp: 548-558

Decreased expression of miR-490-3p in colorectal cancer predicts poor prognosis and promotes cell proliferation and invasion by targeting RAB14

Wang B, Yin M, Cheng C, Jiang H, Jiang K, et. al.

International Journal of Oncology

2018 vol: 53 (3) pp: 1247-1256

Aquatic community structure in Mediterranean edge-of-field waterbodies as explained by environmental factors and the presence of pesticide mixtures

Pereira A, Dâmaso-Rodrigues M, Amorim A, Daam M, Cerejeira M

Ecotoxicology

2018 vol: 27 (6) pp: 661-674

Integration of *in vitro* and *in silico* perspectives to explain chemical characterization, biological potential and anticancer effects of *Hypericum salsugineum*: A pharmacologically active source for functional drug formulations

Bender O, Llorent-Martínez E, Zengin G, Mollica A, Ceylan R, et. al.

PLOS ONE

2018 vol: 13 (6) pp: e0197815

Chemically-dispersed crude oil and dispersant affects sperm fertilizing ability, but not sperm swimming behaviour in capelin (*Mallotus villosus*)

Beirão J, Litt M, Purchase C

Environmental Pollution

2018 vol: 241 pp: 521-528

Association of the Gutta-Induced Microenvironment With Corneal Endothelial Cell Behavior and Demise in Fuchs Endothelial Corneal Dystrophy

Kocaba V, Katikireddy K, Gipson I, Price M, Price F, et. al.
JAMA Ophthalmology
2018

A CRISPR/Cas9 based engineering strategy for overexpression of multiple genes in Chinese hamster ovary cells

Eisenhut P, Klanert G, Weinguny M, Baier L, Jadhav V, et. al.
Metabolic Engineering
2018 vol: 48 pp: 72-81

RECON-Dependent Inflammation in Hepatocytes Enhances *Listeria monocytogenes* Cell-to-Cell Spread

McFarland A, Burke T, Carletti A, Glover R, Tabakh H, et. al.
mBio
2018 vol: 9 (3) pp: e00526-18

Autophagy mediates tumor necrosis factor- α -induced phenotype switching in vascular smooth muscle A7r5 cell line

García-Miguel M, Riquelme J, Norambuena-Soto I, Morales P, Sanhueza-Olivares F, et. al.
PLOS ONE
2018 vol: 13 (5) pp: e0197210

Mutations in *PPCS*, Encoding Phosphopantothenoylcysteine Synthetase, Cause Autosomal-Recessive Dilated Cardiomyopathy

Iuso A, Wiersma M, Schüller H, Pode-Shakked B, Marek-Yagel D, et. al.
The American Journal of Human Genetics
2018 vol: 102 (6) pp: 1018-1030

Effect of trace Sr and Sc contents and ultrasonic vibration on the microstructure and mechanical properties of the A380 alloy

Lei J, Yu J, Chen J, Li C, Luo H, et. al.
Advances in Mechanical Engineering
2018 vol: 10 (5) pp: 168781401877517

Nematicidal activity of verrucarins A and roridin A isolated from *Myrothecium verrucaria* against *Meloidogyne incognita*

Nguyen L, Jang J, Kim T, Yu N, Park A, et. al.
Pesticide Biochemistry and Physiology
2018 vol: 148 pp: 133-143

A flow cytometric approach to engineering *Escherichia coli* for improved eukaryotic protein glycosylation

Glasscock C, Yates L, Jaroentomeechai T, Wilson J, Merritt J, et. al.

Metabolic Engineering

2018 vol: 47 pp: 488-495

Mitochondrial ROS cause motor deficits induced by synaptic inactivity: Implications for synapse pruning

Sidlauskaite E, Gibson J, Megson I, Whitfield P, Tovmasyan A, et. al.

Redox Biology

2018 vol: 16 pp: 344-351

Spatial and Single-Cell Transcriptional Profiling Identifies Functionally Distinct Human Dermal Fibroblast Subpopulations

Philippeos C, Telerman S, Oulès B, Pisco A, Shaw T, et. al.

The Journal of investigative dermatology

2018 vol: 138 (4) pp: 811-825

Mechanical and *in vitro* degradation behavior of magnesium-bioactive glass composites prepared by SPS for biomedical applications

Dutta S, Devi K, Gupta S, Kundu B, Balla V, et. al.

Journal of Biomedical Materials Research Part B: Applied Biomaterials

2018

Exchange factor directly activated by cAMP-PKCe signalling mediates chronic morphine-induced expression of purine P2X3 receptor in rat dorsal root ganglia

Wang W, Ma X, Luo L, Huang M, Dong J, et. al.

British Journal of Pharmacology

2018 vol: 175 (10) pp: 1760-1769

Memory deficiency, cerebral amyloid angiopathy, and amyloid- β plaques in APP+PS1 double transgenic rat model of Alzheimer's disease

Klakotskaia D, Agca C, Richardson R, Stopa E, Schachtman T, et. al.

PLOS ONE

2018 vol: 13 (4) pp: e0195469

Stable Dispersions of Covalently Tethered Polymer Improved Graphene Oxide Nanoconjugates as an Effective Vector for siRNA Delivery

Yadav N, Kumar N, Prasad P, Shirbhate S, Sehrawat S, et. al.

ACS Applied Materials & Interfaces

2018 vol: 10 (17) pp: 14577-14593

Antitumor activity of chitosan from mayfly with comparison to commercially available low, medium and high molecular weight chitosans

Tan G, Kaya M, Tevlek A, Sargin I, Baran T
In Vitro Cellular & Developmental Biology - Animal
2018 vol: 54 (5) pp: 366-374

Bioactive compound 1,8-Cineole selectively induces G2/M arrest in A431 cells through the upregulation of the p53 signaling pathway and molecular docking studies

Sampath S, Subramani S, Janardhanam S, Subramani P, Yuvaraj A, et. al.
Phytomedicine
2018

***In vitro* comparative cytotoxicity study of a novel biocidal iodo-thiocyanate complex**

Tonoyan L, Boyd A, Fleming G, Friel R, Gately C, et. al.
Toxicology in Vitro
2018 vol: 50 pp: 264-273

Effects of oil spill response technologies on the physiological performance of the Arctic copepod *Calanus glacialis*

Toxværd K, Pančić M, Eide H, Søreide J, Lacroix C, et. al.
Aquatic Toxicology
2018 vol: 199 pp: 65-76

Design, Preparation of 3-Hydroxy Isoindolinone Cyclotripeptides, and the *In Vitro* Antitumor Activities Against Cervical Carcinoma HeLa Cells

Zhao L, Wang Z, Zhang H, Li W, Yue Q, et. al.
Journal of Heterocyclic Chemistry
2018 vol: 55 (5) pp: 1205-1218

Nitrogen-doped carbon dots for the detection of mercury ions in living cells and visualization of latent fingerprints

Ren G, Meng Y, Zhang Q, Tang M, Zhu B, et. al.
New Journal of Chemistry
2018 vol: 42 (9) pp: 6824-6830

Mitochondrial ROS cause motor deficits induced by synaptic inactivity: Implications for synapse pruning

Sidlauskaite E, Gibson J, Megson I, Whitfield P, Tovmasyan A, et. al.
Redox Biology
2018 vol: 16 pp: 344-351

Sustained Delivery of Transforming Growth Factor β 1 by Use of Absorbable Alginate Scaffold Enhances Rotator Cuff Healing in a Rabbit Model

Yoon J, Lee C, Jung J, Lee H, Lee Y, et. al.
The American Journal of Sports Medicine
2018 vol: 46 (6) pp: 1441-1450

Evaluation of the activity of β -glucosidase immobilized on polydimethylsiloxane (PDMS) with a microfluidic flow injection analyzer with embedded optical fibers

Hernández-Maya F, Cañizares-Macías M
Talanta
2018 vol: 185 pp: 53-60

Variations in abundance and diversity of phytoplankton in the surface waters of the Golden Horn Estuary (Sea of Marmara)

Dursun F, Tas S
Journal of the Marine Biological Association of the United Kingdom
2018 pp: 1-12

Attraction Pheromone of The Benthic Diatom *Seminavis robusta*: Studies on Structure-Activity Relationships

Lembke C, Stettin D, Speck F, Ueberschaar N, De Decker S, et. al.
Journal of Chemical Ecology
2018 vol: 44 (4) pp: 354-363

“Stepwise Extraction” strategy-based injectable bioresponsive composite implant for cancer theranostics

Yang B, Lin H, Dai C, Chen Y, Shi J
Biomaterials
2018 vol: 166 pp: 38-51

Influence of metal ions on biofilm formation by *Arthrobacter* sp. SUK 1205 and evaluation of their Cr(VI) removal efficacy

Dey S, Paul A
International Biodeterioration & Biodegradation
2018 vol: 132 pp: 122-131

Functional innate immunity restricts Hepatitis C Virus infection in induced pluripotent stem cell–derived hepatocytes

Schöbel A, Rösch K, Herker E
Scientific Reports
2018 vol: 8 (1) pp: 3893

ATG5 Promotes Death Signaling in Response to the Cyclic Depsipeptides Coibamide A and Apratoxin A

Wan X, Serrill J, Humphreys I, Tan M, McPhail K, et. al.

Marine Drugs

2018 vol: 16 (3) pp: 77

The possible therapeutic effect of mesenchymal stem cells on experimentally induced brain hypoxic-ischemic encephalopathy in neonatal rats

Ebrahim Salem M, Sabry D, Shamaa A

Benha Medical Journal

2018 vol: 35 (1) pp: 74

Role of cerium oxide nanoparticle-induced autophagy as a safeguard to exogenous H₂O₂-mediated DNA damage in tobacco BY-2 cells

Sadhu A, Ghosh I, Moriyasu Y, Mukherjee A, Bandyopadhyay M

Mutagenesis

2018 vol: 33 (2) pp: 161-177

Needle-less electrospinning employed for calcium and magnesium phosphate coatings on titanium substrates

Streckova M, Sopcak T, Stulajterova R, Giretova M, Medvecký L, et. al.

Surface and Coatings Technology

2018 vol: 340 pp: 177-189

RGD peptide-targeted polyethylenimine-entrapped gold nanoparticles for targeted CT imaging of an orthotopic model of human hepatocellular carcinoma

Wang M, Zhou B, Qu J, Zhou F, Song J, et. al.

Biophotonics and Immune Responses XIII

Publisher: SPIE

2018 vol: 10495 pp: 23

miR-27a-3p promotes the malignant phenotypes of osteosarcoma by targeting ten-eleven translocation 1

Liu J, Li M, Liu X, Liu F, Zhu J

International Journal of Oncology

2018 vol: 52 (4) pp: 1295-1304

Ex situ cultivation protocol for *Cystoseira amentacea* var. *stricta* (Fucales, Phaeophyceae) from a restoration perspective

Falace A, Kaleb S, De La Fuente G, Asnaghi V, Chiantore M

PLOS ONE

2018 vol: 13 (2) pp: e0193011

Annatto-entrapped casein-chitosan complexes improve whey color quality after acid coagulation of milk

Celli G, Ravanfar R, Kaliappan S, Kapoor R, Abbaspourrad A
Food Chemistry
2018 vol: 255 pp: 268-274

Overactive BRCA1 Affects Presenilin 1 in Induced Pluripotent Stem Cell-Derived Neurons in Alzheimer's Disease

Wezyk M, Szybinska A, Wojsiat J, Szczurba M, Day K, et. al.
Journal of Alzheimer's Disease
2018 vol: 62 (1) pp: 175-202

bFGF plays a neuroprotective role by suppressing excessive autophagy and apoptosis after transient global cerebral ischemia in rats

Sun D, Wang W, Wang X, Wang Y, Xu X, et. al.
Cell Death & Disease
2018 vol: 9 (2) pp: 172

Analgesic Effect of Methane Rich Saline in a Rat Model of Chronic Inflammatory Pain

Zhou S, Zhou Y, Ji F, Li H, Lv H, et. al.
Neurochemical Research
2018 vol: 43 (4) pp: 869-877

Heat shock protein-guided dual-mode CT/MR imaging of orthotopic hepatocellular carcinoma tumor

Wang R Luo Y Li X Ji A Guo R et. al.
Journal of Materials Chemistry B
2018 vol: 6 (9) pp: 1342-1350

Protective role of Emblica officinalis hydro-ethanolic leaf extract in cisplatin induced nephrotoxicity in Rats

Purena R, Seth R, Bhatt R
Toxicology Reports
2018 vol: 5 pp: 270-277

Stepwise Mechanism of Temperature-Dependent Coacervation of the Elastin-like Peptide Analogue Dimer, (C(WPGVG)₃)₂

Tatsubo D, Suyama K, Miyazaki M, Maeda I, Nose T
Biochemistry
2018 vol: 57 (10) pp: 1582-1590

Nano-engineering of biomedical prednisolone liposomes: evaluation of the cytotoxic effect on human colon carcinoma cell lines

Lorente C, Arias J, Cabeza L, Ortiz R, Prados J, et. al.

Journal of Pharmacy and Pharmacology

2018 vol: 70 (4) pp: 488-497

New Antimicrobial Potential and Structural Properties of PAFB: A Cationic, Cysteine-Rich Protein from *Penicillium chrysogenum* Q176

Huber A, Hajdu D, Bratschun-Khan D, Gáspári Z, Varbanov M, et. al.

Scientific Reports

2018 vol: 8 (1) pp: 1751

A novel sperm adaptation to evolutionary constraints on reproduction: Pre-ejaculatory sperm activation in the beach spawning capelin (*Osmeridae*)

Beirão J, Lewis J, Wringe B, Purchase C

Ecology and Evolution

2018 vol: 8 (4) pp: 2343-2349

^{99m}Tc-Labeled RGD–Polyethylenimine Conjugates with Entrapped Gold Nanoparticles in the Cavities for Dual-Mode SPECT/CT Imaging of Hepatic Carcinoma

Zhou B, Wang R, Chen F, Zhao L, Wang P, et. al.

ACS Applied Materials & Interfaces

2018 vol: 10 (7) pp: 6146-6154

Myeloid Heme Oxygenase-1 Regulates the Acute Inflammatory Response to Zymosan in the Mouse Air Pouch

Brines R, Catalán L, Alcaraz M, Ferrándiz M

Oxidative Medicine and Cellular Longevity

2018 vol: 2018 pp: 1-8

Formulating orange oil-in-water beverage emulsions for effective delivery of bioactives: Improvements in chemical stability, antioxidant activity and gastrointestinal fate of lycopene using carrier oils

Meroni E, Raikos V

Food Research International

2018 vol: 106 pp: 439-445

Loss of zebrafish *Smyd1a* interferes with myofibrillar integrity without triggering the misfolded myosin response

Paone C, Rudeck S, Etard C, Strähle U, Rottbauer W, et. al.

Biochemical and Biophysical Research Communications

2018 vol: 496 (2) pp: 339-345

Interfering with HuR–RNA Interaction: Design, Synthesis and Biological Characterization of Tanshinone Mimics as Novel, Effective HuR Inhibitors

Manzoni L, Zucal C, Maio D, D'Agostino V, Thongon N, et. al.

Journal of Medicinal Chemistry

2018 vol: 61 (4) pp: 1483-1498

Design of Phase-Changeable and Injectable Alginate Hydrogel for Imaging-Guided Tumor Hyperthermia and Chemotherapy

Zhao J, Li J, Zhu C, Hu F, Wu H, et. al.

ACS Applied Materials & Interfaces

2018 vol: 10 (4) pp: 3392-3404

meso-Tetrahydroxyphenylchlorin-Conjugated Gold Nanoparticles as a Tool To Improve Photodynamic Therapy

Haimov E, Weitman H, Polani S, Schori H, Zitoun D, et. al.

ACS Applied Materials & Interfaces

2018 vol: 10 (3) pp: 2319-2327

NQO1 downregulation potentiates menadione-induced endothelial-mesenchymal transition during rosette formation in Fuchs endothelial corneal dystrophy

Katikireddy K, White T, Miyajima T, Vasanth S, Raoof D, et. al.

Free Radical Biology and Medicine

2018 vol: 116 pp: 19-30

Hydrolysis, setting properties and *in vitro* characterization of wollastonite/newberyite bone cement mixtures

Sopcak T, Medvecký L, Giretova M, Stulajterova R, Durisin J

Journal of Biomaterials Applications

2018 vol: 32 (7) pp: 871-885

Classification of cancer cells using computational analysis of dynamic morphology

Hasan M, Hassan N, Khan R, Kim Y, Iqbal S

Computer Methods and Programs in Biomedicine

2018 vol: 156 pp: 105-112

Publications 2017

Labeling and identifying cell-specific proteomes in the mouse brain

Krogager T, Ernst R, Elliott T, Calo L, Beránek V, et. al.

Nature Biotechnology

2017 vol: 36 (2) pp: 156-159

Does vitamin C have the ability to augment the therapeutic effect of bone marrow-derived mesenchymal stem cells on spinal cord injury?

Salem N, Salem M, Elmaghrabi M, Elawady M, Elawady M, et. al.

Neural regeneration research

2017 vol: 12 (12) pp: 2050-2058

Bottom-up synthesis of ultra-small molybdenum disulfide-polyvinylpyrrolidone nanosheets for imaging-guided tumor regression

Zhao J, Zhou C, Li M, Li J, Li G, et. al.

Oncotarget

2017 vol: 8 (63) pp: 106707-106720

Dicalcium Phosphate Coated with Graphene Synergistically Increases Osteogenic Differentiation *In Vitro*

Lee J, Shin Y, Song S, Cha J, Hong S, et. al.

Coatings

2017 vol: 8 (1) pp: 13

Bee Venom Suppresses the Differentiation of Preadipocytes and High Fat Diet-Induced Obesity by Inhibiting Adipogenesis

Cheon S, Chung K, Roh S, Cha Y, An H

Toxins

2017 vol: 10 (1) pp: 9

Labeling and identifying cell-specific proteomes in the mouse brain

Krogager T, Ernst R, Elliott T, Calo L, Beránek V, et. al.

Nature Biotechnology

2017 vol: 36 (2) pp: 156-159

Antitumor effects of matrine on cancer stem like cells isolated from the human liver cancer SMMC-7721 cell line

Wang Y, Liu Y, Jiang J, Cui H

Oncology Letters

2017 vol: 15 (2) pp: 1777-1782

Obtaining Multi-electrode Array Recordings from Human Induced Pluripotent Stem Cell-Derived Neurons

Xu X, Radulescu C, Utami K, Pouladi M

BIO-PROTOCOL

2017 vol: 7 (22)

Smad4 SUMOylation is essential for memory formation through upregulation of the skeletal myopathy gene *TPM2*

Hsu W, Ma Y, Liu Y, Lee E

BMC Biology

2017 vol: 15 (1) pp: 112

msaABCR* operon is involved in persister cell formation in *Staphylococcus aureus

Sahukhal G, Pandey S, Elasri M

BMC Microbiology

2017 vol: 17 (1) pp: 218

Toxicological characterization of ZnO nanoparticles in malignant and non-malignant cells

Moratin H, Scherzad A, Gehrke T, Ickrath P, Radeloff K, et. al.

Environmental and Molecular Mutagenesis

2017

Reduced Dnmt3a increases Gdf5 expression with suppressed satellite cell differentiation and impaired skeletal muscle regeneration

Hatazawa Y, Ono Y, Hirose Y, Kanai S, Fujii N, et. al.

FASEB journal : official publication of the Federation of American Societies for Experimental Biology

2017 pp: fj.201700573R

Physicochemical stability, antioxidant properties and bioaccessibility of β -carotene in orange oil-in-water beverage emulsions: influence of carrier oil types

Meroni E, Raikos V

Food & Function

2017

Desflurane inhibits endothelium-dependent vasodilation more than sevoflurane with inhibition of endothelial nitric oxide synthase by different mechanisms

Kazuma S, Tokinaga Y, Takada Y, et. al.

Biochemical and Biophysical Research Communications

2017

Drug-tunable multidimensional synthetic gene control using inducible degron-tagged dCas9 effectors

Kleinjan D, Wardrope C, Nga Sou S, Rosser S

Nature Communications

2017 vol: 8 (1) pp: 1191

Polysaccharide-experienced effector T cells induce IL-10 in FoxP3+ regulatory T cells to prevent pulmonary inflammation

Johnson J, Jones M, Cobb B

Glycobiology

2017 pp: 1-9

Exposure to endocrine disrupting chemicals perturbs lipid metabolism and circadian rhythms

Kopp R, Martínez I, Legradi J, Legler J

Journal of Environmental Sciences

2017

The antibacterial and anti-inflammatory investigation of *Lawsonia Inermis*-gelatin-starch nano-fibrous dressing in burn wound

Hadisi Z, Nourmohammadi J, Nassiri S

International Journal of Biological Macromolecules

2017

The Short-Chain Fatty Acid Propionate Inhibits Adipogenic Differentiation of Human Chorion-Derived Mesenchymal Stem Cells Through the Free Fatty Acid Receptor 2

Iván J, Major E, Sipos A, Kovács K, Horváth D, et. al.

Stem Cells and Development

2017 vol: 26 (23) pp: 1724-1733

Iron oxide nanoparticles with different polymer coatings for photothermal therapy

Yang J, Fan L, Xu Y, Xia J

Journal of Nanoparticle Research

2017 vol: 19 (10) pp: 333

Design of injectable agar-based composite hydrogel for multi-mode tumor therapy

Wu C, Zhao J, Hu F, et. al.

Carbohydrate Polymers

2018 vol: 180 pp: 112-121

(R)- α -Lipoyl-Gly- L-Pro- L-Glu dimethyl ester as dual acting agent for the treatment of Alzheimer's disease

Marinelli L, Fornasari E, Di Stefano A, et. al.

Neuropeptides

2017 vol: 66 pp: 52-58

Biofabricating atherosclerotic plaques: *In vitro* engineering of a three-dimensional human fibroatheroma model

Mallone A, Stenger C, Von Eckardstein A, Hoerstrup S, Weber B

Biomaterials

2018 vol: 150 pp: 49-59

Induction of oxidative stress by anticancer drugs in the presence and absence of cells

Yokoyama C, Sueyoshi Y, Ema M, Mori Y, Takaishi K, et. al.

Oncology Letters

2017

***In vitro* and *in vivo* study of microporous ceramics using MC3T3 cells, CAM assay and a pig animal model**

Tomco M, Petrovova E, Giretova M, Almasiova V, Holovska K, et. al.

Anatomical Science International

2017 vol: 92 (4) pp: 569-580

Knockdown of TGIF attenuates the proliferation and tumorigenicity of EC109 cells and promotes cisplatin-induced apoptosis

Wang Y, Pan T, Li L, Wang H, Li J, et. al.

Oncology Letters

2017

Karyotype variation of CHO host cell lines over time in culture characterized by chromosome counting and chromosome painting

Vcelar S, Jadhav V, Melcher M, Auer N, Hrdina A, et. al.

Biotechnology and Bioengineering

2018 vol: 115 (1) pp: 165-173

Folate chitosan conjugated doxorubicin and pyropheophorbide acid nanoparticles (FCDP-NPs) for enhance photodynamic therapy

Li W, Tan G, Zhang H, Wang Z, Jin Y

RSC Adv.

2017 vol: 7 (70) pp: 44426-44437

Correlation between microstructures and mechanical properties under tensile and compression tests of heat-treated Ti-6Al-4 V ELI alloy produced by additive manufacturing for biomedical applications

Longhitano G, Larosa M, Jardini A, Zavaglia C, Ierardi M

Journal of Materials Processing Technology

2018 vol: 252 pp: 202-210

Discovering the miR-26a-5p Targetome in Prostate Cancer Cells

Rizzo M, Berti G, Russo F, et. al.

Journal of Cancer

2017 vol: 8 (14) pp: 2729-2739

Role of cytochrome P450 2J2 on cell proliferation and resistance to an anticancer agent in hepatocellular carcinoma HepG2 cells

Hwang G, Park S, Han H, Baek K, Kim J, et. al.
Oncology Letters
2017

Cellular cholesterol is required for porcine nidovirus infection

Jeon J, Lee C
Archives of Virology
2017 vol: 162 (12) pp: 3753-3767

The development of a monolith-based purification process for Orthopoxvirus vaccinia virus Lister strain

Vincent D, Kramberger P, Hudej R, et. al.
Journal of Chromatography A
2017 vol: 1524 pp: 87-100

PTHrP is essential for normal morphogenetic and functional development of the murine placenta

Duval C, Dilworth M, Tunster S, Kimber S, Glazier J
Developmental Biology
2017 vol: 430 (2) pp: 325-336

The anti-cancer potency of photodynamic therapy of a novel chlorin derivative Amidochlorin p6 (ACP)

Zhang H, Li W, Tan G, Ding G, Wang Z, et. al.
RSC Advances
2017 vol: 7 (65) pp: 40873-40880

An RGD-modified hollow silica@Au core/shell nanoplatform for tumor combination therapy

Li X, Xing L, Hu Y, et. al.
Acta Biomaterialia
2017 vol: 62 pp: 273-283

Optimization of Storage Temperature for Retention of Undifferentiated Cell Character of Cultured Human Epidermal Cell Sheets

Jackson C, Reppe S, Eidet J, Eide L, Tønseth K, et. al.
Scientific reports
2017 vol: 7 (1) pp: 8206

Automated Microfluidic Filtration and Immunocytochemistry Detection System for Capture and Enumeration of Circulating Tumor Cells and Other Rare Cell Populations in Blood

Pugia M, Magbanua M, Park J

Publisher: Humana Press, New York, NY
2017 pp: 119-131

Facile synthesis of a highly water-soluble graphene conjugated chlorophyll-a photosensitizer composite for improved photodynamic therapy *in vitro*

Zhang H, Cheng J, Li W, Tan G, Wang Z, et. al.
New Journal of Chemistry
2017 vol: 41 (18) pp: 10069-10082

Polyaniline-loaded γ -polyglutamic acid nanogels as a platform for photoacoustic imaging-guided tumor photothermal therapy

Zhou Y, Hu Y, Sun W, Zhou B, Zhu J, et. al.
Nanoscale
2017 vol: 9 (34) pp: 12746-12754

Black hollow silicon oxide nanoparticles as highly efficient photothermal agents in the second near-infrared window for *in vivo* cancer therapy

Yu X, Yang K, Chen X, Li W
Biomaterials
2017 vol: 143 pp: 120-129

The Development of Steady-State Activation Hubs between Adult LT α ILC3s and Primed Macrophages in Small Intestine.

Savage A, Liang H, Locksley R
Journal of immunology (Baltimore, Md. : 1950)
2017 vol: 199 (5) pp: 1912-1922

Surfactant properties of PEGylated lignins: Anomalous interfacial activities at low grafting density

Perkins K, Gupta C, Charleson E, Washburn N
Colloids and Surfaces A: Physicochemical and Engineering Aspects
2017 vol: 530 pp: 200-208

Differential effects of FTY720 on the B cell compartment in a mouse model of multiple sclerosis

Bail K, Notz Q, Rovituso D, Schampel A, Wunsch M, et. al.
Journal of Neuroinflammation
2017 vol: 14 (1) pp: 148

Continuous-Flow LVAD Support Causes a Distinct Form of Intestinal Angiodysplasia

Kang J, Hennessy-Strahs S, Kwiatkowski P, Bermudez C, Acker M, et. al.
Circulation research
2017 vol: 121 (8) pp: 963-969

Understanding the main route of drug entry in adult *Fasciola hepatica*: Further insights into closantel pharmacological activity

Ceballos L, Canton C, Cadenazzi G, et. al.

Experimental Parasitology

2017 vol: 181 pp: 23-29

Can calcein and alizarin complexone be used for double immersion marking of juvenile qingbo *Spinibarbus sinensis*?

Lü H, Chapelsky A, Zhang Z, Li R, Rao W, et. al.

Fisheries Science

2017 vol: 83 (5) pp: 767-776

The in vitro photodynamic activity, photophysical and photochemical research of a novel chlorophyll-derived photosensitizer

Tan G, Wang Q, Zhang H, Cheng J, Wang Z, et. al.

Medicinal Chemistry Research

2017 vol: 26 (10) pp: 2639-2652

Tribological Study of Fe–W–P Electrodeposited Coating on 316 L Stainless Steel

Zouch F, Antar Z, Bahri A, Elleuch K, Ürgen M

Journal of Tribology

2017 vol: 140 (1) pp: 011301

Genetic characteristics, pathogenicity, and immunogenicity associated with cell adaptation of a virulent genotype 2b porcine epidemic diarrhea virus

Lee S, Son K, Noh Y, Lee S, Choi H, Yoon I, Lee C

Veterinary Microbiology

2017 vol: 207 pp: 248-258

Evaluation of in vitro anticancer activity of 1,8-Cineole–containing *n*-hexane extract of *Callistemon citrinus* (Curtis) Skeels plant and its apoptotic potential

Sampath S, Veeramani V, Krishnakumar G, Sivalingam U, Madurai S, Chellan R

Biomedicine & Pharmacotherapy

2017 vol: 93 pp: 296-307

Chloroplast aggregation during the cold-positioning response in the liverwort *Marchantia polymorpha*

Tanaka H, Sato M, Ogasawara Y, Hamashima N, Buchner O, et. al.

Journal of Plant Research

2017 vol: 130 (6) pp: 1061-1070

Prey diversity effects on ecosystem functioning depend on consumer identity and prey composition

Wohlgemuth D, Filip J, Hillebrand H, Moorthi S

Oecologia

2017 pp: 1-9

Bottom-up synthesis of WS2 nanosheets with synchronous surface modification for imaging guided tumor regression

Wang S, Zhao J, Yang H, Wu C, Hu F, et. al.

Acta Biomaterialia

2017

Autoregulation of RBM10 and cross-regulation of RBM10/RBM5 via alternative splicing-coupled nonsense-mediated decay

Sun Y, Bao Y, Han W, Song F, Shen X, et. al.

Nucleic Acids Research

2017 vol: 9 pp: e1003628

Role of NETs in the difference in host susceptibility to *Toxoplasma gondii* between sheep and cattle

Yildiz K, Gokpinar S, Gazyagci A, Babur C, Sursal N, et. al.

Veterinary Immunology and Immunopathology

2017 vol: 189 pp: 1-10

L-Arginine intercedes bio-crosslinking of a collagen-chitosan 3D-hybrid scaffold for tissue engineering and regeneration: *in silico*, *in vitro*, and *in vivo* studies

Udhayakumar S, Shankar K, Sowndarya S, Venkatesh S, Muralidharan C, et. al.

RSC Adv.

2017 vol: 7 (40) pp: 25070-25088

Exosomes mediate interepithelial transfer of functional P-glycoprotein in chronic rhinosinusitis with nasal polyps

Nocera A, Miyake M, Seifert P, Han X, Bleier B

The Laryngoscope

2017

Studies of the DNA Damage Response by Using the Lac Operator/Repressor (LacO/LacR) Tethering System

Piccinno R, Cipinska M, Roukos V

ATM Kinase

2017 pp: 263-275

An Injectable System for Local and Sustained Release of Antimicrobial Agents in the Periodontal Pocket

Morelli L, Cappelluti M, Ricotti L, Lenardi C, Gerges I

Macromolecular Bioscience

2017 pp: 1700103

The landscape of BRAF transcript and protein variants in human cancer

Marranci A, Jiang Z, Vitiello M, Guzzolino E, Comelli L, et. al.

Molecular Cancer

2017 vol: 16 (1) pp: 85

Study on the thermal and mechanical properties of novel neutron shielding composite laminates at elevated temperature

Fu X, Hu Y, Li H, Tao J

Materials Science and Engineering: A

2017 vol: 697 pp: 101-110

Aquatic microfauna alter larval food resources and affect development and biomass of West Nile and Saint Louis encephalitis vector *Culex nigripalpus* (Diptera: Culicidae)

Duguma D, Kaufman M, Simas Domingos A

Ecology and Evolution

2017 vol: 7 (10) pp: 3507-3519

Modeling the Mutational and Phenotypic Landscapes of Pelizaeus-Merzbacher Disease with Human iPSC-Derived Oligodendrocytes

Nevin Z, Factor D, Karl R, Douvaras P, Laukka J, et. al.

The American Journal of Human Genetics

2017 vol: 100 (4) pp: 617-634

Methoxy group substitution on catechol ring of dopamine facilitates its polymerization and formation of surface coatings

Zhang J, Cheah Y, Santhanakrishnan S, Neoh K, Chai C

Polymer

2017 vol: 116 pp: 5-15

Enhancement of electro-chemical properties of TiO₂ nanotubes for biological interfacing

Khudhair D, Amani Hamedani H, Gaburro J, Shafei S, Nahavandi S, et. al.

Materials Science and Engineering: C

2017 vol: 77 pp: 111-120

IDH-Inhibiting Small Molecule DTDQ Inhibits Migration and Invasion of A549 Human Non-Small-Cell Lung Cancer Cells via Sequential Inactivation Of ERK and P38 Signaling Pathways

Park S, Lee J, Lee S

Cell Biochemistry and Biophysics
2017 pp: 1-9

Influence of pH and aurate/amino acid ratios on the tuneable optical features of gold nanoparticles and nanoclusters

Csapó E, Ungor D, Kele Z, Baranyai P, Deák A, et. al.
Colloids and Surfaces A: Physicochemical and Engineering Aspects
2017

Nitrogen starvation-induced cellular crosstalk of ROS-scavenging antioxidants and phytohormone enhanced the biofuel potential of green microalga *Acutodesmus dimorphus*

Chokshi K, Pancha I, Ghosh A, Mishra S
Biotechnology for Biofuels
2017 vol: 10 (1) pp: 60

Feeding characteristics and molecular phylogeny of the thecate mixotrophic dinoflagellate *Fragilidium mexicanum*

Kim S, Park M
Harmful Algae
2017 vol: 63 pp: 154-163

Ig-like domain 6 of VCAM-1 is a potential therapeutic target in TNF α -induced angiogenesis

Kim T, Park C, Na H, Lee K, Yoon A, et. al.
Experimental & Molecular Medicine
2017 vol: 49 (2) pp: e294

Dual roles of protein tyrosine phosphatase kappa in coordinating angiogenesis induced by pro-angiogenic factors

Sun P, Chen G, Mason M, Jiang W, Ye L
International Journal of Oncology
2017

Effect of bioglass 45S5 addition on properties, microstructure and cellular response of tetracalcium phosphate/monetite cements

Stulajterova R, Medvecký L, Giretova M, Sopcak T, Kovalčíková A
Materials Characterization
2017 vol: 126 pp: 104-115

Improved antitumor activity and reduced toxicity of doxorubicin encapsulated in poly(ϵ -caprolactone) nanoparticles in lung and breast cancer treatment: An *in vitro* and *in vivo* study

Cabeza L, Ortiz R, Prados J, Delgado Á, Martín-Villena M, et. al.
European Journal of Pharmaceutical Sciences
2017 vol: 102 pp: 24-34

Epigenetic regulation of HDAC1 SUMOylation as an endogenous neuroprotection against A β toxicity in a mouse model of Alzheimer's disease

Tao C, Hsu W, Ma Y, Cheng S, Lee E

Cell Death and Differentiation

2017 vol: 24 (4) pp: 597-614

Anti-allergic activity of 2,4,6-trihydroxy-3-geranylacetophenone (tHGA) via attenuation of IgE-mediated mast cell activation and inhibition of passive systemic anaphylaxis

Tan J, Israif D, Harith H, Md Hashim N, Ng C, et. al.

Toxicology and Applied Pharmacology

2017 vol: 319 pp: 47-58

High strain rate superplasticity in an Al–Mg–Sc–Zr alloy processed via simple rolling

Li M, Pan Q, Shi Y, Sun X, Xiang H

Materials Science and Engineering: A

2017 vol: 687 pp: 298-305

Beta-agonist stimulation ameliorates the phenotype of spinal and bulbar muscular atrophy mice and patient-derived myotubes

Milioto C, Malena A, Maino E, et. al.

Scientific Reports

2017 vol: 7 pp: 41046

Using PEGylated iron oxide nanoparticles with ultrahigh relaxivity for MR imaging of an orthotopic model of human hepatocellular carcinoma

Wang R, Hu Y, Yang Y, Xu W, Yao M, et. al.

Journal of Nanoparticle Research

2017 vol: 19 (2) pp: 39

Functional analysis reveals that *RBM10* mutations contribute to lung adenocarcinoma pathogenesis by deregulating splicing

Zhao J Sun Y Huang Y et. al.

Scientific Reports

2017 vol: 7 pp: 40488

Suppression of Root-Knot Nematode by Vermicompost Tea Prepared From Different Curing Ages of Vermicompost

Mishra S, Wang K, Sipes B, Tian M

Plant Disease

2017 vol: 101 (5) pp: 734-737

Stability of the cancer target DDIAS is regulated by the CHIP/HSP70 pathway in lung cancer cells

Won K, Im J, Kim B, Ban H, Jung Y, et. al.

Cell Death and Disease

2017 vol: 8 (1) pp: e2554

Synthesis and *in vitro* photodynamic therapy of chlorin derivative 13¹-*ortho*-trifluoromethyl-phenylhydrazone modified pyropheophorbide-a

Cheng J, Li W, Tan G, Wang Z, Li S, et. al.

Biomedicine & Pharmacotherapy

2017 vol: 87 pp: 263-273

Marrow-inspired matrix cues rapidly affect early fate decisions of hematopoietic stem and progenitor cells

Choi J, Harley B

Science Advances

2017 vol: 3 (1)

SNEV^{hPrp19/hPso4} Regulates Adipogenesis of Human Adipose Stromal Cells

Khan A, Dellago H, Terlecki-Zaniewicz L, Karbiener M, Weilner S, et. al.

Stem Cell Reports

2017 vol: 8 (1) pp: 21-29

Domoic Acid Variations in Response to Environmental Conditions in an Eutrophic Estuary, Golden Horn (Turkey)

Dursun F, Unlu S, Tas S, Yurdun T

Turkish Journal of Fisheries and Aquatic Sciences

2017 vol: 17 (4)

Cigarette smoke extracts induce overexpression of the proto-oncogenic gene interleukin-13 receptor $\alpha 2$ through activation of the PKA-CREB signaling pathway to trigger malignant transformation of lung vascular endothelial cells and angiogenesis

Meng M, Liao H, Zhang B, Pan Y, Kong Y, et. al.

Cellular Signalling

2017 vol: 31 pp: 15-25

Multifunctional PEI-entrapped gold nanoparticles enable efficient delivery of therapeutic siRNA into glioblastoma cells

Kong L, Qiu J, Sun W, Yang J, Shen M, et. al.

Biomater. Sci.

2017 vol: 157 pp: 55-63

Fabrication and characterization of microsieve electrode array (μ SEA) enabling cell positioning on 3D electrodes

Schurink B, Tiggelaar R, Gardeniers J, Luttge R, Obien M, et. al.

Journal of Micromechanics and Microengineering

2017 vol: 27 (1) pp: 015017

Highly water-absorbing silk yarn with interpenetrating network via *in situ* polymerization

Lee K, Wang X, Guo X, Yung K, Fei B

International Journal of Biological Macromolecules

2017 vol: 95 pp: 826-832

Publications 2016

Protective effect of VK2 on glucocorticoid-treated MC3T3-E1 cells

Zhang Y, Yin J, Ding H, Zhang W, Zhang C, et. al.

International Journal of Molecular Medicine

2016

The effect of cumulus cells on domestic cat (*Felis catus*) oocytes during *in vitro* maturation and fertilization

Sowińska N, Frankowska K, Filipczyk A, Adamaszek A, Nalik K, et. al.

Reproduction in Domestic Animals

2016

Engineered human pluripotent-stem-cell-derived intestinal tissues with a functional enteric nervous system

Workman M, Mahe M, Trisno S, Poling H, Watson C, et. al.

Nature Medicine

2016

Total polyphenols content in white wines on a microfluidic flow injection analyzer with embedded optical fibers

Oscar S, Fernando O, del Pilar C

Food Chemistry

2017 vol: 221 pp: 1062-1068

Reduced Expression of Cytoskeletal and Extracellular Matrix Genes in Human Adult Retinal Pigment Epithelium Cells Exposed to Simulated Microgravity

Corydon T, Mann V, Slumstrup L, Kopp S, Sahana J, et. al.

Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology

2016 vol: 40 (1-2) pp: 1-17

Establishment of induced pluripotent stem cell (iPSC) line from 55-year old male patient with hemorrhagic Moyamoya disease

Cardano M, Marsoner F, Marcatili M, Karnavas T, Zasso J, et. al.
Stem Cell Research
2016 vol: 17 (3) pp: 623-626

Generation and characterization of an induced pluripotent stem cell (iPSC) line from a patient with clozapine-resistant Schizophrenia

Marsoner F, Marcatili M, Karnavas T, Bottai D, D'Agostino A, Scarone S, Conti L
Stem Cell Research
2016 vol: 17 (3) pp: 661-664

In It for the Long Haul: The Cytocompatibility of Aged Graphene Oxide and Its Degradation Products

Holt B, Arnold A, Sydlik S
Advanced Healthcare Materials
2016 vol: 5 (23) pp: 3056-3066

Fractional laser photothermolysis using Bessel beams

Mignon C, Rodriguez A, Palero J, Varghese B, Jurna M
Biomedical Optics Express
2016 vol: 7 (12) pp: 4974

Synchronization and Desynchronization of Cells by Interventions on the Spindle Assembly Checkpoint

Jemaà M, Manic G, Vitale I
2017 pp: 77-95

Establishment of induced pluripotent stem cell (iPSC) line from an 8-year old female patient with ischemic Moyamoya disease

Cardano M, Marsoner F, Zasso J, Marcatili M, Karnavas T, et. al.
Stem Cell Research
2016 vol: 17 (3) pp: 619-622

MMP-3 Deficiency Alleviates Endotoxin-Induced Acute Inflammation in the Posterior Eye Segment

Van Hove I, Lefever E, De Groef L, Sergeys J, Salinas-Navarro M, et. al.
International Journal of Molecular Sciences
2016 vol: 17 (11) pp: 1825

Investigation of manifestation of optical properties of butterfly wings with nanoscale zinc oxide incorporation

Aideo S, Mohanta D

Journal of Physics: Conference Series

2016 vol: 765 pp: 012019

Diversified actin protrusions promote environmental exploration but are dispensable for locomotion of leukocytes

Leithner A, Eichner A, Müller J, Reversat A, Brown M, et. al.

Nature Cell Biology

2016 vol: 18 (11) pp: 1253-1259

Impact of selective anti-BMP9 treatment on tumor cells and tumor angiogenesis

Brand V, Lehmann C, Umkehrer C, Bissinger S, Thier M, et. al.

Molecular Oncology

2016 vol: 10 (10) pp: 1603-1620

Effect of enzymatic degradation of chitosan in polyhydroxybutyrate/chitosan/calcium phosphate composites on in vitro osteoblast response

Giretova M, Medvecký L, Stulajterová R, Sopčák T, Briancin J, et. al.

Journal of Materials Science: Materials in Medicine

2016 vol: 27 (12) pp: 181



Leica Microsystems GmbH | Ernst-Leitz-Strasse 17–37 | D-35578 Wetzlar (Germany)
Tel. +49 (0) 6441 29-40 00 | F +49 (0) 6441 29-41 55

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