

PTERM2018 Schedule
November 17 – 19, 2018 **Tehran, Iran**

| First Day, Saturday | | |
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| 7:00 - 8:00, Lobby | Registration | Presenter |
| 8:00 - 10:00, Hall 1 | Panel: Nervous System | |
| | Presidium: Mohammad Taghi Joghataei, Jafar Ai, Vafa Rahimi-Movaghar, Noor Ahmad Latifi | |
| | Designing Ideal Conduits for Peripheral Nerve Regeneration Based on Polyglycolic Acid/ Collagen/ Nano-Bioglass | Navid Dehnavi |
| | The Effect of Mesenchymal Stem Cell-Conditioned Medium on Proliferation and Apoptotic Markers Expression of U87mg Glioma Cell Line | Ali Mohammad Dehghani Firouzabadi |
| | Transdifferentiation of Human Dental Pulp Stem Cells Into Motor Neurons Using Chitosan-Intercalated Montmorillonite/Poly(Vinyl Alcohol) Nanofibrous Mesh | Hatef Ghasemi |
| | Effect of Rosmarinic Acid on Neuronal Like Differentiation of Wharton's Jelly Stem Cells | Mohsen Salmanvandi |
| | Nanofibrous Electrospun Scaffold Induces Neural Phenotype Differentiation From Embryonic Stem Cells | Maryam Nazm Bojnordi |
| 8:00 - 10:00, Hall 2 | Panel: Cell Therapy | |
| | Presidium: Javad Verdi, Samad Nadri, Hojatollah Nozad, Naser Amini, Alireza Farsinejad | |
| | Injection of Olfactory Ectomesenchymal Stem Cell into The Substantia Nigra Improve Symptoms of Parkinson's Mode | Sara Simorgh |
| | Adipose-Derived Mesenchymal Stem Cells (Admsc) for The Treatment of Secondary-Progressive Multiple Sclerosis: A Triple Blinded, Placebo Controlled, Randomized Phase I/li Safety and Feasibility Study | Seyed Ehsan Asadi |
| | Biology Principles of Nk Cell Therapy | Hojattollah Nozad |
| | The Co-Transplantation of Adipose Tissue-Derived Mesenchymal Stem Cells Reduced Marginal Mass Required in Omental Islet Transplantation | Mona Navaei Nigjeh |
| | Cell Therapy of Lung Metastatic Melanoma Using Mscs With Tsp1 in Animal Model | Javad Verdi |
| 10:00 - 10:30, Lobby | Tea and Coffee Break | |
| 10:30 - 12:30, Hall 1 | Opening Ceremony | |
| 12:30 - 13:30 | Pray and Lunch Break | |
| 13:30 - 15:30, Hall 1 | Panel: Stem Cell Biology | |
| | Presidium: Seyed Javad Mowla, Negar Azarpira, Behrouz Aflatoonianm, Zahra Majd, Seyed Abdolreza Mortazavi Tabatabaei, Hamid Reza Rahimi | |
| | Stem cell-derived extracellular vesicles in regenerative medicine | Negar Azarpira |
| | Fabrication and Characterization of Polycaprolactone/Chitosan/Probiotic Bacterial Supernatant Scaffold for Modulation of Transforming Growth Factor Beta Expression in Mesenchymal Stem Cells | Zeinab Nokhbedehghan |
| | The Effect of Lps Treated Adipose Tissue-Derived Mesenchymal Stem Cells Conditioned Media on Nitric Oxide Production and Phagocytostic Activity of Peritoneal Macrophages | Zahra Khosrowpour |
| | Enrichment of Cancer Stem Cells and Their Derived Exosomes From Ht-29 Cell Line For Dendritic Cell Pulsing | Marzie Naseri |
| | Qualitative and Quantitative Evaluation of Cell Adhesion to The Substrate | Samaneh Nemati |
| | Evaluation of Blimp-1 Gene Expression in Co-Culture Of B-Cells and Msc-Cells With Ido1 Over Expression Under Inducible Promoter of Doxycycline | Mahnaz Zeighami |

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| 13:30 - 15:30, Hall 2 | Panel: Soft Tissue Engineering | |
| | Presidium: Abdol Mohammad Kajbafzadeh, Farzad Rajaei, Mohammad Ali Shokrgozar, Ali Kamalian, Arash Sarveazad | |
| | | Abdol Mohammad Kajbafzadeh |
| | Design and Fabrication of Polycaprolactone/Gelatin Scaffolds Reinforced With 3d-Printed Pcl Meshes for The Treatment of Hemidiaphragm Hernias | Tina Navaei |
| | Glutathione Redox System Plays A Pivotal Role Is Protection Against Oxidative Stress of Hepatocytes Differentiated From Human Mesenchymal Stem Cells | Abdolamir Allameh |
| | Characterization and Validation of Hepatocellular Carcinoma (Hcc) Xenograft Tumor as A Suitable Liver Cancer Model for Preclinical Mesenchymal Stem Cell Studies | Saieh Hajighasemlou |
| | Comparison of Placenta Decellularization Protocols for Tissue Engineering Purposes | Roya Sajed |
| | A New Method for Treating Fecal Incontinence by Implanting Stem Cells Derived From Human Adipose Tissue: Phase I /li Randomized Double Blind Clinical Trial | Arash Sarvazad |
| | Introducing Various Decellularized Ovine Small Intestine Sub Mucosal Layer as A New Source of Biological Scaffold For Tissue Engineering Applications | Morteza Rashtbari |
| Second Day, Sunday | | |
| 8:00 - 10:00, Hall 1 | Panel: Tissue Engineering in Eye | |
| | Presidium: Alireza Baradaran –Rafii, Bita Mehravi, Navahi, Hamed Ghasemi, Seyed Kamran Kamrava | |
| | Biomaterial for Corneal Tissue Engineering | Amin Orash Mahmoud Salehi |
| | Thermosensitive Hydrogel Based on Ha/Chitosan for Cornea Tissue Engineering | Mohammad Mehdi Mobarki |
| | Retina tissue engineering using conjunctivae -derived mesenchymal stem cells and fibrinogen hydrogel | Solimanjad |
| | New drug delivery to eyes with the help of nanoparticles | Bita Mehravi |
| 8:00 - 10:00, Hall 2 | Panel: Tissue Engineering in Musculoskeletal System | |
| | Presidium: Mehdi Moghtadaei, Mohammadreza Baghban Eslaminezhad, Aliakbar Alizadeh, Mahdi Hadi, Mohammad Hosein Ebrahimzadeh | |
| | Platelet Lysate Incorporating with Alginate Sodium- Chondroitin Sulfate Hydrogel Enhances Chondrocyte Differentiation of Human Bone Marrow Derived Mesenchymal Stem Cells | Shahrbanoo Jahangir |
| | Synthesis, Characterization, and Biocompatibility Evaluation of A Bioactive Glasses Containing Magnesium in Order to Bone Tissue Engineering | Moein Amoupour |
| | The Synergetic Effect of Elastic Modulus of Sponge Silk Fibroin Scaffold and Osteogenic Medium on Apical Papilla Stem Cell Differentiation to Osteoblasts | Mehdi Amirikia |
| | The Role of Platelet-Rich Plasma in The Musculoskeletal Tissue Engineering | Ali Akbar Alizadeh |
| | Tissue Engineering of Intervertebral Disc By Stem Cell and Injectable Hydrogel | Masoud Ghorbani |
| | Evaluation of The Effect of Collagen- Based Scaffolds Porosity on Human Chondrocyte Cell Culture in Cartilage Tissue Engineering | Mahdi Hadi |
| | Chondrogenesis of Human Adipose-Derived Mesenchymal Stem Cells on The [Genipin-Crosslinked Devitalized Cartilage Matrix- Poly(Vinyl Alcohol)/ Fibrin] Hybrid Scaffolds | Mohsen Setayshmehr |
| 10:00 - 10:30, Lobby | Tea and Coffee Break | |

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|-----------------------|---|----------------------|
| 10:30 - 12:30, Hall 1 | Panel: Nanotechnology | |
| | Presidium: Bita Mehravi, Khadijeh Ashtari, Mohammad Rafienia, Jamak Nourmohammadi, Akbar Karkhaneh | |
| | Nano Bioglass Enhanced Peripheral Nerve Regeneration in Polyurethane/Collagen Conduits | Somayeh Tofighinasab |
| | Electrospinning of Thermoplastic Polyurethane Nanofibers for Vascular Tissue Engineering Applications | Maryam Nezadi |
| | Lithium Enhances Osteogenic Differentiation of Mesenchymal Stem Cells Cultured on The Ion Exchange Nano-Scaffold | Faeze Moradi |
| | Electrospinning of Polycaprolactone/Poly(lactic Acid) With Ferula Gumma Extract and Their Biological Properties | Mohadeseh Sharifi |
| | Electrospun Pcl/Gelatin /B-Tricalcium Phosphate Nanofibrous Blend Scaffolds in Bone Tissue Regeneration | Melika Sharahi |
| | Preparation and Characterization of TiO ₂ Nanotube Arrays on Ti-6Al-4V Surface for Hard Tissue Implants | SayedYahya Rahnamaei |
| 10:30 - 12:30, Hall 2 | Panel: Development of Science and Technology | |
| | Presidium: Reza Masaeli, Amir Mellati, Ali Mohammad Sharifi, Mahmood Barati | |
| | | Reza Masaeli |
| | Lessons From Commercialization of A Synthetic Bone Graft | Amir Mellati |
| | Introduction to Intellectual Property and Patent Law | Mahmoud Barati |
| | The Development of Drug Delivery Marketing in Tissue Engineering | Kimia Jazi |
| 12:30 - 13:30 | Pray and Lunch Break | |
| 13:30 - 15:30, Hall 1 | Panel: Tissue Engineering in Heart | |
| | Presidium: Fereidoun Nouhi, Hossein Ghanbari, Kamran Mansouri, Ali Javad Mousavi, Ghasem Amouabedini, Nafiseh Baheiraei | |
| | A New Approach for Fabricating Lung Extracellular Matrix | Sayyedali Shirani |
| | Fabrication of Three-Layered Electrospun Vascular Graft | Shima Rashidi |
| | Role of Angiogenesis and Endothelial Progenitor Cells in Health and Heart Disease. | Kamran Mansouri |
| | Graphene: an Angiogenic Platform for Cardiac Application | Nafiseh Baheiraei |
| | Identification of Human Fetal Lung Airways Epithelial Cells | Fatemeh Ganji |
| | Fabrication and Characterization of Nanofibrous Tricuspid Valve Scaffold Based on Polyurethane for Heart Valve Tissue Engineering | Saman Firoozi |
| 13:30 - 15:30, Hall 2 | Panel: Biomaterial 1 | |
| | Presidium: Mehran Solati, Hajar Bahrami, Akram Alizadeh, Sara Shafiei, Shahin Bonakdar | |
| | Differentiation of Human Adipose Derived Stem Cells with Alginate and Gelatin Based Hydrogel Through Dual Ionic and Photo-Cross-Linked Hydrogel Fiber | Mehdi Khanmohammadi |
| | Polyelectrolyte Hydrogels Based on Sulfated Alginate and Chitosan for Cartilage Regeneration | Payam Baei |
| | Rheological Properties of Alginate Hydrogel for Bioink Applications | Mahnaz Eskandari |
| | A Novel Low Cost Method for Manufacturing Biodegradable Metal Bone Graft by Fdm 3dprinting | Alan Gholamveisi |
| | Synthesis and Characterization of Magnetic Nanoparticles with Mesoporous Bioactive Glass Coatings for Osteoporotic Cancerous Tissue Therapy | Zahra Sabouri |
| | Enhancing Mechanical Properties of Brushite-Based Calcium Phosphate Cement with Graphene Oxide Nanoparticles for Bone Void Filler Application | Seyedeh Sara Shafiei |

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Third Day, Monday

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|-----------------------|--|-------------------------|
| 8:00 - 10:00, Hall 1 | Panel: Tissue Engineering in Skin | |
| | Presidium: Mohammad Javad Fatemi, Mostafa Dahmardei, Mehdi Farokhi, Noor Ahmad Latifi, Alireza Rezapour, Reza Karimi, Adeleh Gholipour-Kanani | |
| | Co- Treatment of Simvastatin & Bone Marrow Mesenchymal Stem Cells Can Improve Wound Closure Rate, Histological Parameters, and Tensile Strength in Burn Wound | Javad Mohajer Ansari |
| | Polycaprolactone/Collagen Nanofibrous Mat Containing Silver Sulfadiazine Accelerates Wound Healing in Rat | Mahmoud Orazizadeh |
| | Application of chitosan scaffold containing lacto-n-neotetraose (LNnT) as a new strategy to accelerate the healing process of full-thickness and non-healing wounds | Behrooz Farhadi |
| | Electr spun fibrous composite based natural and synthetic scaffold for wound dressing application | Adeli |
| | Effects of Bilayer Protein-Based Membrane on Post Injury Hypertrophic Scar Formation | Sadjad Khosravi |
| | Nanofibrous structures as promising scaffolds in wound healing and skin tissue engineering | Adeleh Gholipour-Kanani |
| 10:00 - 10:30, Lobby | Tea and Coffee Break | |
| 10:30 - 12:30, Hall 1 | Panel: Biomaterial 2 | |
| | Presidium: Masoud Mozafari, Mohammad Taghi Khorasani, Hamidreza Maddah Hosseini, Reza Bagheri, Mohammad Reza Nourani, Hossein Davari | |
| | Histopathological, Histomorphometrical, and Radiological Evaluations of Hydroxyapatite/Bioactive Glass and Fluorapatite/Bioactive Glass Nanocomposite Foams as Cell Scaffolds in Rat Tibia | Seyedali Seyedmajidi |
| | The Chitosan Hydrogel for Nasal Delivery of Proteins | Amir Hossein Bahmanpour |
| | Preparation of Plastic Compressed Nanostructural Collagen/Hydrogel Scaffold Enriched With Culture Medium Containing Skin Fibroblasts as A Construct For Skin Repair | Ayoub Karmizadeh |
| | Fabrication of Visible Light Crosslinkable and Sprayable Kappa Carrageenan Hydrogel as Diabetic Wound Dressing | Shima Tavakoli Dehaghi |
| | Synthesized Magnesium-Zinc-Calcium Alloys With Improved Bio-Mechanical And Bio-Corrosion Behavior For Bone Regeneration Applications | Kobra Tahermanesh |
| | Extraction And Synthesis of Hydroxyapatite From Bivalve Shell by Sedimentation Method and Investigation of Its Biocompatibility | Hamed Shakerinasab |
| | Effects of Bioactive Glass Nanoparticles on Biological Properties of Collagen/Poly (Glycolid Acid) Scaffold in Favor of Bone Tissue Engineering | Shirin Toosi |
| 12:30 - 13:00, Hall 1 | Closing Ceremony | |