2017
Tentative Program

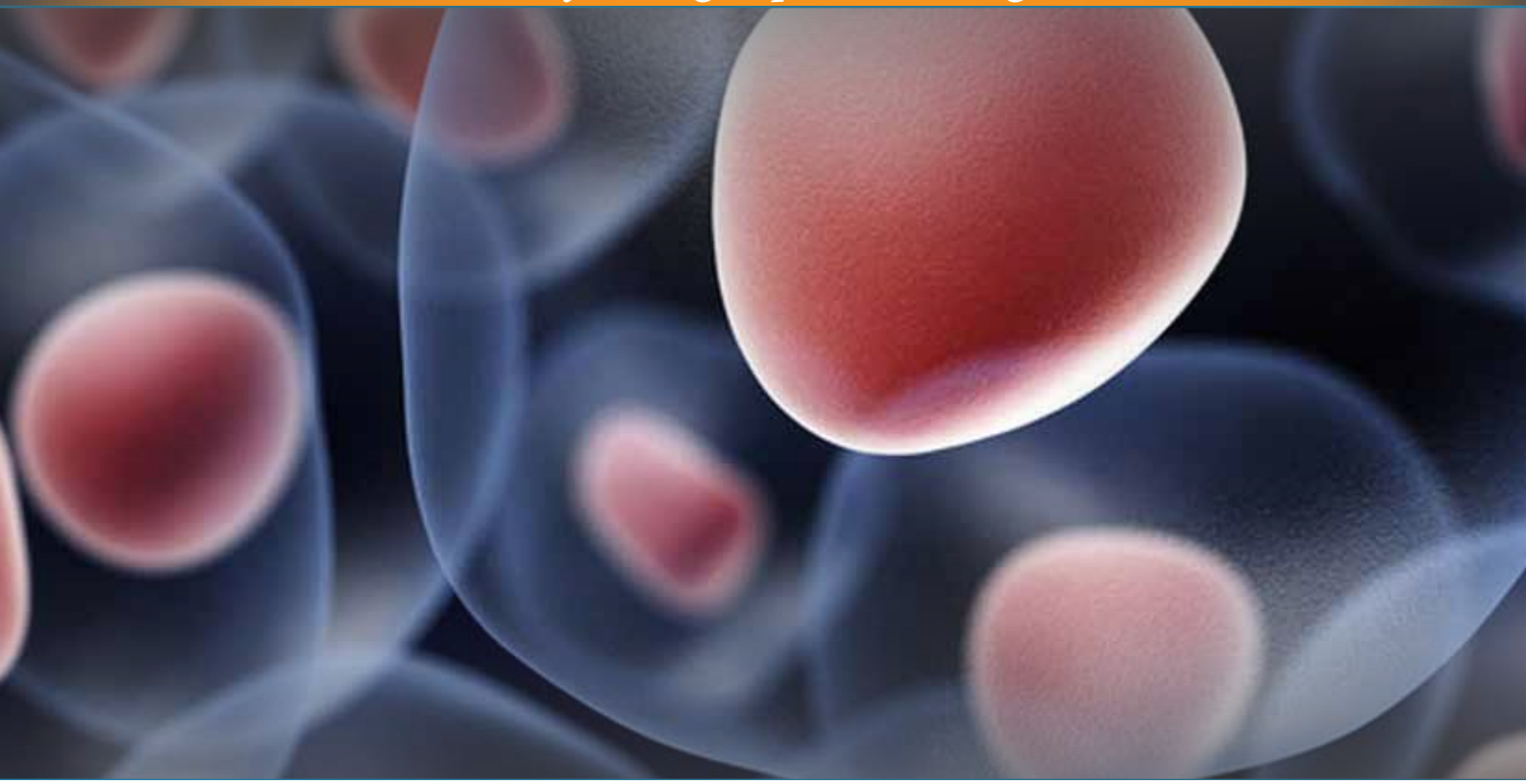
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7th International Conference on

Tissue Engineering & Regenerative Medicine

October 02-04, 2017 Barcelona, Spain

Theme: Transforming Repairs into Regeneration



For available speaker slots

regenerativemedicine@geneticconferences.com

500+ Participation (70 Industry: 30 Academia) includes

- 12+ Interactive Sessions
- 10+ Keynote Lectures
- 50+ Plenary Lectures
- 5+ Workshops
- 20+ Exhibitors
- B2B Meetings

Conference Secretariat

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Organizing Committee



Dennis M Lox
Sports and Regenerative Medicine Centers, USA



Claire Henchcliffe
Weill Cornell Medical College, USA



Hazem Barmada
Gulf Coast Stem Cell & Regenerative Center, USA



Brian M Mehling
Blue Horizon International, LLC, USA



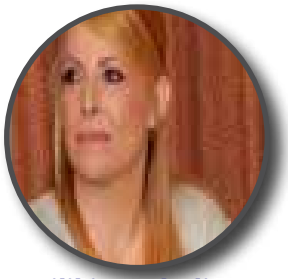
Maria P De Miguel
La Paz University Hospital Health Research Institute, Spain



Barbara Gawronska-Kozak
Food Research of Polish Academy of Sciences, Poland



Peter Chapman-Smith
Director of New Zealand Stem Cell Treatment Centre, NZ



Vasiliki E Kalodimou
Director of IASO Maternity & Research Hospital, Greece



Pedro Gil Frade Morouço
Head Biofabrication Research Group, Portugal



Fumio Arai
Sciences, Kyushu University, Japan



Hongman Wang
Peking University Health Science Center, China



Roberta Di Pietro
G. d'Annunzio University of Chieti-Pescara, Italy



Luc Bouwens
Vrije Universiteit Brussel, Belgium



Ing Ming Chiu
National Health Research Institutes, TAIWAN



Xiujie Wang
Director for Center of Molecular Systems Biology, China



Ken Yaegaki
Nippon Dental University School of Life Dentistry, Japan



Sandeep Shrivastava
Dean and Professor Datta Meghe Institute of Medical Sciences, India



Triantafyllos Didangelos
Aristotle University of Thessaloniki, Greece

Symposium



Maria P De Miguel
La Paz University Hospital Health Research Institute, Spain

Towards the development of a cell-engineered human cornea

Keynote Speakers



Brian M Mehling
Blue Horizon International, LLC, USA

Mesenchymal Stem Cells in Clinical Applications

Scaffolds and Stem Cells: A Tissue Engineering Approach



Dennis M Lox
Sports and Regenerative Medicine Centers, USA

Identification of novel mesenchymal stromal cells that have the potential to support hematopoietic stem cell activity



Pedro Gil Frade Morouço
Head Biofabrication Research Group, Portugal



Hazem Barmada
Gulf Coast Stem Cell & Regenerative Center, USA

Does the addition of EPAT to SVF deployment improve the outcomes in chronic orthopedic conditions?

Adipose-Derived Stem Cell Therapy for Osteoarthritis of the Knee



Peter Chapman-Smith
Director of New Zealand Stem Cell Treatment Centre, NZ



Ken Yaegaki
Nippon Dental University School of Life Dentistry, Japan

Transplantation of hepatocyte like cells derived from human tooth into cirrhosis rat model

Tentative Program

October 02, 2017 Monday	
Time	**Session**
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-10:45	Group Photo
10:45-12:00	Network & Refreshments Break*
12:00-13:15	Tissue Engineering | Tissue Repair & Regeneration
13:15-14:00	Lunch Break*
14:00-15:15	Stem Cell Transplant | Ethical & Legal Issues
15:15-15:30	Network & Refreshments Break*
15:30-16:45	Regenerative Medicine | Models of Regeneration | Regenerative Medicine Market
16:45-18:00	Biomaterials and Bioengineering

October 03, 2017 Tuesday	
Time	**Session**
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-10:45	Cell and Organ Regeneration
10:45-12:00	Network & Refreshments Break*
12:00-13:15	Mesenchymal Stem Cells | Scaffolds in Regenerative Medicine
13:15-14:00	Lunch Break*
14:00-15:15	Bone Tissue Engineering | Scaffolds in Regenerative Medicine
15:15-15:30	Network & Refreshments Break*
15:30-16:45	Cellular Therapies | Immunotherapy
16:45-18:00	Rejuvenation

October 04, 2017 Wednesday	
Time	**Session**
	Regenerative Medicine | Nanotechnology in stem cells
09:30-11:00	Stem cell treatment for Diabetes
11:00-11:15	Network & Refreshments Break*
11:15-12:45	Embryonic Stem Cell | induced Pluripotent Stem Cells
12:45-13:30	Lunch Break**
13:30-15:00	Stem Cells | Stem Cell Treatments
15:00-16:30	Dental Stem Cells |
16:30-16:45	Network & Refreshments Break*
16:45-17:30	Regenerative Medicine Market
	Award Ceremony
	Conference Concludes



7th International Conference on

Tissue Engineering & RegenerativeMedicine

October 02-04, 2017 Barcelona, Spain

Title:Mesenchymal Stem Cells in Clinical Applications
Brian M. Mehling, Blue Horizon International, LLC, USA
Title:Scaffolds and Stem Cells: A Tissue Engineering Approach
Dennis M Lox, Sports and Regenerative Medicine Centers, USA
Title: Towards the development of a cell-engineered human cornea
Maria P De Miguel, La Paz University Hospital Health Research Institute, Spain
Title: Mesenchymal Stem Cells Drive Cell Repopulation in an In Vivo Model of Lung Regeneration
Mauricio Rojas, University of Pittsburgh. USA
Title: Assessment of the osteogenic potential of human autologous bone meal - a cell and molecular biology pilot study
Christiane Kunert-Keil, Technische Universität Dresden, Germany
Title: Transplantation of hepatocyte like cells derived from human tooth into cirrhosis rat model
Yaegaki Ken, Nippon Dental University School of Life Dentistry, Japan
Title: Deficiencies in bone marrow-derived mesenchymal stem cells from idiopathic pulmonary fibrosis patients
Mauricio Rojas, University of Pittsburgh. USA
Title: A Self-Assembly Peptide Nanofibber Scaffold Containing Laminin Motif Induces Cellular Survival, Proliferation, Migration, Attachment, and Neuronal Differentiation: an in vitro study
Ali Gorji, University of Münster, Germany

Speaker Slot Available

Speaker Slot Available

Title: How to promote cell to cell communication for promoting tissue regeneration
Joelle Amedee Vilamitjana, University of Bordeaux, France
Title: Limbo™ platform, an innovative methodological approach towards cryopreservation of cell therapy products.
Roberto Hernan, Cellulis, Spain
Title: Validation of the efficacy of Adult Stem Cells in ARDS by using a large animal model in combination with respiratory assistance devices
Mauricio Rojas, University of Pittsburgh. USA
Title: The effects of intravenous administration of human endothelial progenitor cells on in vitro development of mouse parthenogenetic activated embryos
Geon A Kim, Seoul National University, Republic of Korea
Title: Clinical Development Aspects of Gene Therapy Medicinal Products
Joachim Scholpp, Boehringer Ingelheim Pharma, Germany
Title: The effect of autologous adipose derived mesenchymal stem cell therapy in the treatment of a post traumatic chondral defect of the knee
Julien Freitag, Melbourne Stem Cell Centre, Australia
Title: Adipose-Derived Stem Cell Therapy for Osteoarthritis of the Knee
Peter Chapman-Smith, New Zealand Stem Cell Treatment Centre, NZ.
Title: Polyurethane Scaffold For Tendon Repair
Eliane Trovatti, University of Araraquara, Brazil
Title: The effect of autologous adipose derived mesenchymal stem cell therapy in the treatment of a large osteochondral defect of the knee following unsuccessful surgical intervention of osteochondritis dissecans
Julien Freitag, Melbourne Stem Cell Centre, Australia
Title: Behaviour of human mesenchymal-periosteal cells grown in contact with different scaffolds used in dentistry

Speaker Slot Available

Speaker Slot Available

Speaker Slot Available

Speaker Slot Available

Title: Fabrication of biomimetic fibrous scaffolds for bone tissue regeneration
Mohammad Soheilmoghaddam, The University of Queensland, Australia
Title: Translating Repair into Regeneration in wounds with PRP
Sandeep Shrivastava, Datta Meghe Institute of Medical Sciences (DU), India
Title: New Approach Delivering Simvastatin Microparticles For Potential Application Of Muscoskeletal Scaffold In Tissue Engineering
Nur Aliana Hidayah M, Malaysia
Title: Identification of novel mesenchymal stromal cells that have the potential to support hematopoietic stem cell activity
Fumio Arai, Kyushu University, Japan
Title: Regenerative implantable medical devices: an overview
Hongman Wang, Peking University Health Science Center, China
Title:Reprogramming monocytes into retinal cells and its in vivo characterization for vision rescue in mouse model of retinitis pigmentosa
Alaknanada Mishra, National Institute of Immunology, India
Title: De-cellularized and re-cellularized hearts as a next generation test system in drug discovery
Duong Nguyen, Innovative Medicines and Early Development Biotech Unit, Sweden
Title: Complete healing of a non-healing diabetic foot ulcer within one month and persisting for three years using autologous adipose tissue-derived Stromal Vascular Fraction and Platelet Rich Plasma
Triantafyllos Didangelos, Aristotle University of Thessaloniki, Greece
Title: Nanofibers based of titanium nanotubes as scaffolds for maintenance and differentiation of electrostimulated neural PC12 cells
Y. Olguín, Universidad Andrés Bello, Chile
Title: Title: Concerted interactions of neurogenesis and myelinogenesis in promoting neuroregeneration
Ing-Ming Chiu, National Health Research Institutes, Taiwan

Speaker Slot Available

Speaker Slot Available

Title:Comparison Of Explant Culture And Enzymatic Digestion Methods For Human Skin Equivalents Development
Catalina Gaviria A, University of Antioquia, Medellín
Title: Effect Of Pancreatic Extract And Signaling Methods In Direction Of Embryonic Stem Cells Into Bet Cells Like
Elham Hoveizi, Shahid Chamran University of Ahvaz
Title: Stem cells, types, ipcs cultivation and applications in Regenerative medicine
Anusha Sudulaguntla, T.John college of pharmacy, India
Title: Evaluation of motor neuron differentiation potential of human umbilical cord blood- derived mesenchymal stem cells, in vitro
Faezeh Faghihi, Cellular and Molecular Research Center
Title: 3D printing gelatin-alginate hydrogels in cross-linking solution: role of concentration, syringe gauge, and extrusion rate on the hydrogel layering
Maha Alruwaili, University College Dublin, Ireland
Title: A Survey of Osteopontin and Osteocalcin Genes Expression in Osteoblasts Derived from Wharton's Jelly Mesenchymal Stem Cells by Licorice (Glycyrrhiza glabra L.) Root Extract
Elmira Mikaeili Agah, Islamic Azad University
Title: In vivo repair of bone defect with PGLA/HA/CS scaffold and MSCs on rats.
Seyedeh Niloufar Rafiee Alavi, Iran University Of Medical sciences
Title: New Conductive, Biodegradable, and Non-Cytotoxic Polymer Matrix Nanocomposite Constructs for Myocardial Regeneration
Sharareh Ghaziof, Islamic Azad University
Title: The size of nanoparticles improves neurogenesis and inhibits asterogliosis
Shima Tavakol, Iran University of Medical Sciences
Title: Human ciliary neurotrophic factor–overexpressing stable bone marrow stromal cells in the treatment of a rat model of traumatic spinal cord injury
Hojjat-Allah Abbaszadeh, Shahid Beheshti University of Medical Sciences

Speaker Slot Available

Speaker Slot Available

Glimpses of Regenerative Medicine Conferences
















Glimpses of Regenerative Medicine Conferences









Meet the Experts @ Regenerative Medicine 2017



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7 Great Day Trips from Barcelona


10 Best Places to Visit in Spain


10 Top Tourist Attractions in Spain


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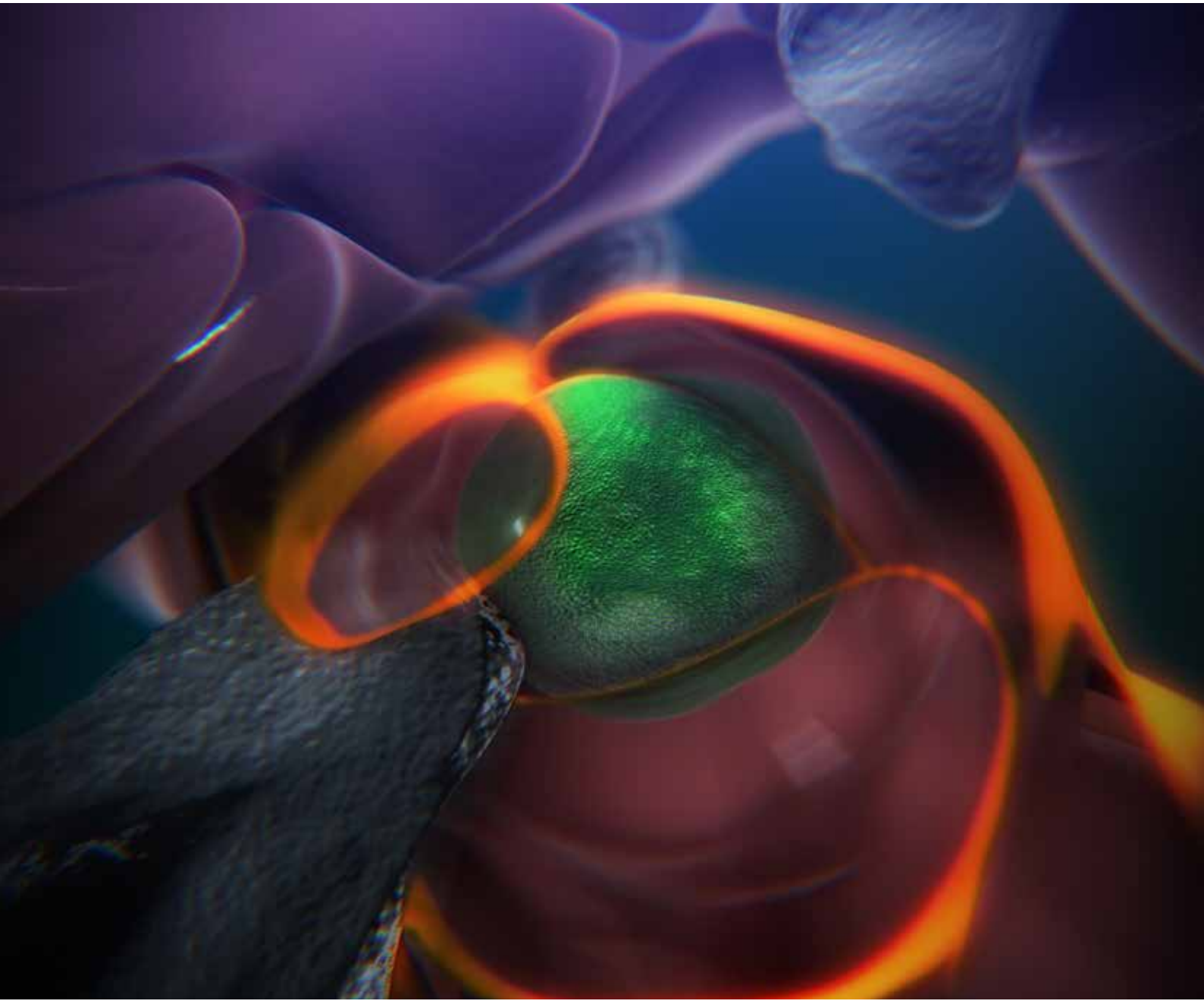
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657th Conference

Scientific Program

5th International Conference on

TISSUE ENGINEERING & REGENERATIVE MEDICINE

September 12-14, 2016 Berlin, Germany



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Scientific Program

Day 1 September 12, 2016

Registrations

Kiel 1-3

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Opening Ceremony

Keynote Forum

Introduction

Title: Hemodynamic activation of vascular cells in cardiac veins induce an equivalent of stimulus triggered acquired pluripotency in human cardiomyocytes
Werner Mohl, Medical University of Vienna, Austria
Title: Extra cellular matrix micro-environment control is a key issue to regenerative medicine and RGTA based matrix therapy a solution
Barritault Denis, OTR3, France
Title: The role of regenerative medicine in Obstetrics and Gynecology
Bertha Chen, Stanford University School of Medicine, USA
Title: Novel scaffolds fabrication methods in regenerative medicine: The cartilage challenge
Pedro Morouço, Polytechnic Institute of Leiria, Portugal

Coffee Break 10:40-10:55 @ Foyer

Tissue Engineering | Tissue Repair & Regeneration

Session Introduction

Session Chair: Barritault Denis, OTR3, France

Session Co-Chair: Pedro Morouço, Polytechnic Institute of Leiria, Portugal

Title: PreImplantation factor (PIF*): Comprehensive neurorepair regimen from newborn to adult
Eytan R Barnea, BioIncept, LLC, USA
Title: Combination of drug and cell delivery to stimulate spinal cord repair
Anne des Rieux, Université catholique de Louvain, Belgium
Title: Engineering functional blood vessels from human/diabetic iPS cells
Rekha Samuel, Christian Medical College, India
Title: Mayo spheroid reservoir bioartificial liver: Bench to bedside
Scott L Nyberg, Mayo Clinic School of Medicine, USA
Title: Combination of bone tissue engineering and electrical stimulation approaches, *in vitro* and *in vivo* studies
Liudmila Leppik, J.W. Goethe-University, Germany
Title: Stem cells and biomaterials for the treatment of spinal cord injury, stroke and ALS
Eva Sykova, Institute of Experimental Medicine ASCR, Czech Republic
Title: Searching for therapeutic approaches to skeletal muscle repair and cell therapy
Enrique Brandan, Catholic University of Chile, Chile

Lunch Break

Title: Engineered *in vitro* model for mammary acini morphogenesis
Walter Bonani, University of Trento, Italy
Title: Intra-bone route of donor lymphocyte infusion favors anti-leukemic allo-reactivity not increasing the risk of acute GvHD
Andrzej Lange, Polish Academy of Sciences, Poland
Title: Magnetic nanoparticles in regenerative medicine- from cell tracking to guided tissue engineering
Luminita Simion Labusca, National Institute of Advanced Physics, Romania
Title: Analysis of regeneration pathways in tissue engineered urinary bladder – microarray data
Marta Pokrywczynska, Nicolaus Copernicus University in Torun, Poland
Title: The future of medically integrated fitness for enhancing clinical outcomes
JR Burgess, Rejuv Medical, USA
Title: Dental pulp stem cells-derived schwann cells for peripheral nerve injury regeneration
Heba Al-Zer, The University of Jordan, Jordan

Coffee Break

Stem Cell Transplant | Ethical & Legal Issues

Session Introduction

Session Chair: Scott L. Nyberg, Mayo Clinic School of Medicine, USA

Session Co-Chair: Roberta Di Pietro, Gabriele d'Annunzio University, Italy

Title: How can we improve the informed consent process for first-in-human stem cell trials in Parkinson's disease?
Claire Henchcliffe, Weill Cornell Medical College, USA
Title: The importance of adequate timing in creation of an artificial subcutaneous site for pancreatic islet transplantation
Jan Kriz, Institute for Clinical and Experimental Medicine (IKEM), Czech Republic
Title: Germ stem cell reprogramming
Thomas Skutella, University of Heidelberg, Germany
Title: Development of the cell-based medicinal products from the regulatory perspective
Ivana Haunerová, State Institute for Drug Control, Czech Republic
Title: Placental stem cell transplantation for congenital metabolic disorders
Toshio Miki, University of Southern California, USA
Title: The immunologic microenvironment affects efficacy of stem cell transplantation: A case study on animal model of acute kidney injury
Željka Večerić-Haler, University Medical Centre Ljubljana, Slovenia
Title: Placental mesenchymal stem cells are a promising tool for biofunctional vascular grafts
Ingrid Lang-Olip, Medical University of Graz, Austria
Title: Induction of mesenchymal stem cell chondrogenic differentiation and functional cartilage microtissue formation for in vivo cartilage regeneration by cartilage extracellular matrix-derived particles
Heyong Yin, Chinese PLA General Hospital, China

Panel Discussion

Day 2 September 13, 2016

Kiel 1-3

Regenerative Medicine | Models of Regeneration | Cell and Organ Regeneration | Regenerative Medicine Market

Session Introduction

Session Chair: Hans-Georg Simon, Northwestern University, USA
Session Co-Chair: Jaroslaw Fabis, Medical University of Lodz, Poland

Title: The addition of EPAT to SVF is perceived to improve the treatment outcomes in severe degenerative joint conditions- a small personal series
Hazem Barmada, Mississippi Stem Cell Treatment Center, USA
Title: Translational challenge in renal regeneration: Establishment of posology
Romaldas Maciulaitis, Lithuanian University of Health Sciences, Lithuania
Title: PP2Acα positively regulates mice liver regeneration termination through AKT/GSK3β/Cyclin D1 pathway
Xue Bin, Nanjing University School of Medicine, China
Title: Rotator cuff tear and regenerative medicine - present state of the art and future
Jaroslaw Fabis, Medical University of Lodz, Poland
Title: Optogenetic stimulation of glutamatergic neuronal activity in the striatum enhances neurogenesis in the subventricular zone of normal and stroke mice
Shan Ping Yu, Emory Univerisity School of Medicine, USA
Title: An ideal solution for wound management led by regenerative medicine product
Sandeep Shrivastava, Datta Meghe Institute of Medical Sciences, India
Title: Dynamic remodeling of extracellular matrix instructs regenerative cell behavior
Hans-Georg Simon, Northwestern University, USA

Coffee Break

Title: Regenerated liver tissues derived from human tooth treat swine liver failure induced by progressive nonalcoholic fatty liver disease
Ken Yaegaki, Nippon Dental University School of Life Dentistry, Japan
Title: Mapping of the human amniotic membrane: A morpho-functional study to better understand amniotic membrane stem cells regenerative capacity
Roberta Di Pietro, Gabriele d'Annunzio University, Italy
Title: Social collaboration network analysis of English literature on animal-derived regenerative implantable medical devices
Hongman Wang, Peking University Health Science Center, China
Title: REGENERAGING: From miRNA fingerprint of aged progenitors to ex-vivo reprogramming strategies for improved MSC performance and therapeutic potential
Olivia Candini, University of Modena and Reggio Emilia, Italy
Title: Heart regeneration with cardiac progenitor cells and engineered ECM mimicking carriers in large animal models
Zhong Wang, University of Michigan Medical School, USA
Title: Safety and clinical efficacy from a non-profit stem cell registry tracking >5,000 orthopaedic patients
Christopher J Centeno, Centeno Schultz Clinic, USA

Lunch Break

3rd workshop on Stem Cells Applications in Regenerative Medicine, Flow Cytometry and Medical Tourism

Title: Isolation of mesenchymal stem cells for the treatment of lung fibrosis in an animal model
Vasiliki E. Kalodimou, IASO Maternity Hospital, Greece
Title: Female genital and vaginal rejuvenation by infusion of adipose mesenchymal stem cells
Efi Roboti, IASO Maternity & Research Hospital, Athens Greece
Title: Venous neurovascular pathways to neuroinflammation in glaucoma
Nikolaos G Tsamopoulos, Mediteranneo Hospital, Greece
Title: Stem tourism and economic potentials
Isavella Mitrou, University of Birmingham, UK
Title: Hospital research & blue economy
Georgia Tsakona, Expert in Hospital Economics/Research, Greece

Poster Presentations

Title: The importance of umbilical stem cell storage with a comparison between private and public banks, and their uses
Eleni Triantafyllou, National and Kapodistrian University of Athens, Greece
Title: The uses of adipose-derived mesenchymal stem cells
Alexandra Baranowski, Cambridge University, UK

Coffee Break

Biomaterials and Bioengineering

Session Chair: Andrzej Lange, Polish Academy of Sciences, Poland

Session Co-Chair: Hazem Barmada, Mississippi Stem Cell Treatment Center, USA
Title: Re-engineering the sole defects with "STARS" technique
Narendra Saxena, Datta Meghe Institute of Medical Sciences, India
Title: Regenerative potential of some natural products: Implications in health and diseases
Samar Hassab-Allah Kassem, October 6 University, Egypt
Title: Multi-functional biomimetic surfaces of PLA based biomaterials created by printing of functional PLA-b-PEO colloids
Eliska Mazl Chanova, Institute of Macromolecular Chemistry ASCR, Czech Republic
Title: Functionalized collagen conduit implantation in a paraplegic rat model
Celine Furne, NAMSA, France
Title: Islet transplantation: Input of biomaterials for islet survival
Elisa Maillard, University of Strasbourg, France
Title: Force-induced encapsulated magnetic nanoparticles as a mechanical local stimulus for cell differentiation and proliferation: 3D computational analysis
Mohamed Hamdy Doweidar, University of Zaragoza, Spain
Title: Direct building of 3D microchannel structure for nutrients delivery
David Salamon, Brno University of Technology, Czech Republic
Title: Efficient approach to 3D breast cancer structure formation and growth *in vitro*, in environments of varying rigidities
Elena Afrimzon, Bar-Ilan University, Israel

Panel Discussions

Day 2 September 13, 2016

Lubeck

Mesenchymal Stem Cells

Session Introduction

Session Chair: Susan D Reynolds, Nationwide Children's Hospital and The Ohio State University, USA

Session Co-Chair: Jan Kriz, Institute for Clinical and Experimental Medicine (IKEM), Czech Republic

Title: My clinical experiences using autogenic and allogenic bone marrow mesenchymal stem cell (MSCs)
Hajime Ohgushi, Ookuma Hospital, Japan
Title: Clinical applications of mesenchymal stem cells
Brian M Mehling, Blue Horizon International, LLC, USA
Title: External and invasive laser stimulation of intravenously and intra-articulary applied mesenchymal stem cells and PRP in regenerative medicine
Michael Weber, International Society for Medical laser Applications, Germany
Title: TSG-6 as a biomarker to predict efficacy of human mesenchymal stem/progenitor cells (hMSCs) in modulating sterile inflammation *in vivo*
Ryang Hwa Lee, Texas A&M Health Science Center, USA
Title: A holistic approach to MSC culture process design
Karen Coopman, Loughborough University, UK
Title: Cell injury-induced release of FGF2: An overlooked factor in MSC implantation
Irina Aizman, SanBio, Inc., USA
Title: An update on methods for cryopreservation and thawing of hemopoietic stem cells
Lucilla Lecchi, Milano Cord Blood Bank, Italy

Coffee Break

Title: Human adipose derived mesenchymal stem cells: A potent anti-fibrosis therapy for systemic sclerosis
Daniele Noel, INSERM, France
Title: Function of Pot1 in the maintenance of hematopoietic stem cell activity under stress
Fumio Arai, Kyushu University, Japan
Title: Mesenchymal stromal cells in blood vessels and axons growth
Vsevolod A Tkachuk, Moscow State University, Russia
Title: Combined therapy with shock wave and autologous bone marrow-derived mesenchymal stem cells alleviates left ventricular dysfunction and remodeling through inhibiting inflammatory stimuli, oxidative stress & enhancing angiogenesis in a swine myocardial infarction model
Jiunn-Jye Sheu, Kaohsiung Chang Gung Memorial Hospital, Taiwan
Title: Stem cell treatments for lung disease
Susan D Reynolds, Nationwide Children's Hospital and The Ohio State University, USA
Title: Interaction of mesenchymal stem cells with primary bone tumor cells: Potential implications according to the tumor resection status
Valerie Trichet, Nantes University School of Medicine, France

Lunch Break

Bone Tissue Engineering | Scaffolds in Regenerative Medicine

Session Introduction

Session Chair: Danièle Noel, INSERM, France

Session Co-Chair: Hans-Georg Simon, Northwestern University, USA
Title: Boron-doped bone scaffolds
Menemşe Gümüşderelioglu, Hacettepe University, Turkey
Title: Measuring development and potential using computational analysis of live cell and tissue microscopy images
Andrew R Cohen, Drexel University, USA
Title: A plant derived Human recombinant Type I collagen; A novel scaffold for regenerative medicine with outstanding mechanical and biological performance
Oded Shoseyov, CollPlant Ltd., Israel
Title: Guiding full cartilage regeneration using an innovative biphasic natural scaffold in preclinical and minimally invasive clinical studies
Antoine Alves, NAMSA, France
Title: Polymer porous scaffolds for transplantation of Langerhans Islets
Dana Kubies, Institute of Macromolecular Chemistry AS CR, Czech Republic
Title: Transplantation of stem cell-derived neural network scaffold to repair transected spinal cord
Yuan-shan Zeng, Sun Yat-sen University School of Medicine, China
Title: CD34+/CD45- stem cells from diverse lineages and their applicability for cell therapy
Bipasha Bose, Yenepoya University, India

Coffee Break & Poster Presentations

TERM1601	**Title: Intravenous dl-3-n-butylphthalide enhances hemodynamics and vascular plasticity but also improves learning and memory deficits and neuronal degeneration early after chronic cerebral hypoperfusion in rat** **Li'an Huang,** Jinan University, China
TERM1602	**Title: Adipose-derived stem cells as a promising tool for pre-clinical and clinical studies in regenerative medicine** **Adriana Schumacher,** Medical University of Gdansk, Poland
TERM1603	**Title: Cystatin C peptidomimetic derivative with antimicrobial and immunoregulatory properties as a potential wound supportive compound** **Milena Deptuła,** Medical University of Gdansk, Poland
TERM1604	**Title: Evaluation of therapeutical eficiacy of heparin-conjugated fibrin hydrogel containing bone morphogenic proteins and periosteum derived stem cells in critical size rabbit ulna defect** **Vyacheslav Ogay,** Nazarbayev University, Republic of Kazakhstan
TERM1605	**Title: Biomechanical properties of biological lung scaffold in nonhuman primates** **Elena V Kuevda,** Kuban State Medical University, Russia
TERM1606	**Title: Nonhuman primates'mesenchymal stem cells for tissue engineering** **Elena A Gubareva,** Kuban State Medical University, Russia
TERM1607	**Title: Design of polycaprolactone-based biocomposite scaffolds for bone tissue engineering: A brief overview** **Saeid Tajbakhsh,** University of Tehran, Iran
TERM1608	**Title: Application of bone-marrow mesenchymal stem cells and platelet-derived growth factors for human osteogenic graft engineering** **Nataliya Danilkovich,** The Republic Research Center For Transfusiology And Medical Biotechnologies, Belarus
TERM1609	**Title: Electroconductive and biocompatible Carbon nanotube/polyurethane/collagen scaffolds for cardiac tissue engineering** **Shiva Asadpour,** Tehran University of Medical Sciences, Iran
TERM1610	**Title: Effects of platelet-rich plasma & platelet-rich fibrin with & without stromal cell-derived factor-1 on repairing full-thickness cartilage defects in knees of rabbits** **Soghra Bahmanpour,** Shiraz University of Medical Sciences, Iran

TERM1611 **Title: *In vitro* differentiation process of human Wharton's jelly mesenchymal stem cells to male germ cells in the presence of gonadal and non-gonadal conditioned media with retinoic acid**
Fardin Amidi, Tehran University of Medical Sciences, Iran

TERM1612 **Title: Disease modeling of systemic sclerosis disease through iPS induction and differentiation**
Zahra Mazidi, Royan Institute for Stem Cell Biology and Technology, Iran

TERM1613 **Title: Differentiation of murine dermal papilla cells into myogenic linage**
Mona Rashidi, Iran University School of Medical Sciences, Iran

TERM1614 **Title: Analysis of smooth muscle regeneration in the tissue-engineered urinary bladder – A study in a porcine model**
Marta Pokrywczynska, Nicolaus Copernicus University in Torun, Poland

TERM1615 **Title: Characterization of the supracrestal gingival connective tissue in rat as to establish a small animal model for periodontal regeneration study**
Antoine Alves, NAMSA, France

TERM1616 **Title: Osteoblastic differentiating potential of dental pulp stem cells on a chemically modified titanium surface**
Susi Zara, University "G. d'Annunzio" Chieti-Pescara, Italy

TERM1617 **Title: Decellularization of xenogeneic artery for small-diameter vascular graft: Mild alkaline treatment removes galactose-alpha-1,3-galactose and retains vascular extracellular matrix**
Wing Yue Chan, Singapore General Hospital, Singapore

TERM1618 **Title: Atorvastatin induces apoptotic gene expression in glioblastoma cells in three-dimensional culture**
Neda Bayat, Tehran University of Medical Sciences, Iran

Young Researcher Forum

Title: A predictive fluid-structure interaction approach to estimate physiological mechanical conditioning in vascular tissue engineering
Claudia Tresoldi, Politecnico di Milano, Italy
Title: Characterization of endoscopic cell spray for application in tubular organs
Malte Bieber, RWTH Aachen University, Germany
Title: *In vivo* vasculogenic potential of human umbilical vein endothelial cell microtissues: A modular tissue engineering approach
Rajan Narayan, Indian Institute of Technology-Kharagpur, India
Title: Towards the generation of fully functional human pluripotent stem cell derived hepatocytes
Nidal Ghosheh, University of Skövde, Sweden
Title: New finite element with variable young's modulus
Katarzyna Mazur, Technical University of Gdańsk, Poland
Title: Chemical and topographical modification of polydimethylsiloxane surfaces synergistically influence mesenchymal stem cell fate
Shreyas Kuddannaya, Nanyang Technological University, Singapore
Title: Near field electrospun fibres for neural stem cell differentiation
Atipat Patharagulpong, University of Cambridge, UK
Title: Functional interaction of the TRIM8/GERP ring finger protein with PIM serine/threonine kinases
Vincenzo De Iuliis, Universit of Chieti, "G. d'Annunzio", Italy
Title: Amniotic membrane for cartilage regeneration in a one step-method
Julia Lerchbacher-Hieslmayr, Technical University of Munich, Germany

Panel Discussion

Day 3 September 14, 2016

Kiel 1-3

Embryonic Stem Cell | induced Pluripotent Stem Cells

Session Introduction

Session Chair: Michael Weber, International Society for Medical laser Applications, Germany
Session Co-Chair: Brian M. Mehling, Blue Horizon International, LLC, USA
Title: Therapeutic potential of human adipose tissue-derived multi-lineage progenitor cells in non-alcoholic fatty liver disease
Hanayuki Okura, National Institutes of Biomedical Innovation, Health and Nutrition, Japan
Title: Generation of electrophysiologically functional cardiomyocytes from mouse induced pluripotent stem cells
Austin J Cooney, University of Texas, USA
Title: Cardimyocyte differentiation of human induced pluripotent stem cells: Modification of signaling pathways
Taghrid Gaafar, Cairo University, Egypt
Title: Biological diversity of mesenchymal stromal/stem cells isolated from post-operative tissues
Aleksandra Klimczak, Institute of Immunology and Experimental Therapy PAS, Poland
Title: Genotype induced behavior of perivascular mesenchymal stem cells (pericytes) *in vitro*
Sudheer Shenoy P, Yenepoya University, India
Title: Development of pluripotent stem cell based therapies for neurologic and oncologic disorders
Jane S Lebkowski, Asterias Biotherapeutics, USA
Title: Role of endothelial progenitor cells (EPCS) in early senescence in coronary artery disease
G Subramanyam, Narayana Medical Institutions, India

Coffee Break

Title: Visualization of calcium signals by genetically engineered calcium indicators in human pluripotent stem cells and their differentiated progenies
Ágota Apáti, Research Centre for Natural Sciences, HAS, Hungary
Title: Human pluripotent stem cells as a tool for therapeutic development for the treatment of common diseases
Kumiko Saeki, National Center for Global Health and Medicine, Japan

Workshop

Title: Intravenous and intraarticular laser stimulation of stem cells and PRP for osteoarthritis and organ repair
Michael Weber, International Society for Medical laser Applications, Germany

Stem Cells | Stem Cell Treatments

Session Introduction

Session Chair: Xiao-Dong Chen, University of Texas Health Science Center, USA

Session Co-Chair: Claire Henchcliffe, Weill Cornell Medical College, USA
Title: CCR5 Governs Stem cell characteristics, therapy resistance and metastasis of breast and prostate cancer
Richard Pestell, Thomas Jefferson University, USA
Title: Pre-clinical studies and clinical trials with application of myogenic stem cells
Maciej Kurpisz, Polish Academy of Sciences, Poland

Lunch Break

Title: 3D collagen-based biohybrids for soft tissue regeneration
Madalina Georgiana ALBU KAYA, INCDTP – Leather and Footwear Research Institute, Romania
Title: Adipose-derived mesenchymal stem cells for low back pain- the New Zealand experience
Peter Chapman-Smith, NZ Stem Cell Treatment Centre, New Zealand
Title: Human bone mesenchymal stem cells transplantation rescuing fulminant hepatic failure in pigs
Jun Li, Zhejiang University School of Medicine, China
Title: Sports medicine: Stem cells in the OA and AVN patient
Dennis M Lox, Sports and Regenerative Medicine Centers, USA
Title: Use of stem cell as cellular toxicity test models
Vinoth Kumar Jayaseelan, Duke-NUS Graduate Medical School, Singapore
Title: Fat crafting for treatement of complicated wounds: Case report
Triin Vasar, Hospital of Reconstructive Surgery, Estonia

Coffee Break

Title: Suppressed regeneration capacity of distal epithelial stem/progenitors in intralobar pulmonary sequestration
Huaiyong Chen, Tianjin Haihe Hospital, China
Title: Engineered microsystems for creating human organ-specific micromechanical environments and quantitative readouts of tissue function
Janna Nawroth, Emulate, Inc., USA
Title: Restoring the regenerative capacity of human bone marrow-derived mesenchymal stem cells (BM-MSCs) from the elderly to establish a high quality autologous MSC bank
Xiao-Dong Chen, University of Texas Health Science Center, USA
Title: Assessing the effectiveness of umbilical cord-derived mesenchymal stem cells under conditions of ischemia
Malancha Ta, Indian Institute of Science Education and Research (IISER), India
Title: Hypoxia preconditioned mesenchymal stem cells significantly ameliorate lung injury in an elastase-induced emphysema animal model
Kowit-Yu Chong, Chang Gung University, Taiwan
Title: Treatment with AMD3100 beneficially affects pathology in 3xTg- mice model of Alzheimer's disease
Beka Solomon, Tel Aviv University, Israel
Title: Adipose derived autologous mesenchymal stem cells for therapy of type 2 diabetes mellitus patients
Purwati Armand, Airlangga University, Indonesia
Title: Sciatic nerve regeneration induced by transplantation of *in vitro* bone marrow stromal cells into an inside-out artery graft in rat
Rahim Mohammadi, Urmia University, Iran

Panel Discussion

Closing Ceremony

Bookmark Your Dates

6th International Conference on
Tissue Engineering and Regenerative Medicine
December 01-02, 2016 San Antonio, USA
Website: www.tissuescience.conferenceseries.com

7th International Conference on
Tissue Engineering and Regenerative Medicine
October 02-04, 2017 Barcelona, Spain
Website: www.tissuescience-regenerativemedicine.conferenceseries.com

Major Scientific Sessions

- Tissue Engineering
- Regenerative Medicine
- Stem Cell treatment for Diabetes
- Scaffolds in Regenerative Medicine
- Tissue Repair and Regeneration
- Stem Cell Treatments
- Embryonic Stem Cell
- Cellular Therapies
- Rejuvenation
- Gene Therapies
- Immunotherapy
- Biomaterials and Bioengineering
- Stem Cell Transplant
- Ethical and Legal Issues
- Cell Engineering
- Cell and Organ Regeneration
- Translational Medicine
- Bone Tissue Engineering
- Models of Regeneration
- Regenerative Medicine Market
- Regenerative Medicine Europe
- Dental Stem Cells
- Stem cell Biotechnology
- Nanotechnology in stem cells

Conference Venue

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