

Scientific Program

International Conference and Expo on

Musculoskeletal Disease and Regeneration

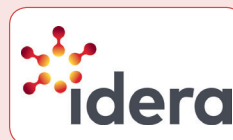
May 05-06, 2016 Chicago, USA



Collaboration



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Scientific Program

Day 1

May 05, 2016

09:00-09:45 Registrations

Zurich

conferenceseries.com 09:45-10:15

Opening Ceremony

Keynote Forum

10:15-10:55 Title: **A low cost, high content murine model for evaluating cell-based strategies of bone regeneration: Demonstration that donor progenitor cells produce a functional repair of a long bone defect**

David W Rowe, University of Connecticut Health Center, USA

Networking & Refreshments Break 10:55-11:10 @ Foyer

11:10-11:50 Title: **Cutting edge concepts in the use of stem cell and PRP injections in an office setting**

Joseph Purita, The Institute of Regenerative and Molecular Orthopedics, USA

Session on: **Musculoskeletal Stem Cell Therapy**
Session on: **Musculoskeletal Regeneration and Repair**

Session Chair: **David W Rowe**, University of Connecticut Health Center, USA

Session Introduction

11:50-12:20 Title: **Scaffold-free three-dimensional graft from autologous adipose-derived stem cells for large bone defect reconstruction**

Denis Dufrane, Novadip Biosciences, Belgium

12:20-12:50 Title: **Stem cell therapy for arthritis and joint injuries**

Brian M Mehling, Blue Horizon International, USA

Lunch Break 12:50-13:35 @ Athens

13:35-14:05 Title: **The feasibility of a novel hydrogel (HYPAN) intra-discal implant for nucleus augmentation**

Anthony T Yeung, University of New Mexico, USA

14:05-14:35 Title: **Epigenetic factors involved in musculo-skeletal interaction: How skeletal muscle cells and osteoblasts derived from stem cells communicate with special reference to histone deacetylases (HDACS), transcription factors (TFs), microRNAs and vitamin K2**

Jan O Gordeladze, University of Oslo, Norway

14:35-15:05 Title: **Subcutaneous immunoglobulin use in inclusion-body myositis: A review of 6 cases**

Patrick Cherin, University Hospital of Pitié-Salpêtrière, France

Session Discussion

Workshop

15:05-15:45 Title: **Human gingival mucosa as a new source for myoblast derivation**

Vadim L Zorin, PJSC Human Stem Cells Institute, Russia

Networking & Refreshments Break 15:45-16:00 @ Foyer

Day 2

May 06, 2016

Zurich

Keynote Forum

- 09:00-09:40** **Title: Tarsal Tunnel Syndrome, a new way of diagnosing an old problem**
Conor P O'Brien, Royal College of Surgeons, Ireland
- 09:40-10:20** **Title: The role of myospecific antibodies in the clinical assessment of polymyositis and dermatomyositis**
James J Curran, University of Chicago, USA

Networking & Refreshments Break 10:20-10:35 @ Foyer

Session on: Musculoskeletal Tissue Engineering

Session Chair: Denis Dufrane, Novadip Biosciences, Belgium

Session Introduction

- 10:35-11:05** **Title: Comparison of myoblast and satellite cell behavior on scaffolds: analysis of proliferation and differentiation**
Jeanne Wilson-Rawls, Arizona State University, USA
- 11:05-11:35** **Title: Changes in muscle oxygen saturation have low sensitivity in diagnosing chronic anterior compartment syndrome of the leg**
Kajsa Rennerfelt, University of Gothenburg, Sweden

Young Researcher Forum

- 11:35-11:55** **Title: Acceleration of de novo early bone defect healing following application of s-nitroso-glutathione *in vivo***
Xin Wang, University of Queensland, Australia
- 11:55-12:15** **Title: Short 10-mer Therapeutic Peptides for Osteoarthritic Cartilage Regeneration**
Angelia Szwed, Purdue University School of Veterinary Medicine, USA
- 12:15-12:35** **Title: Regeneration of decellularised ligamentous scaffolds using human bone marrow MSCs under different regime of uniaxial tensile stimulations**
Normalina Sandora, University of Leeds, UK

Lunch Break 12:50-13:35 @ Athens

Award Ceremony