

Accepted Paper Presentations

Z Ahmad, BSc (Hons), MB, BS, MRCS

A New Paradigm Shift in the Management of Coccyxodynia: A Preliminary Study Using Fat Transfer

Nada Alaaeddine, PhD

Adipose Derived Stem Cells and Skin Injuries

Zeni Alfonso, PhD

Characterization of Adipose Derived Cells from Human Eschar Tissue

Giovanni Almadori, MD

Autologous Fat Injection is a Safe and Efficace Alternative in the Therapeutic Algorithm of Leakage Around Tracheoesophageal Puncture

Aurora Almadori, MD

Autologous Fat Grafting to Treat Penile Lichen Sclerosus

Michael Alperovich, MD, MSc

An Updated Evidence-Based Review of Adipose Stem Cell Therapy in Cancer Reconstruction

Katarina Andjelkov, PhD

Fat Grafting with Silicone Calf Implants: New Results that We Could Never Achieve Before

Joel Aronowitz, MD

Stem Cell Enhanced Fat Grafting of the Breast: A Side by Side Trial

Fatemeh Atashi, PhD

Autologous Platelet Rich Plasma: A Biological Supplement to Enhance Adipose-Derived Mesenchymal Stem Cell Expansion

Daria Barwinska, BS

Effects of Donors Cigarette Smoking on Vasculogenic Activity of Adipose Stem Cells

Katharina Wittmann, MSc

Engineering Vascularized Adipose Tissue Using the Stromal Vascular Fraction and Fibrin Hydrogels

Karen Bieback, PhD

Xenogenic-Free Culture Supplements for GMP-Compliant Expansion of Mesenchymal Stromal Cells

Karen Bieback, PhD

Adipose Stromal Cells Express Functional Toll-Like Receptors

Miina Bjorninen, MSC

Adipose Stem Cell Differentiation Towards Vascular Lineages Using Novel 3D Electrical Stimulation System

Natalia Bogatcheva, PhD

Adipose Stem Cells (ASC) Delivered Intravenously are Targeted to the Endotoxin-Injured Lung

Robert Bowen, MD

Preparation of SVF from Lipoaspirate Infranatant

Mehmet Bozkurt

The Utilization of Cellular Therapies for the Modulation of Burn Scars

Sonja K. Brorsen, PhD

Culture Expansion of Adipose Tissue-Derived Stromal Cells: Manual Flask-Based Compared with Closed, Automated Quantum Cell Expansion System

Bruce Bunnell, PhD

ASCS with Enhanced Anti-Inflammatory Properties Demonstrate Improved Outcomes in the Murine Eae Model of Human Multiple Sclerosis

Edward Chang, MD

Free Adipocyte Isolation Techniques and Harvest (Faith) Study: Prospective Direct Comparison of Coleman Vs. Cytori Fat Graft Harvesting Techniques

Brian Chang

A Novel Role for Sirtuin 7 Protein Deacetylase in Aging Human Adipose Tissue

Naichen Cheng, MD, PhD

Cell Sheets Derived from Adipose-Derived Stem Cells Accelerated Cutaneous Wound Healing

Claudia Cicione, PhD

Characterization of an Innovative Non-Enzymatic Closed System for Minimal Manipulation of Liposucted Adipose Tissue: Translating the Stromal Vascular Fraction into Regenerative Medicine Applications

William Cimino, PhD

Use of Autologous Adipose-Derived Stromal Vascular Fraction to Treat Osteoarthritis of the Knee; 2 Independent Studies Using Same Methods

Abigail Cochran, MD

The Effects of Adipose Derived Stem Cells in a Radiated Tissue Expander Model

Alexandra Conde-Green, MD

Adipose Stromal Vascular Fraction; Are Mechanical Methods of Isolation as Effective as the Traditional Enzymatic Digestion?

Eric Daniels, MD

Hair Follicle Stimulation by Stromal Vascular Fraction Enhanced Adipose Transplantation

Heidi Debels, MD

Advances in Soft Tissue Engineering; A Novel Technology Making Use of an In Vivo Vascularized Chamber and a Novel Acellular Adipose Derived Matrix (Adipogel)

Heidi Debels, MD

Sustainable Fat Grafting: Optimizing Fat Grafting in an In Vivo Tissue Engineering Chamber Model

Quentin Denost, MD, PhD

Chitosan Scaffold Cellularized by Stromal Vascular Fraction for Colorectal Tissue Engineering in Swine Model: The Last Step Before Clinical Application

Sean Devitt, MD

The Role of Molecular Biomarkers in the Onset of Normal Aging in Primary Human Adipose Tissue

Sean Devitt, MD

The Effects of Cryopreservation on Isolation and Growth of Human Adipose Derived Stem Cells

Annabarbara Di Stefano, PhD

Human Adipose Sphere-Derived Stem Cells Increase the Mesenchymal Potential: Therapeutic Implications.

Accepted Paper Presentations

Saad Dibo, MD

PALL: Power Assisted Liposuction and Lipofilling

Jeffrey Ditesheim, MD

Is Water-Assisted Liposuction a Viable Technology for Face Fat Grafting?

Severiano Dos Anjos Vilaboa, PhD

Is it Worth to Waste Part of Lipoaspirate to Obtain a Good Fat Graft ?

Ed Eringa

Vascular Actions and Plasticity of Perivascular Adipose Tissue

Jingwei Feng, BM

Three-Dimensional Floating Culture of Adipose-Derived Stromal Cells (Ascs) in Non-Cross-Linked Hyaluronic Acid (HA) Gel for Preparation of Therapeutic Spheroids

Julie Fradette, PhD

Enhancing Wound Healing of Full-Thickness Murine Skin Defects: Effects of Tissue-Engineered Biological Dressings Based on ASCS

Arjen Gebraad, MS

Efficient Differentiation of Human Adipose Stem Cells Towards Annulus Fibrosus Tissue in Vitro in Biomimetic Scaffolds

Pietro Gentile, MD, PhD

The Combined Use of Enhanced Stromal Vascular Fraction and Platelet-Rich Plasma Improves Fat Grafting Maintenance in Breast Reconstruction: Clinical and Instrumental Evaluation

Jeffrey Gimble, MD, PhD

Distinguishing Adipose 2Stromal Versus 2Stem Cells In Vivo Utilizing 3-Dimensional Silk Scaffolds

Mandana Haack-Soerensen, PhD

Clinically-Feasible Large-Scale Manufacturing of Adipose Tissue-Derived Stromal Cells Using Quantum Cell Expansion System and Human Platelet Lysate

Reef Hardy, MD

Safety of Performing Manual Adipose Stem Cell Separation at the Point of Care

Birgit Huber, MD

Methacrylated Gelatin and Mature Adipocytes: Promising Components for Adipose Tissue Engineering

Amel Ibrahim, MBBS, BSc

Bone Tissue Engineering to Provide Personalised Implants for Treatment of Critical Bone Defects in Children with Craniofacial Syndromes

Yameena Jawed, MD

Role of Exosomes in Angiogenic Potential of Hasc-Derived Conditioned Medium

EuiCheol Jeong, MD, PhD

Intra-Muscular Injection of Adipose Derived Mesenchymal Stem Cells for the Treatment of Thromboangiitis Obliterans: A Proof-Of-Concept Clinical Trial

Wei Jing, MD

Potential Mesenchymal Stem Cells Subpopulation Identified from Adipose Derived Stromal Cells

Christian Jorgenson, MD, PhD

Adipoa: MSC Based Therapy For Severe Osteoarthritis of the Knee. A Phase 1 Dose Escalation Trial

Rezarta Kapaj, MD

In Search of the Ideal Nerve Conduit, Supplementation of Decellularized Nerve Allografts with Stem Cells Derived from Two Different Sources

Jens Kastrup, MD, DMSc

From Bone Marrow to Adipose Derived Stromal Cells in Clinical Cardiology

Natalie Khrantsova, MA

Composition of Fatty Acids in Human Subcutaneous Adipose Tissue

Eva Koellensperger, MD

Alterations of Gene Expression and Proteins Synthesis in Co-Cultured Adipose Tissue-Derived Stem Cells and Squamous Cell-Carcinoma Cells

Mikhail Kolonin, PhD

Depletion of White Adipocyte Progenitors Induces Beige Adipocyte Differentiation and Suppresses Obesity Development

Paul Krijnen, PhD

Acute Myocardial Infarction Does Not Affect Functional Characteristics of Adipose Derived Stem Cells in Rats, but Reduces the Number of Stem Cells in Adipose Tissue

Shinichiro Kuno, MD

Influential Roles of Hmgb1 Pathways in Activation of ASCS and Adipose Tissue Repai

PK Lam, PhD

Topical Application of Adipose Tissue-Derived Mesenchymal Stem Cells Ameliorated Rat Renal Ischemia-Reperfusion Injury

Luca Lancerotto, MD

Induction of Adipogenesis In Vivo by Mechanical Stimulation With External Volume Expansion

Wanda Lattanzi, MD, PhD

Qualitative and Quantitative Differences of Adipose Tissue-Derived Stromal Cells From Superficial and Deep Subcutaneous Lipoaspirates: A Matter of Fat

Anne Therese Lauvrud, MD

Characterisation of Human Adipose Tissue Derived Stem Cells With Enhanced Angiogenic and Adipogenic Properties

Ramon Llull, MD, PhD

How Many Cells are There in a Gram of Lipoaspirated Adipose Tissue?

Joseph Lombardi, MD

Adipose Versus Fascial Sling for Anterior Subcutaneous Transposition of the Ulnar Nerve

Ekaterina Lonskaya, MD

Simultaneous Face Fat-Grafting to Enhance the Aesthetic Outcome of Orthognathic Surgery

Jorge Lujan-Hernandez, MD

Fat Grafting Site Preparation with External Volume Expansion in Chronic Skin Fibrosis After Radiation Exposure

Accepted Paper Presentations

Munique Maia, MD

Autologous Fat Grafting in the Cleft Patient: The Quest to Achieve Facial Balance

Kacey Marra, PhD

Enhancement of Decellularized Adipose Tissue with Lipoaspirate and Adipose-Derived Stem Cells

Ivan Martin, PhD

Engineered Osteogenic and Vasculogenic Grafts Using Adipose Derived Cells: From Fundamental Research to a Clinical Trial

Aina Matas Palau, BS

Renevia (Tm) SVF Delivery Matrix: Temporal Gelation Control of a Novel Cell Retention System

Aina Matas-Palau, BS

Interaction of Gelation Kinetics And Needle Size on Delivery of SVF and ADSCS Using Renevia: Effects on Cell Survival

Hans Meisel, MD

Regeneration of Damaged Intervertebral Discs by a Newly Designed Hydrogel System in Combination with AMSC in the Ovine Model

Stephanie Merfeld-Clauss, BS

ASC Differentiation Towards Smooth Muscle Cell Phenotype Diminishes Their Vasculogenic Activity Through Induction of Activin a Secretion

Danielle Minter, BS

Development of a Physiologically Relevant Culture Environment of Type II Diabetes Mellitus for Adipocyte Culture Within a Hollow Fiber, Three-Dimensional, Dynamic Perfusion Bioreactor

Adel Morsi, FRACS

Morsi Suspension Mastopexy Technique

Naghmeh Naderi, MSc

Effect of Pore Size and Porosity on Adipose-Derived Stem Cell Behaviour on Nanocomposite Polymer Scaffolds

Naghmeh Naderi, MSc

Imaging of Human Adipose-Derived Stem Cells (ADSC) With Atomic Force Microscopy (AFM): Assessing Morphology and Surface Topography of Differentiated Adipocytes

Naghmeh Naderi, MSc

Effect of Nanocomposite Polymer Fabrication on Proliferation and Morphology of Adipose Derived Stem Cells

Sophie New, PhD

Autologous Adipose-Derived Stem Cells for Craniofacial Reconstruction

JiUng Park, MD

Therapeutic Effects of Autologous Adipose Derived Stem Cell on The Regeneration of Muscle in Sarcopenia Model of the Rat

Mojtaba Parvizi, DVM

Adipose Derived Stem Cell-Based Tissue Engineered Small Diameter Blood Vessel

Mojtaba Parvizi, DVM

Development of Recombinant Collagen-Based Vehicles for ADSC Delivery and Retention

Mirte Peeters, MSc

Luciferase Mediated Monitoring of Adipose Stem Cells in the Goat Intervertebral Disc

Sanna Pitkanen, MS

Supercritical Fluid Processed Porous Scaffolds Support the Endothelial Differentiation of Human Adipose Stem Cells

Jan Plock, MD

Timing and Frequency of Adipose-Derived Stem Cell Administration for Immunomodulation in Vascularized Composite Allotransplantation

Jan Plock, MD

Systemic Application of Adipose Derived Stem Cells Accelerates Functional Peripheral Nerve Regeneration

Maryse Proulx, MSc

Human Adipose Substitutes Engineered from ASCS: Performance Analysis of Grafted Tissues Using Magnetic Resonance Imaging

Shah Rahimian, MD, PhD

A Randomized Phase II, Double-Blind, Dual Arm Study to Assess the Efficacy of Adipose Derived Stromal Vascular Fraction (SVF)-Enriched Autologous Facial Fat Grafts, & Concurrent Upper Arm Fat Grafts, Isolated Via the Antria Cell Preparation Process (ACPP)

Oliver Rennekampff, MD

Adipokine Concentrations in Lipoaspirates Derived from Different Preparation Methods Used in Autologous Fat Grafting

Ricardo Rodriguez, MD

Ultrasound Evaluation of Adipose and Fat Grafted Tissue- A Cost Effective, Point of Care Technology

Pamela Rogers, RLATg

Xenotransplantation of Human Adipose Stromal Cells into Immunocompetent Rats as Well as Mice, Significantly Reduces Inflammatory Markers And M1/M2 Macrophage Ratios in Cerulein-Induced Acute Pancreatitis

Stefan Schwan, MD

Surgical Procedure for a Mechanical Far Lateral Disc Herniation Model in Sheep for Evaluation of Regenerative Therapy Approaches

Scott Seaman, BS

Arteriogenesis and Inflammatory Cell Recruitment in a Murine Flap Delay Model

Marcos Sforza, MD

Factors That May Influence Number and Viability of Extracted ADRCS Per Gram of Tissue

Francisco Silva, BS

Tissue Engineered Brown Adipocyte Constructs

Alvaro Skupin, MD

Adipose Derived Stem Cell Therapy for the Treatment of Refractory Erectile Dysfunction

Aina Soler Mieras, MD

Feasibility Study of Renevia, A Resorbable Matrix or the Delivery of Autologous Adipose Derived Cells

Mark Solomon, MD

Fat Grafting for Treatment of Melorheostosis

Accepted Paper Presentations

SeungYong Song, MD, PhD

The Molecular Mechanism Underlying the Proliferating And Preconditioning Effect of Vitamin C on Adipose-Derived Stem Cells

Maroesjka Spiekman, BS

Adipose Tissue-Derived Stromal Cells Inhibit TGF-Beta1-Induced Differentiation of Human Dermal Fibroblasts and Keloid Scar-Derived Fibroblasts in a Paracrine Fashion

Amy Strong, PhD, MPH

Locally Administered Adipose-Derived Stromal Cells Accelerate Pressure Ulcer Wound Healing in Young and Old Mice

Fu Su, MD

Fate Of Adipose-Derived Stromal Vascular Fraction Cells After Co-Implantation with Fat Grafts: Evidence of Cell Survival and Differentiation in Ischemic Adipose Tissue

Peter Succar, PhD

In Vitro Model Using Bovine Articular Cartilage Explant for Investigation of Adipose-Derived Stem Cell Kinetics with Hyaluronic Acid

Panithi Sukho, DVM

Adipose Tissue-Derived Stem Cell Sheets to Promote Wound Repair

Tunc Tiryaki, MD

Stem Cell Enriched Fat Injections to the Breast: 5 Years Experience and the Evolution of Our Technique

Jeremy Touroo, MS

In Vitro Assessment of Adipose Stromal Vascular Fraction Cell Delivery Utilizing a Perfusion Balloon Catheter

Dmitry Traktuev, PhD

Isolation of a Pure Population of Therapeutically Potent Cells From Adipose Tissue Based on CD140B Antigen

Mathias Tremp, MD

The External Intraoperative Soft-Tissue Expansion System (Palmpump) - An Innovative Approach for Enhanced Autologous Structural Fat Grafting

Wakako Tsuji, MD, PhD

Developing Animal Model for Local Breast Cancer Recurrence in Autologous Fat Grafting

Klaus Ueberreiter, MD

First Long Term Results of Large Volume Fat Grafting by Beauli Protocol

Lenie van den Broek, MS

Differential Response of Human Adipose Tissue-Derived Mesenchymal Stem Cells, Dermal Fibroblasts and Keratinocytes to Burn Wound Exudates: Potential Role of Skin Specific Chemokine CCL27

Kaisa Vuornos, MS

Human Adipose Stem Cells Cultured in Tenogenic Differentiation Medium on Braided Polylactide Scaffold is a Potential Approach for Tendon Tissue Engineering

Ester Weijers, PhD

Adipose Tissue-Derived Stem Cells Enhance Endothelial Sprouting in Fibrin Scaffolds

Maria Wiedner, MD

First Experience Using Contrast-Enhanced Ultrasound (Ceus) to Evaluate Vascularization and Resorption of Grafted Fat

JCN Willemsen, MD

Platelet-Rich Plasma (PRP) Augments the Pro-Angiogenic Capacity of Adipose Tissue-Derived Stromal Cells (ADSC)

Stuart Williams, PhD

Three-Dimensional Bioprinting of Islet and Adipose Stromal Vascular Fraction Containing Spheroids

Anna Wilson, MBChB, MRCS, MSc

Adipose-Derived Stem Cells: A Novel, Shortened Isolation Protocol Yielding Multipotent Cells from Fat

Jie Xie, MD

Adipose-Derived Stem Cells Mitigate Aortic Aneurysm Expansion And Excessive Aortic Inflammation in an Elastase-Perfused Murine Abdominal Aortic Aneurysm Model

Eunjung Yang, MD

Effects of LL-37-Treated ASC Conditioned Media on the Wound Healing of Human Fibroblasts

TaiJune Yoo, MD, PhD, MBA

The Paracrine Effect of Mesenchymal Stem Cells Restored Hearing in Autoimmune Sensorineural Hearing Loss

Renato Zaccheddu, MD

Maximizing the "Mini" Face Lift: How Did Facial Fat Transfer Change Everything

Michael Zieger, PhD

Lipoaspirate Storage Temperature Affects Yield and Viability of Isolated SVF Cells