

## Accepted Paper and Video Presentations

**Rosalyn Abbott, PhD (USA)**

Carnegie Mellon University  
*Screening Platform for Studying Human Obesogenic Modes of Action*

**Nicolas Abboud, MD (Belgium)**

CHU Tivoli  
*A Novel Approach in Breast Reconstruction: The Thoracodorsal Flip-Over Flap Combined with Loops and Lipofilling (TD. F.O.L.L.)*

**Aurora Almadori, MD (Italy)**

Second University of Naples  
*Lipotransfer Improves Facial Fibrosis and Volume Loss in Scleroderma*

**Katarina Andjelkov, MD, PhD (Serbia)**

BelPrime Clinic Belgrade Serbia  
*Safety Considerations Surrounding the Use of Fat Grafting, Silicone Implants and Combination of Both for Calf Augmentation*

**Katarina Andjelkov, MD, PhD (Serbia)**

BelPrime Clinic Belgrade Serbia  
*The Stromal Vascular Fraction Cell Secretome and its Potential Role in Hair Regeneration*

**Julia Bachmann, MS (Germany)**

University of Wuerzburg  
*Secretory Function of Adipose-Derived Stromal/Stem Cells (ASC) Under Ischemia-Like Stress Conditions*

**Tevfik Balikç, MD (Turkey)**

Bagcilar Educaton and Research Hospital  
*Providing Functional and Aesthetic Healing with Matriderm® and Late Fat Injection in Frontal Arm Flexor Face Burn Contracts*

**Tevfik Balikç, MD (Turkey)**

Bagcilar Educaton and Research Hospital  
*Investigation of the Peripheral Effects of SVF Treatment in Patients with Ischemic Limb*

**Hazem Barmada, MD, FRCSEd, FRCS (CTH) (USA)**

Gulf Coast Stem Cell- Regenerative Surgery  
*Fat-Derived Stem Cell Deploy, EMT in Autism Spectrum Disorder- are the Effects Long-Lasting?*

**Michael Bezuhly, MD, MSc, SM, FRCSC (Canada)**

Dalhousie University  
*Murine Breast Cancer Growth and Metastasis is Promoted by Adipose-Derived Stem Cells but not Autologous Fat Graft or Cell-Assisted Lipotransfer*

**Romain Boissier, MD (France)**

Aix-Marseille University  
*Molecular and Cellular Signature of Perirenal Adipose Tissue Reflects The Vascular and Inflammatory Status of Marginal Kidney Transplants*

**Svetlana Bolgarska, MD (Ukraine)**

The Institute of Endocrinology and Metabolism Kyiv  
*Interim Analysis of a Pilot Study Administrating Local Intramuscular Injections of Stromal Vascular Fraction Processed at Point of Care in Nonrevascularizable Subjects with Critical Limb Ischemia*

**Cyril Bouland, MD (Belgium)**

CHU-ST-Pierre  
*Bone Regeneration in Medication-Related Osteonecrosis of the Jaw with Uncultured Stromal Vascular Fraction and L-PRF*

**Clement Brossard, PhD (France)**

IRSN  
*Stromal Vascular Fraction Treatment of Chronic Radiation Cystitis In Rats*

**Michael Carstens, MD (USA)**

Wake Forest University  
*Treatment of Parkinson's Disease with Transplantation of Adipose-Derived SVF Cells to the Face: A First-In-Man Case Report with 4 Years Follow-Up*

**Michael Carstens, MD (USA)**

Wake Forest University  
*Critical Limb Ischemia Treated with SVF Cells: 4-Year Follow-Up Study*

**Jose Miguel Catalan, MD (Spain)**

Catalan Trauma  
*Use of Intra-Osseous Platelet Rich Plasma for Treating Severe Knee Osteoarthritis: Retrospective Clinical Study After 1 Year*

**Alain Chapel, PhD (France)**

IRSN  
*Stem Cell Therapy for the Treatment of Severe Tissue Damage After Radiation Exposure*

**Xiaosong Chen, MD, PHD (China)**

Union Hospital Of Fujian Medical University  
*Discussion on Survival Mechanism of Transplanted Fat*

**Naichen Cheng, MD, PhD (Taiwan)**

National Taiwan University Hospital  
*The Influence of Cell Culture Density on the Cytotoxicity of Adipose-Derived Stem Cells Induced by L-Ascorbic Acid-2-Phosphate*

**Evangelia Chnari, PhD (USA)**

Musculoskeletal Transplant Foundation  
*Allograft Adipose Matrix: Exploring the Mechanism of Action in Diabetic Mouse Wounds*

**William Cimino, PhD (USA)**

The GID Group  
*SVF, ECM Aggregates, and Yellow Waste from Whole, Mechanically Processed, and Enzymatically Processed Adipose Tissue: Ability of Stromal Cells to Proliferate*

**Steven Cohen, MD, FACS (USA)**

University of California San Diego  
*Cellular Optimization of Nanofat: Increased Cell Count and Viability Using Lipocube Nano™*

**Sherry Collawn, MD, PhD (USA)**

UAB  
*Comprehensive Review of Adipose Grafting: From Volumization to Scar Release*

**Eray Copcu, MD (Turkey)**

MEST  
*Creating New Paradigm in Fat Processing: Adjustable Regenerative Adipose Tissue Transfer (ARAT)*

**Eray Copcu, MD (Turkey) - Video Presentation**

MEST  
*MEST: Mechanical SVF Transfer by Using Adinizer*

**Flore Delaunay, MD (France)**

Centre Hospitalier du Belvedere  
*Efficiency of Nanofat and PRP Therapy on the Facial Scleroderma*

**Candice Diaz, BS (Canada)**

LOEX- Laval University  
*Skin Damage Secondary to Radiotherapy: A Potential Therapy Using ASC-Based Biological Dressings in a Murine Model*

**Timur Dogruok, BS (Turkey)**

T-LAB  
*A Non-Enzymatic Protocol for Isolation of SVF. Control & Comparison to Enzymatic Outcomes*

**Jia Dong, MD (China)**

Sichuan University  
*Inflammatory Response Induced by Varied Concentration of SEV-AT*

**Hiba El Hajj, MD (Belgium)**

CHU Tivoli  
*Breast Reconstruction by Tissue Advancement, Lipofilling and Loops*

**Ilya Eremin, MD (Russia)**  
Central Clinical Hospital  
*Comparative Analysis of Therapeutic Efficacy of Mesenchymal Stromal Cells Isolated from Different Sources on Rat Model of Thermal Skin Burn*

**Afschin Fatemi, MD (Germany)**  
S-thetic Clinic  
*Why it Makes Sense to Use a Technology with Least Tissue Trauma Effects for Both Suction and Injection*

**Pauline Francois, PhD (France)**  
C2VN Aix marseille univ INSERM 1263 INRA 1260  
*Validation of a Good Manufacturing Practices-Compliant Process to Produce Adipose Derived Stromal Vascular Fraction for Cell-Based Therapy of Diabetic Foot Ulcers*

**Maxim Geeroms, MD (Belgium)**  
Universitair Ziekenhuis Brussel - Juntendo University Tokyo  
*QQ-Cultured MNC Improve the Fat Graft Vascularization and Survival*

**Pietro Gentile, MD, PhD (Italy)**  
University of Rome Tor Vergata  
*The Combined Use of Fat Graft Enriched with Stromal Vascular Fraction Cells, Nanofat And PRP in the Treatment of Face Soft Tissue Defects*

**Olivier Gostelie, MS (Netherlands)**  
Maasstad Hospital  
*Re-Neurolysis and Infiltration of Autologous Lipoaspirate Around the Median Nerve in Secondary Recurrent Carpal Tunnel Syndrome, a Prospective Cohort Study*

**Antonio Graziano, PhD (Italy)**  
Human Brain Wave srl  
*Micrografts Derived by Adipose Tissue: Indications and Perspectives*

**Pierre Guerreschi, MD, PhD (France)**  
CHRU Lille  
*3D Printable Bioresorbable Tissue Engineering Chamber to Promote Adipose Tissue Growth In Vivo*

**Jean Claude Guimberteau, MD (France) - Video Presentation**  
Endovivo Productions  
*Of Cells, Fibers and the Living Human Body. Exploration of the Relationships Between the Fibrillar Architecture and Cells within the Living Human Body by Intra-Tissular Endoscopy*

**Summer Hanson, MD (USA)**  
Allergan PLC  
*A Prospective, Randomized Time-and-Motion Study Comparing Rate of Processing Techniques in Autologous Fat Grafting: An Economic Analysis*

**Martin Harmsen, PhD (Netherlands)**  
University Medical Center Groningen  
*Intrapericardial Injection of Hydrogels Derived from Decellularized Cardiac Extracellular Matrix Loaded with Mesenchymal Stromal Cells and Their Secretome: A Novel Proposal of Therapeutic Approach to Cytostatics-Induced Dilated Cardiomyopathy*

**Nina Hassani, MD (Switzerland)**  
CIMMRA  
*Biological Treatment of Platelet-Rich Autologous Plasma Healing Disorders (PRP)*

**Jiawei He, MS (China)**  
Fujian Medical University Union Hospital  
*Foundation Researches and Clinical Applications of Exosomes From Adipose-Derived Stem Cells in Improving the Survival Rate of Transplanted Fat*

**Marco Helder, PhD (Netherlands)**  
VU University Medical Center  
*Short Calcitriol Pre-Treatment is Far Superior to Continuous Treatment in Stimulating Proliferation and Osteogenic Differentiation of Human Adipose Stem Cells*

**Kevin Hopkins, MD, FACS (USA)**  
Driscoll Childrens Hospital  
*Clinical Experience in 107 Procedures with Allograft Adipose Matrix (AAM) Grafting in the Pediatric Patient*

**Isaac James, MD (USA)**  
University of Pittsburgh  
*Optimizing Fat Graft Processing: A Prospective, Controlled Clinical Trial Comparing Telfa Rolling Versus Centrifugation for Fat Grafting Craniofacial Deformities*

**Ruipeng Jia, PHD (China)**  
Nanjing First Hospital  
*Comparison of the Effects of Ultrasound-Guided Adipose-Derived Stem Cells Transplantation and Other Traditional Transplantation Strategies on Cisplatin-Induced Kidney Injury*

**Mads Jørgensen, MD (Denmark)**  
Odense University Hospital  
*Treatment Of Breast Cancer Related Lymphedema With Adipose-Derived Regenerative Cells And Fat Grafting: An Ongoing Randomized, Placebo-Controlled And Double-Blinded Clinical Trial*

**Karlien Kallmeyer, MSc (Switzerland)**  
University of Geneva  
*Adipose-Derived Stromal Cells Enhance Wound Repair Under Pathological Conditions of Hyperglycaemia and Ischemia*

**Eleni Karagergou, MD, PhD, MRCS, FEBOPRAS (Greece)**  
Aristotle University of Thessaloniki  
*Adipose-Derived Stromal Vascular Fraction Enhances Cutaneous Wound Healing in an Animal Model*

**Jens Kastrup, MD, DMSc (Denmark)**  
Rigshospitalet  
*Allogeneic Adipose-Derived Stromal Mesenchymal Cell in Treatment of Ischemic Heart Failure*

**Natalie Khamtsova, PhD (Russia)**  
Perm Srate University of Medicine  
*Adipocytes and Fibroblast-Like Cells Viability Depending on the Number of Passages Through Fat Filters*

**Kitae Kim, MD (South Korea)**  
TAE Plastic Surgery Clinic  
*Trinity Rejuvenation Treatment (Combination Treatment with SVF, Fatgraft, and Fractional Laser) for Aging Face*

**Paul Kingham, PhD (Sweden)**  
Umea University  
*Adipose Tissue Stromal Vascular Fraction Cells Protect Against Skeletal Muscle Apoptosis*

**Kwang Sik Kook, MD (South Korea)**  
IDEA Plastic Surgery  
*Intradermal Injection of SVF Improves the Results of Laceration Wound and Scar Revision After Primary Closure*

**Jan Kopecky, MD, PhD (Czech Republic)**  
Institute of Physiology of the Czech Academy of Sciences  
*Healthy Adipocyte*

**Yurren Kuo, MD, PhD, FACS (Taiwan)**  
Kaohsiung Medical University Hospital  
*The Effect of Hypoxia- Induced Stem Cells-Preconditioned Secretome Medium Enhanced Diabetic Wound Healing in a STZ-Induced Diabetic Rats*

**Luminita Labusca, MD, PhD (Romania)**  
National Institute of Research and Development in Technical Phys  
*Human Adipose Derived Stem Cells Loaded with Magnetic Nanoparticle as Regenerative Tools*

**Fangyuan Lai, MD (Japan)**  
Kansai Medical University  
*Effect of Platelet-Rich Plasma on the Migration of Human Adipose-Derived Stem Cells*

**Hebert Lamblet, MD (Brazil)**

UNIFESP

*MSC Mechanical Dissociation Since 2006: The Shift Paradigma and the New Clinical Application*

**Valérie Lebrun, MS (Belgium)**

Novadip

*Allogenic 3D Scaffold-Free Tissue Engineered Product for Deep Thickness Skin Regeneration: In Vitro Characterization and In Vivo Biocompatibility*

**Wei Li, MD, PhD (China)**

Shanghai 9th Peoples Hospital

*Fat Extract Improves Random Pattern Skin Flap Survival in a Rat Model*

**Jun-xian Liang, MD (China)**

The First Affiliated Hospital of Jinan University

*Potential of Exosomes from Adipose-Derived Mesenchymal Stem Cells in Rejuvenation of the Photoaged Skin of Rats*

**Yunzhu Li, MD (China)**

Peking Union Medical College Hospital

*Single-Cell RNA-SEQ of Cultured Human Adipose-1 Derived Mesenchymal Stem Cells*

**Tsai-Ming Lin, MD, PhD (Taiwan)**

Charming Institute of Aesthetic and Regenerative Surgery

*Three Simple Steps for Refining Transcutaneous Lower Blepharoplasty for Aging Eyelids: The Indispensability of Micro-Autologous Fat Transplantation*

**Christine Linard, PhD (France)**

IRSN

*Stromal Vascular Fraction for the Treatment of the Radiation-Induced Gastrointestinal Syndrome*

**Amanda Lindeman, BS (USA)**

University of Florida

*Stem Cell Therapy for Osteoarthritis: A Survey of Florida's Unregulated Direct-to-Consumer Market*

**Hongwei Liu, MD, PhD (China)**

The First Affiliated Hospital of Jinan University

*Treatment of Androgenetic Alopecia with Concentrate of Nanofat Graft*

**Hongwei Liu, MD, PhD (China)**

The First Affiliated Hospital of Jinan University

*Autologous Fat Transplantation for Treatment of Abdominal Wall Scar Adhesion after Cesarean Section*

**Jingyu Liu, MS (China)**

Nanjing First Hospital

*LESW Preconditioning Promotes Homing of Adipose-Derived Endothelial Progenitor Cells to Attenuate Renal Ischemia Reperfusion Injury Via COX-2/Pge2 Pathway*

**Ramon Llull, MD, PhD (Spain)**

CellProtech

*Fat Graft Pulmonary Embolism (F-PES): Lymphatic System Preferentially Absorbs, Concentrates and Centrally Delivers Micellar Emboli from Fat Grafts Free Oil Fraction*

**Marie Laure Louis, MD (France)**

APHM

*Preliminary Results from Microprep Study: Intra Articular Injection of Autologous Microfat and Platelet-Rich Plasma in the Treatment of Knee Osteoarthritis*

**Jeremy Magalon, PharmD (France)**

Culture and Cell Therapy Unit INSERM CBT1409

*Regenerative Medicine and Wrist Osteoarthritis: Results from Phase I Clinical Trial Using Intra-Articular Injection of Autologous Microfat Associated with Autologous Platelet-Rich Plasma*

**Luca Mariotta, PhD (Switzerland)**

Swiss Stem Cell Foundation

*Tenogenic Differentiation Protocol In Xenogenic-Free Media Enhances Tendon-Related Marker Expression In ASCS*

**Francisco Martinez Garcia, DVM, MRes (Netherlands)**

University Medical Center Groningen

*Adipose Tissue-Derived Stromal Cells Modify the Viscoelastic Properties of Hydrogels: Opportunities for 3D Bioprinting*

**Noëlle Mathieu, PhD (France)**

IRSN

*Strategies to Improve Adipose Mesenchymal Stromal Cell Therapeutic Effect: Application to Pelvic Radiotherapy Side Effects*

**Alexia Mattei, MD (France)**

Alx Marseille University

*First-In-Man Injection of Autologous Adipose-Derived Stromal Vascular Fraction in Scarred Vocal Folds: A Prospective, Open-Label, Single Arm Clinical Trial*

**Jean-Paul Meningaud, MD, PhD (France)**

APHP

*Safety and Long-Term Follow-Up of the Use of Platelet Rich Plasma in Combination with Lipofilling on Facelift*

**Sophie Menkes, MD (Switzerland)**

Forever Institut

*Nanofat Grafting in Skin Rejuvenation: Evidenced Based Science, Protocol and Clinical Applications*

**Ayla Metin, MD (Turkey)**

Istanbul Bagcilar Education and Searching Hospital

*The Effect of Centrifuge Duration on Fat Graft Survival*

**Juliane Meyer, Dipl.-Biol (Germany) - Video Presentation**

Human Med AG

*Q-Graft® - A Closed and Safe System Facilitating the Intraoperative Isolation of the Stromal Vascular Fraction from Adipose Tissue*

**Omar Mohiuddin, MS (USA)**

Tulane University

*Decellularized Adipose Tissue Hydrogel Promotes Bone Regeneration in Mouse Segmental Femur Defect Model*

**Daniele Noël, PhD (France)**

Inserm

*MIR-29A Plays a Crucial Role in the Therapeutic Effect of ASC-Derived Extracellular Vesicles in Systemic Sclerosis*

**Carlo Oranges, MD (Switzerland)**

Basel University Hospital

*Three-Dimensional Evaluation of Breast Surface: Validation of a Novel Scanning Process to Assess Fat Grafting Outcomes*

**Ivona Percec, MD, PhD (USA)**

University of Pennsylvania

*Regulatory Roles of SIRT1 in Lineage Differentiation and Proliferation of Human Adipose-Derived Stem Cells During Chronological Aging*

**Ivona Percec, MD, PhD (USA)**

University of Pennsylvania

*Inflammatory States of Human Adipose-Derived Stem Cells and Adipose Tissue During Chronological Aging*

**Sanna Pitkänen, MS (Finland)**

Tampere University

*Supercritical Fluid Processed Porous Composite is a Promising Bone Substitute Material*

**Chadwick Prodromos, MD (USA)**

Illinois Sportsmedicine and Orthopaedic Centers

*Mesenchymal Stem Cell Injection is an Effective Alternative to Total Knee Arthroplasty for Patients with Moderate Knee Arthrosis*

**Sudheer Ravuri, PhD (USA)**

Steadman Philippon Research Institute

*The Positive Effect of Mechanical Strain on ASCS: Implications for Musculoskeletal Repair*

**Foissac Rémi, MD (France)**  
Clinique Saint George  
*Homeotic and Embryonic Gene Expression in Breast Adipose Tissue and in Adipose Tissues Used as Donor Sites in Plastic Surgery*

**Jorge Ribeiro, MS (Portugal)**  
Cibraozinho  
*Therapeutic Effects of Adipose Mesenchymal Stem Cells Secretome on a Mouse Spinal Cord Injury Model*

**Luís Rocha, MS (Portugal)**  
ICVS - Universidade do Minho - Braga - Portugal  
*Developing a Vascularization Strategy Using Adipose Tissue Stem Cells and Biodegradable Hydrogels to Enhance Recovery Following Spinal Cord Injury*

**Natsumi Saito, PhD (Japan)**  
Jichi Medical University  
*Therapeutic Potential of Human Adipose-Derived Endothelial Progenitor Cells (AEPCS) for Diabetic Skin Ulcer*

**Ant Salgado, PhD (Portugal)**  
University of Minho  
*Immunomodulatory and Regenerative Effect of the Vesicular and Proteic Secretome of Adipose Tissue Derived Stem Cells in Spinal Cord Injury Regenerative Medicine*

**Elias Sawaya, MD (France) - Video Presentation**  
Institut Aquitain de la Main  
*The Apple Never Falls Far From the Tree*

**Nicolas Serratrice, MS**  
Hôpital de La Conception  
*Neuroprotective Effects of Adipose-Derived Stromal Vascular Fraction Stem Cells on Acute Traumatic Spine Cord Injuries in Rats*

**Mélanie Serrero, MD (France)**  
Hospital Nord

*Long-Term Safety and Efficacy of Local Microinjection Combining Autologous Microfat and Adipose-Derived Stromal Vascular Fraction for Treatment of Refractory Perianal Fistula in Crohn's Disease*

**Nevra Seyhan, MD (Turkey)**  
Gulhane Training and Research Hospital  
*Effect of Fresh and Frozen Platelet Rich Plasma Combinations with Hyperbaric Oxygen on Chronic Wound Healing in Rats*

**Yevgen Shagov, MD, PhD (Ukraine)**  
ReFuture Clinic  
*Orthopedics: Innovations In Cell Therapy*

**Nir Shani, PhD (Israel)**  
Tel Aviv Sourasky Medical Center  
*Cryopreservation of Stromal Vascular Fraction Cells Reduces Their Counts but not Their Stem Cell Potency: Can Cryopreserved Stromal Vascular Fraction Cells Replace Freshly Isolated Cells in the Clinic?*

**Martin Sollie, MD, PhD (Denmark)**  
Odense University Hospital  
*Autologous Fat Grafting as Treatment for Post-Herpetic Neuralgia - Results from a Pilot Trial Investigating Feasibility, Efficacy and Safety*

**Amy Strong, MD, PhD (USA)**  
University of Michigan  
*Fat Grafting to the Face and Hands for the Treatment of Scleroderma*

**Nicolas Theys, PhD (Belgium)**  
Novadip Biosciences SA  
*Genetic Stability Assessment in Bone Tissue-Engineered Products*

**Nicolas Theys, PhD (Belgium)**  
Novadip Biosciences SA  
*Monitoring of Cell Culture Conditions and Early Prediction of the Quality of an Osteogenic Cell-Based Medicinal Product*

**Gaëtan Thirion, MS (Belgium)**  
Novadip Biosciences  
*The In Vivo Immunogenicity of a Human 3D Scaffold-Free Tissue Engineered Product for Bone Reconstruction: A Xenogenic Model*

**Tunc Tiryaki, MD (Turkey)**  
Cellest Plastic Surgery Clinic  
*Stromal Vascular Matrix (SVM) Grafting: Basic Research and Clinical Applications*

**Dmitry Traktuev, PhD (USA)**  
University of Florida  
*Adipose Stem Cell Conditioned Medium Improves Mouse Heart and Human iPSC-Derived Cardiomyocyte Preservation in Heart Transplantation Cardioplegic Conditions*

**Angelo Trivisonno, MD (Italy)**  
Sapienza University  
*Fluid Cartilage*

**Angelo Trivisonno, MD (Italy) - Video Presentation**  
Sapienza University  
*Different Products of the Fat*

**Aartje Tuin, MD (Netherlands)**  
University Medical Center Groningen  
*Sterility And Endotoxin Levels After Mechanical Isolation of Stromal Vascular Fraction by the Fat-Procedure*

**Aartje Tuin, MD (Netherlands)**  
University Medical Center Groningen  
*Volumetric Effect and Patients' Satisfaction of Facial Fat Grafting*

**Joeri van Boxtel, MSc (Netherlands)**  
University Medical Center Groningen UMCG  
*Platelet Rich Plasma Combined with Tissue-Stromal Vascular Fraction From Lipoaspirate and its Potential Effect on Osteoarthritis of the Knee*

**Joris van Dongen, MD (Netherlands)**  
University Medical Center Groningen  
*Adipose Tissue-Derived Extracellular Matrix Hydrogels as a Release Platform for Secreted Paracrine Factors*

**Joris van Dongen, MD (Netherlands)**  
University Medical Center Groningen  
*The Addition of Platelet-Rich Plasma to Facial Lipofilling: A Double-Blind, Placebo-Controlled, Randomized Trial*

**Joris van Dongen, MD (Netherlands)**  
University Medical Center Groningen  
*Addition of Tissue Stromal Vascular Fraction to Lipofilling and Platelet Rich Plasma Does Not Improve the Facial Skin Quality and Patient Satisfaction*

**Joris van Dongen, MD (Netherlands)**  
University Medical Center Groningen  
*The Effects of Facial Lipografting on Skin Quality: A Systematic Review*

**Thierry van Hemelryck, MD (France)**  
La Clinique Esthetique  
*Highlights on Facelifts and Nanofat Transfers Outcomes*

**Viacheslav Vasilyev, PhD (Russia)**  
South Ural State Medical University  
*Autologous Fat Grafting Combined with Adipose-Derived Stromal Vascular Fraction Injection for Complete Spontaneous Healing of Radiation-Induced Rectum Lesions*

**Sophie Veriter, PhD (Belgium)**  
Novadip Biosciences  
*An Allogenic 3D Scaffold-Free Tissue Engineered Product for Deep Thickness Skin Regeneration: In Vitro Development to In Vivo Proof of Concept*

**Sophie Veriter, PhD (Belgium) - Video Presentation**

Novadip Biosciences

*A Scaffold-Free Graft For Large Critical Size Bone Defect: Preclinical Evidence to Clinical Proof of Concept*

**Marco Viganò, PhD (Italy)**

IRCCS Istituto Ortopedico Galeazzi

*The Paracrine Action of Autologous Microfragmented Adipose Tissue Counteracts Inflammation in an In Vitro Model of Tendon Pathology*

**Linda Vriend, MD (Netherlands)**

University and Medical Center Groningen

*ASC Secretome-Loaded Decellularized Extracellular Matrix (ECM) Hydrogels Augment Diabetic Wound Healing*

**Sheri Wang, BS (USA)**

University of Pittsburgh

*Vitamin D3 (Calcitriol) Improves Autologous Fat Graft Retention In Murine Model*

**Jian Wang, MD (China)**

Plastic Surgery Hospital ,Chinese Academy of Medical Science

*Isolation of Human Adipose-Derived Stromal Cells Using Suction-Assisted or Third-Generation Ultrasound-Assisted Lipoaspiration and Their Therapeutic Potential in Cartilage Tissue Engineering*

**Chao-Chuan Wu, MD (Taiwan)**

Chai-Yen Plastic and Aesthetic Clinic

*Breast Augmentation with Autologous Fat Graft*

**Ran Xiao, MD (China)**

Plastic Surgery Hospital CAMS PUMC

*Fructose 1,6-Bisphosphate as a Protective Agent for Fat Grafting*

**Xi Yao, PhD**

*3D Brown-Like Adipocytes Derived from Human Ipscs for In Vitro Preclinical Drug Discovery and for Cell-Based Therapy to Treat Obesity*

**Jiashing Yu, PhD (Taiwan)**

National Taiwan University

*Enzyme-Crosslinked Gelatin Hydrogel Enriched with Articular Cartilage Extracellular Matrix and Human Adipose-Derived Stem Cells for Hyaline Cartilage Regeneration of Rabbits*

**Mei Yu, PhD (China)**

Sichuan University

*Deno Adipogenesis Induced by Small Extracellular Vesicles Derived From Xenogenic Adipose*

**Yin-Di Yu, MD (China)**

The First Affiliated Hospital of Jinan University

*Preparation of Nanofat Concentrate and its Use for Treatment of Hypertrophic Scar*

**Juping Yuan, MD (Germany)**

University Hospital Frankfurt

*Primary Cilia are Dysfunctional in Obese Adipose-Derived Mesenchymal Stem Cells*

**Wenjie Zhang, MD, PhD (China)**

Shanghai 9th Peoples Hospital

*Fat Extract Improves Fat Graft Survival Via Proangiogenic, Anti-Apoptotic and Proliferative Activities*

**Qixu Zhang, MD, PhD (USA)**

the University of Texas MD Anderson Cancer Center

*Lymphatic Vessels Engineering for Secondary Lymphedema Treatment*

**Yan Zhang, MD (China)**

Sichuan University

*NPM3 Activates Thermogenesis in White Adipose Tissue*

**Changcheng Zhou, PhD (China)**

Nanjing First Hospital

*The Use of Kidney Extracellular Matrix Hydrogel for Enhancing the Therapeutic Effects of Adipose-Derived Mesenchymal Stem Cells for Acute Kidney Injury Induced by Ischemia-Reperfusion*

**Mary Ziegler, PhD (USA)**

UCI

*Characterizing the Capacity of Allograft Adipose Matrix and Adipose-Derived Fascia Matrix to Support Adipogenesis for Soft Tissue Reconstruction*