

# CELL SOCIETY | 2012

## 2<sup>ND</sup> ANNUAL CLINICAL MEETING

FEBRUARY 17-18, 2012  
SAN DIEGO, CALIFORNIA

### AGENDA OVERVIEW

CELL  SOCIETY

#### FRIDAY | FEBRUARY 17, 2012

7:00 AM - 7:30 AM	BREAKFAST	
7:30 AM - 7:40 AM	Opening Remarks	Steven R. Cohen, MD & Emerson C. Perin, MD, PhD
7:40 AM - 8:00 AM	Keynote Address	Arnold Caplan, PhD
8:00 AM - 10:00 AM	Industry Updates: Commercialization Opportunities with Adult Stem Cell Therapies	Moderators: Steven R. Cohen, MD & Emerson C. Perin, MD, PhD
10:00 AM - 10:30 AM	BREAK	
10:30 AM - Noon	Section 1: Updates in Plastic & Reconstructive Surgery and Wound Healing Indications	Moderator: Steven R. Cohen, MD
Noon - 1:00 PM	LUNCH	
1:00 PM - 2:30 PM	Section 2: Updates in Cardiology Indications	Moderator: Emerson C. Perin, MD, PhD
2:30 PM - 3:45 PM	Section 3: Updates in Neurology Indications	Moderator: Sean I. Savitz, MD
3:45 PM - 4:15 PM	BREAK	
4:15 PM - 5:15 PM	Section 4: Stem Cell Applications in Orthopaedic Tissues	Moderator: Theodore Miclau, III, MD
5:15 - 5:30	Close - Day 1	

#### SATURDAY | FEBRUARY 18, 2012

7:15 AM - 8:00 AM	BREAKFAST	
8:00 AM - 8:20 AM	Opening Remarks	Steven R. Cohen, MD & Emerson C. Perin, MD, PhD
8:20 AM - 8:40 AM	Section 5: Cell Society - A Vision for the Future	Shawn Poole
8:40 AM - 9:00 AM	Section 6: A Patient's Perspective	TBD
9:00 AM - 10:00 AM	Section 7: The Practice of Medicine and Government Regulation: The Rubicon	Moderator: Kenneth K. Kleinhenz, VP Regulatory Affairs & Quality Assurance, Cytori Therapeutics, Inc
10:00 AM - 10:30 AM	BREAK	
10:30 AM - Noon	Section 8: The Future of Stem Cell Therapy in the US	Moderators: Steven R. Cohen, MD & Emerson C. Perin, MD, PhD
Noon - 1:00 PM	LUNCH	
1:00 PM - 2:30 PM	Looking Ahead - Clinical Discussions: Plastic & Reconstructive Surgery, Wound Healing & Urology	Moderator: Steven R. Cohen, MD
2:30 PM - 2:45 PM	BREAK	
2:45 PM - 3:30 PM	Looking Ahead - Clinical Discussions: Cardiology	Moderator: Emerson C. Perin, MD, PhD
3:30 PM - 4:15 PM	Looking Ahead - Clinical Discussions: Orthopaedics	Moderator: Theodore Miclau, III, MD
4:15 PM - 4:30 PM	Meeting Close	Steven R. Cohen, MD & Emerson C. Perin, MD, PhD

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### DETAILED AGENDA – FRIDAY, FEBRUARY 17, 2012

CELL  SOCIETY

<b>OPENING</b>	
Opening Remarks: Meeting Chairmen	Steven R. Cohen, MD & Emerson C. Perin, MD, PhD
Keynote Address: The State of MSC's in 2012	Arnold Caplan, PhD
<b>INDUSTRY UPDATES</b>	
Athersys, Inc.	Robert Deans, PhD, Executive Vice President, Regenerative Medicine, Athersys, Inc.
Aldagen	Edward L. Field, Chief Operating Officer, Aldagen
Cytori Therapeutics, Inc.	Marc Hedrick, MD, President, Cytori Therapeutics, Inc.
StemCells, Inc.	Ann Tsukamoto, PhD, Executive Vice President, Research & Development
NuVasive, Inc.	Timothy Moseley, PhD, Senior Scientist, Biologics
Others – TBD	
<i>Panel Discussion</i>	
<b>UPDATES IN PLASTIC SURGERY &amp; WOUND HEALING</b>	<b>Chairman: Steven R. Cohen, MD</b>
Use of Adipocyte Derived Stem and Regenerative Cells in Plastic Surgery – Updates on Patient Outcomes, An IRB Study	Steven R. Cohen, MD
A Direct Comparison of Three Stem Cell Separation Methods	Joel Aronowitz, MD
Face Lifting Assisted by Stromal Enriched Lipograft Vs. Face Lifting Assisted by Non-Stromal Enriched Lipograft: A Clinical Study	Aris Sterodimas, MD
Treatment of Scleroderma with Microfat Injections and ADRCs	Guy Magalon, MD
Bone Marrow Derived Stem Cell Therapy for Critical Limb Ischemia in the Diabetic Foot	Vaclav Procházka, MD, PhD
<i>Panel Discussion</i>	
<b>UPDATES IN CARDIOLOGY INDICATIONS</b>	<b>Chairman: Emerson C. Perin, MD, PhD</b>
Stem Cells for Cardiac Repair in Acute Myocardial Infarction	Andreas Zeiher, MD
Stem Cell Therapy in Peripheral Arterial Disease	Guilherme Silva, MD
Stem Cells for the Treatment of Heart Failure	Emerson C. Perin, MD, PhD
Bone Marrow Trials for STEMI and the BAM1 Program	Andreas Zeiher, MD
<i>Panel Discussion</i>	
<b>UPDATES IN NEUROLOGICAL INDICATIONS</b>	<b>Chairman: Sean Savitz, MD</b>
Cell Therapy for Stroke Patients	Sean Savitz, MD
Adult Stem Cells for MS	Jeffrey Cohen, MD
Clinical Trials Utilizing Adult Stem Cells for ALS	Karl Johe, PhD
Novel Approaches Using Stem Cells to Treat Brain Tumors	Karen Aboody, MD
<i>Panel Discussion</i>	
<b>STEM CELL APPLICATIONS IN ORTHOPAEDIC TISSUES</b>	<b>Chairman: Theodore Miclau, III, MD</b>
The Role of Stem Cell Therapy in Fracture Healing	Ralph Marcucio, PhD
Stem Cell Therapy in the Treatment of Cartilage Defects	Alfred Kuo, MD, PhD
Stem Cell Use in Intervertebral Disc Disease	Jeffrey Lotz, PhD
<i>Panel Discussion</i>	

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### DETAILED AGENDA – SATURDAY, FEBRUARY 18, 2012

CELL  SOCIETY

<b>OPENING</b>	
Summary of Day 1 and Welcome	Steven R. Cohen, MD & Emerson C. Perin, MD, PhD
<b>CELL SOCIETY – VISION FOR THE FUTURE</b>	<b>Shawn Poole, Executive Director, Cell Society International</b>
<b>A PATIENT'S PERSPECTIVE</b>	<b>TBD</b>
<b>PANEL: THE PRACTICE OF MEDICINE AND GOVERNMENT REGULATION: THE RUBICON</b>	
The Encroachment of Regulators: Are Your Rights Being Relegated?	Kenneth K. Kleinhenz, VP Regulatory Affairs & Quality Assurance, Cytori Therapeutics, Inc. Joyce Frey-Vasconcells, PhD, Executive Director Cell and Gene Therapy, PharmaNet Stephen Rhodes, Sr. Consultant, Medical Devices; Biologics Consulting Group Alexander Denoon, Partner, Lawford Davies Denoon Mitchell S. Fuerst, Esq., Managing Partner Fuerst Ittleman, PL
Panel Members	
<b>THE FUTURE OF STEM CELL THERAPY IN THE UNITED STATES</b>	
Stem Cells – Understanding FDA Regulations	J. Peter Rubin, MD
Priorities of ARM Related To the Future of Stem Cell Therapies – Bridging the Government Gap	Michael Werner, Co-Founder & Executive Director, Alliance for Regenerative Medicine
CIRM – Lessons Learned and Moving Forward	Duane Roth, Vice Chair, CIRM
The Future of Reimbursement for Stem Cell Therapy Treatment	Michael R. Pollock, President of Reynolds Pollock & Associates
Government & Industry - Working Together to Advance Treatment Options with Stem Cell Therapies	Scott Bruder, MD, PhD, Sr. Vice President & Chief Science and Technology Officer, Becton Dickinson
<b>LOOKING AHEAD – CLINICAL DISCUSSIONS</b>	
<b>PLASTIC SURGERY, WOUND HEALING &amp; UROLOGY</b>	<b>Chairman: Steven R. Cohen, MD</b>
Use of Cell Enriched Fat Grafting in Oncoplastic Surgery of the Breast	Eisuke Fukuma, MD
Role of Stem Cell Therapy in the Treatment of Stress Urinary Incontinence	Momokazu Gotoh, MD, PhD
Stem Cell Therapy in Treating Fistulas	Mr. Pud Bhaskar
Stem Cell Therapy and their Effect on Radiation Induced Wounds	Sadanori Akita, MD, PhD
Adipose Stem Cell Engineering in Plastic & Reconstructive Surgery-Current and Future Applications	Aris Sterodimas, MD
Evidence for the Mechanisms of Wound Healing with Transplanted Fat	Sydney Coleman, MD
<b>CARDIOLOGY</b>	<b>Chairmen: James T. Willerson, MD &amp; Emerson C. Perin, MD, PhD</b>
Cell Based Bio-artificial Heart	Doris Taylor, PhD
Heart Failure & Ventricular Geometry: a Novel Therapeutic Agent	TBD
The Cardiovascular Cell Therapy Research Network	Lemuel A. Moyé, MD, PhD
<b>ORTHOPAEDICS</b>	<b>Chairman: Theodore Miclau, III, MD</b>
Stem Cell Applications in Orthopaedic Surgery - How Close are We?	Chelsea S. Bahnay, PhD
Stem Cells – Scaffolds in Tissue Engineering	Shuvo Roy, PhD
Stem Cell applications in Orthopaedics – An Industry Perspective	Anthony Ratcliffe, PhD, President and CEO, Synthasome, Inc.