Registration Information
15th Annual IFATS Meeting

IFATS
International Federation for Adipose Therapeutics and Science

November 30 - December 3, 2017
Loews Miami Beach Hotel
Miami, Florida
www.ifats.org
IFATS invites you to the 15th Annual Meeting in Miami, Florida on November 30 through December 3!

The IFATS annual symposium is the premier international meeting dedicated to exchanging the most up-to-date information on basic, translational and clinical aspects of adipose-derived products, including adipose-derived stem cells (ASC). No other meeting covers this fascinating and topical area of science with greater breadth and depth.

Each year, as the science matures, we come to understand more about the therapeutic potential of ASC and other adipose-derived products. The IFATS Annual Meeting is an important forum for discovering the newest science, providing each participant with the opportunity to interact with the brightest minds in the field.

This unique platform provides a 360° view of the present state of the art as well as future frontiers. The relevance of the IFATS Annual Meeting has arguably never been greater than the present moment in time. With over 300 clinics providing adipose-derived therapies in the US alone and as many more internationally, the need for disseminating hard science is critical.

To complement a superb scientific program provided by attendee presentations, and in keeping with the excellent programs of past meetings, this year the organizers have assembled an outstanding program of guest speakers and skills courses. The meeting will include a number of prestigious keynote speakers who are certain to challenge and stimulate our understanding of regenerative medicine.

Highlights of the meeting are:

- An Overview of ASC Regenerative Medicine - Bernie Siegal, JD
- Intercellular Messaging Through Exosomes - Camillo Ricordi, MD, Paul Robbins, PhD
- PRP Therapeutics - Robert Marx, DDS, Randy Miller, MD
- Hepatocyte Growth Factor - Abdolreza Zarnegar, PhD
- Impact of Current Healthcare and Regulatory Environments - Mary Ann Chirba, JD, DSc, MPH
- The Science of Regenerative Medicine and Longevity - Aubrey de Grey, PhD
- Industry Showcases

And, did we mention social programs? This is Miami after all: glorious sun, sand, ocean- all conspiring to inspire creativity while allowing for elements of relaxation.

We look forward to seeing each and every one of you this year with the expectation that this meeting will set a new standard in a long history of excellent meetings.

Brian Johnstone, PhD
IFATS President
### Scientific Program

#### Thursday - November 30, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Coffee in the Exhibit Hall</td>
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| 8:00 - 8:30 am | Welcome Remarks  
Brian Johnstone, PhD - IFATS President                                           |
| 8:30 - 9:30 am | Keynote Speaker  
Overview of Adipose Tissue Derived Stem Cell Regenerative Medicine  
Bernard Siegal, JD - Executive Director, Regenerative Medicine Foundation, Palm Beach, FL |
| 9:30 - 10:30 am | Plenary Session 1 - Mechanisms of ASC Function  
Moderators: Bruce Bunnell, PhD & Jeff Gimble, MD, PhD |
| 10:30 - 11:00 am | Coffee Break in Exhibit Hall                                                                |
| 11:00 am - 12:00 pm | Symposium: Part I - Exosomes  
Role of Exosomes and Inter-Cellular Messaging in Adipose Derived MSC Behavior  
Speaker: Camillo Ricordi, MD - Stacy Joy Goodman Professor of Surgery, Distinguished Professor of Medicine, Professor of Biomedical Engineering, and Microbiology and Immunology at the University of Miami  
Director of the Diabetes Research Institute and the Cell Transplant Program; Miami, FL  
Moderator: Ricardo Rodriguez, MD |
| 12:00 - 1:00 pm | Symposium: Part II - Exosomes and Cell Messaging  
Speaker: Paul Robbins, PhD - Department of Molecular Medicine, Director of the TSRI Center on Aging; The Scripps Research Institute, Jupiter, FL  
Moderator: Diego Correa, PhD |
| 1:00 - 2:00 pm | Lunch in Exhibit Hall                                                                        |
| 2:00 - 3:00 pm | Industry Showcase I  
Guest Speaker: Ricardo Rodriguez, MD |
| 3:00 - 4:00 pm | Guest Speaker - PRP  
Regenerative Potential and Clinical Applications of Combined Adipose Tissue Grafts and Platelet Rich Plasma (PRP) from Bone Marrow Aspirates  
Robert Marx, DDS - Professor of Surgery, Division of Oral and Maxillofacial Surgery; University of Miami  
Miller School of Medicine, Miami, FL  
Moderator: Randy Miller, MD |
| 4:00 - 4:30 pm | Coffee Break in Exhibit Hall                                                                |
| 4:30 - 5:30 pm | Guest Speaker - HGF  
Role of Hepatocyte Growth Factor (HGF)/HGFR Signaling in Glucose and Fat Metabolism  
Abdolreza Zarnegar, PhD - Department of Pathology, University of Pittsburgh Medical Center, Pittsburgh, PA  
Moderator: Ricardo Rodriguez, MD |
| 5:30 - 6:40 pm | Plenary Session 2 - Clinical Studies with SVF  
Moderators: J. Peter Rubin, MD, FACS & Keith March, MD, PhD |
| 6:40 pm     | Adjourn for the day                                                                          |

#### Friday - December 1, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00 am</td>
<td>Coffee in the Exhibit Hall</td>
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| 7:30 - 8:30 am | Case Report of Blindness After SVF Injections for Treatment of Macular Degeneration  
Speaker: Thomas Albini, MD - University of Miami Ophthalmology |
| 8:30 - 9:45 am | Plenary Session 3 - Highest Scoring Abstracts (Mixed categories)  
Moderators: Bruce Bunnell, PhD & Julie Fradette, PhD |
| 9:45 - 11:00 am | Concurrent 1 - ASC Isolation and Culture  
Moderators: Susanna Miettinen, PhD & Sherry Collawn, MD, PhD |
| 9:45 - 11:00 am | Concurrent 2 - Fat Grafting I  
Moderators: Ali Modaressi, MD & Filip Stillaert, MD, FCCP |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:00 - 11:20 am</td>
<td>Coffee Break in Exhibit Hall</td>
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</table>
| 11:20 am - 12:30 pm | **Concurrent 3 - Scaffolds**  
Moderators: Stuart Williams, PhD & Bryan Choi, MS |
| 11:20 am - 12:30 pm | **Concurrent 4 - Wound Healing**  
Moderators: Robert Bowen, MD, FCCP & Philippe Foubert, PhD |
| 12:30 - 1:30 pm | Lunch & Learn I                                                        |
| 1:30 - 2:30 pm | **Panel - PRP Basic Science and Clinical Applications**  
Moderator: Randy Miller, MD  
Panelists: Peter Everts, PhD; Sherman Canapp, DVM; Guy Magalon, MD |
| 2:30 - 3:30 pm | **Industry Showcase II**  
Moderator: Stuart Williams, PhD |
| 3:30 - 4:00 pm | Coffee Break in Exhibit Hall                                          |
| 4:00 - 5:00 pm | **Concurrent 5 - ASC Functional Characterization**  
Moderators: Torsten Blunk, PhD & Kevin Zwezdaryk, PhD |
| 4:00 - 5:00 pm | **Concurrent 6 - Defining SVF**  
Moderators: Gorana Kuka Epstein, MD & Dmitry Traktuev, PhD |
| 5:00 - 6:30 pm | Poster Session                                                         |
| 6:30 pm       | Dinner on own                                                          |
| **Saturday - December 2, 2017** |                                                        |
| 7:30 am       | Coffee in the Exhibit Hall                                             |
| 8:00 - 9:00 am | IFATS Members Meeting                                                  |
| 9:00 - 10:30 am | **Skills Course**  
What IFATS Can Answer That Other Societies Will Not!  
Ramon Llull, MD, PhD & Sydney Coleman, MD |
| 9:00 - 10:30 am | **Concurrent 7 - Effects of Donor Physiology on ASC**  
Moderators: Lauren Kokai, PhD & Susanna Miettinen, PhD |
| 10:30 - 11:00 am | Coffee Break in Exhibit Hall                                          |
| 11:00 am - 1:00 pm | **Skills Course**  
How to Get Published and Gain Impact  
STEM CELL Staff |
| 11:00 am - 1:00 pm | **Concurrent 8 - Fat Grafting II**  
Moderators: Jeffrey Hartog, MD, DMD & Katarina Andjelkov, MD, PhD |
| 1:00 - 2:00 pm | Lunch & Learn II                                                       |
| 2:00 - 3:00 pm | **Concurrent 9 - Tissue Engineering**  
Moderators: Julie Fradette, PhD & Torsten Blunk, PhD |
| 2:00 - 3:00 pm | **Concurrent 10 - Bone and Soft Tissues**  
Moderators: Marco Helder, PhD & Susanna Miettinen, PhD |
| 3:00 - 3:30 pm | Coffee Break in Exhibit Hall                                          |
| 3:30 - 4:30 pm | **Guest Speaker**  
The Turbulent Healthcare and Regulatory Environment and What it Means for Adipose Derived Regenerative Therapies  
Mary Ann Chirba, JD, DSc, MPH - Professor of Legal Reasoning, Health Law faculty, Boston College Law School, Boston, MA; Joint faculty appointment, Tufts Medical School JD/MPH program; Adjunct Professor of Law, NYU Law School, New York, NY, IFATS Advisory Board  
Moderator: Adam Katz, MD, FACS |
**4:30 pm**  
**Panel:** Buttock Fat Grafting - Catastrophic Events  
**Moderator:** J. Peter Rubin, MD, FACS  
**Panelists:** Sydney Coleman, MD & Ricardo Rodriguez, MD

**7:00 pm**  
**White Nights Party at Nikki Beach**

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**Sunday - December 3, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>7:30 am</td>
<td>Coffee</td>
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<tr>
<td>8:00 - 8:10 am</td>
<td>Introductory Remarks</td>
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<tr>
<td>8:10 - 10:10 am</td>
<td><strong>Plenary Session 4 - Hot Topics</strong></td>
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<tr>
<td></td>
<td>Moderators: Marco Helder, PhD &amp; Ramon Llull, MD, PhD</td>
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<tr>
<td>10:10 - 10:25 am</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:25 - 11:45 am</td>
<td><strong>Guest Speaker</strong></td>
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<tr>
<td></td>
<td>The Science of Regenerative Medicine and Longevity</td>
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<td></td>
<td>Aubrey de Grey, PhD - Chief Science Officer and Co-founder of SENS Research Foundation</td>
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<tr>
<td></td>
<td>Moderator: Brian Johnstone, PhD</td>
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<tr>
<td>11:45 am</td>
<td>Concluding Remarks</td>
</tr>
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**Lunch and Learn table discussions - Friday, December 1, 2017**

1. Clinical Fat Grafting - Tips, Techniques & Regulatory Status
2. Designing and Implementing Clinical Studies with Adipose and/or SVF
3. Using Adipose to Improve Reconstructive Outcomes After Radiation Therapy
4. Experience with Acellular Matrices for Soft Tissue Reconstruction
5. Basic Research in Adipose Tissue Immune Cells and Immunomodulation
6. Basic Research in ASC Characterization: How Should we Assess Identity and Functionality?
7. Fat Grafting for Septuagenarians and Beyond: Identifying Risks or Special Considerations
8. Basic Research in Brown and Beige Fat
9. Basic Research in Adipose Cell Messaging and Exosomes
10. Basic and Clinical Research with Adipose and PRP
11. Allergan - Science of REVOLVE Fat Grafting: Introduction to New Fat Processing Technology
12. Biospherix - Overcoming Obstacles: A Journey From Startup to Clinical Manufacturing
13. CAREstream America - Cell Harvesting & Processing Techniques - Dr. Klaus Ueberreiter
14. Shippert/Summit Medical - Adipose Tissue Collection Device Options
15. CAREstream America - Fat Grafting & Cell Processing: Ensuring the Best Harvest to Maintain Cell Viability - Dr. Susanna Kauhanen

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**Lunch and Learn table discussions - Saturday, December 2, 2017**

1. Clinical Fat Grafting - Tips, Techniques & Regulatory Status
2. Designing and Implementing Clinical Studies with Adipose and/or SVF
3. Using Adipose to Improve Reconstructive Outcomes After Radiation Therapy
4. Experience with Acellular Matrices for Soft Tissue Reconstruction
5. Basic Research in Adipose Tissue Immune Cells and Immunomodulation
6. Basic Research in ASC Characterization: How Should we Assess Identity and Functionality?
7. Fat Grafting for Septuagenarians and Beyond: Identifying Risks or Special Considerations
8. Basic Research in Brown and Beige Fat
9. Basic Research in Adipose Cell Messaging and Exosomes
10. Basic and Clinical Research with Adipose and PRP
11. Allergan - Optimizing Fat Grafting Outcomes with Surgical Technique and New Fat Processing Technology
12. CAREstream America - Cell Processing & Counting for Regenerative Medicine - Dr. Todd Malan
13. Stem Cell Centers - How Stem Cell Centers Built a $4 Million a Year Regenerative Medicine Practice
14. Tulip Medical - Fat Injection and Nanofat

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**ACCOMMODATIONS**

**Meeting Venue:**  
Loews Miami Beach Hotel  
1601 Collins Avenue  
Miami Beach, FL 33139  
Reservations: 1-888-879-0462 (US only toll free)  
1-305-604-1601

**Room Rates:**  
Standard Guest Room - $239.00  
Upgraded room types may be available for an additional fee.  
Resort Amenity Program: $13 per day.

**To book online:**  
1. Go to https://www.ifats.org/hotel-reservations  
2. Click on Reserve Now  
3. Click on Book Now in upper right corner  
4. Proceed as instructed

*Cut-off date for discounted room reservations is Tuesday, October 30, 2017 or sooner if rooming block is sold out.*
Members, you must pay your 2017-2018 dues to qualify for member registration fees.

PERSONAL PROFILE

First Name ___________________________ Last Name ___________________________

Please indicate your Degree:  ○ MD  ○ MD, PhD  ○ MD, FACS  ○ MD, DDS  ○ PhD  ○ Other ________

The ‘badge name’ is your name as you would like it to appear on your name badge, for example Tom instead of Thomas.

Name on your badge ___________________________

Organization ___________________________

Department ___________________________

Address _________________________________

City ____________________ State (US Only) __________ Province/District __________ Postal Code __________

Country ___________________________

Email Address ___________________________

Phone Number ___________________________

Fax Number ___________________________

CONFERENCE REGISTRATION FEES

includes daily continental breakfast, coffee breaks, lunch & welcome reception

<table>
<thead>
<tr>
<th>IFATS Members</th>
<th>Early Fee by 10/31/17</th>
<th>After 10/31/17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active IFATS Member</td>
<td>○ $ 650</td>
<td>○ $ 950</td>
</tr>
<tr>
<td>Trainee Member*</td>
<td>○ $ 400</td>
<td>○ $ 650</td>
</tr>
<tr>
<td>Non-Members</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Member</td>
<td>○ $1,200</td>
<td>○ $1,500</td>
</tr>
<tr>
<td>Trainee Non-Member*</td>
<td>○ $ 600</td>
<td>○ $ 850</td>
</tr>
</tbody>
</table>

*Must provide letter verifying current Trainee status to qualify for discount rate.

Total $____________________

LUNCH AND LEARN TABLE DISCUSSIONS

Please see the lunch and learn discussion listings on page 5

I plan to attend a lunch time discussion table on Friday, Dec 1st  I will attend session # __________

I plan to attend a lunch time discussion table on Saturday, Dec 2nd  I will attend session # __________

I do not plan to attend a lunch time discussion table

SOCIAL FUNCTION FEE

Welcome Reception, Registrant - Friday, December 1  ○ Yes, I will attend + _____ # of Guests

Nikki Beach - Saturday, December 2

( Nikki Beach is not included in registration fee)

_____ # Tickets @ $125 (after 10/31 $200)  Total $__________

TOTAL FEES ENCLOSED = $_______________

FEE AND PAYMENT METHOD - To register on-line, go to www.ifats.org

○ Visa  ○ MasterCard  ○ American Express

Number __________  Exp. Date __________  CVV Code __________

(IFATS tax ID number 01-0715737)

Name as it appears on card (please print) ___________________________

Signature ___________________________

Street address where you receive your statement (for bank required verification purposes)

Send your completed registration form to:
IFATS Executive Office, 45 Lyme Road, Suite 304, Hanover, NH 03755, USA
Fax: 1-603-643-1444 Questions? Tel: 1-603-643-2325 or E-mail: IFATSRegistrar@conmx.net

CANCELLATIONS: The IFATS Executive Office must receive written notice of your cancellation on or before November 1, 2017 to ensure a refund. No refunds will be given thereafter for any reason. There is a 25% administrative charge for all refunds. Please send an email to IFATSRegistrar@conmx.net to notify us that you are cancelling your registration.