



MSC2009 CLEVELAND

Regenerative Medicine and Adult Stem Cell Therapy

August 17 – 19, 2009

Cleveland Marriott Downtown at Key Center, Cleveland, Ohio

Conference Prospectus

Presented by: The National Center for Regenerative Medicine (NCRM), Case Western Reserve University (CWRU), the Center for Stem Cell and Regenerative Medicine (CSCRM), the Clinical Tissue Engineering Center (CTEC), the Skeletal Research Center, Cleveland Clinic (CC), and University Hospitals Case Medical Center (UHCMC).

Vision Statement:

The Regenerative Medicine and Adult Stem Cell Therapy Conference (MSC2009) will have platform and poster sessions emphasizing preclinical and clinical applications of adult-derived stem cells from a variety of human and animal tissues. **MSC2009** will offer a forum for the exchange and discussion of research, ideas, and cutting-edge breakthroughs in translational regenerative medicine.

Target Audience:

Innovators in the use of stem cells in regenerative medicine

The target audience is multi-fold: new and experienced investigators in the adult stem cell therapy field, students (graduate and post-doctoral), physicians, and commercial entities interested in therapeutic opportunities with these cell types. Junior investigators and students will be given a venue to present and discuss their research in poster sessions and invited presentations.

Conference Objectives:

MSC2009 will:

- Focus on the isolation, characterization, purity, plasticity and clinical uses of adult stem cells from a variety of human and animal tissues including bone marrow, fat, cord blood and matrix, placenta and amniotic fluid
- Emphasize state-of-the-art technologies and clinical utility of these cell preparations for tissue engineering and regenerative medicine
- Feature invited lectures from thought-leaders and provide platform sessions, poster sessions, and a venue for junior investigators and students to present and discuss their research

Conference Schedule:

Monday, August 17, 2009

12:00 p.m. Welcome to MSC 2009 by Stanton Gerson

Keynote speaker: Maria Siemionow (CCF) Face transplantation and stem cell immunology

1:15 p.m. Session I: Adult Multi-lineage Stem Cells

Speakers: Arnold Caplan (CWRU) and Bruno Peault (McGowan Institute)

3:00 – Break

3:15 p.m. – Session II: Pre-clinical Translational Models

Speakers: Michael Chopp (Oakland Univ) and Robert Miller (CWRU)

5:00-6:05 p.m. – Short Talk Presentations

6:00-9:00 p.m. – Poster Session with Heavy Hors D'oeuvres and Bar Service

Tuesday, August 18, 2009

7:30 a.m. – Breakfast

8:00 a.m. – Session III: Immunomodulation and Tolerance

Speaker: Alan Tyndall (Univ Basel) and Yair Reisner (Weizmann Institute)

10:00 a.m. – Break

10:15 a.m. – Session IV: Trophic Pathways

Keynote Speaker: Speakers: Darwin Prockop (Texas A&M) and Anthony Ting (Athersys)

12:15 p.m. – Lunch Discussion

1:30 p.m. – Session V: Tissue Engineering Therapies

Speakers: Anthony Atala (Wake Forest Univ) and Adam Katz (Univ Virginia)

3:30 p.m. – Break

3:45 p.m. – Session VI: Expression, Imaging and Homing

Speakers: Robert Sackstein (Harvard Univ), Marc Penn (CCF) and Frank Marini (M.D. Anderson Cancer Center)

6:30 p.m. – Poster Session

7:00 p.m. – Keynote Lecture by Senator Brown (invited) with Hors D'oeuvres and Bar Service

8:00 p.m. – Banquet Dinner

Wednesday, August 19, 2009

7:30 a.m. – Breakfast

8:00 a.m. – Session VII: Clinical Trials I

Keynote: Katarina LeBlanc (Karolinska Univ) Speaker: Randall Mills (Osiris)

10:00 a.m. – Break

10:15 a.m. – Session VIII: Clinical Trials II: Commercialization

Speaker: Kim Warren (Lonza), Greg Russotti (Celgene) and Eric Daniels (Cytori)

1:00 p.m. – Closing Remarks: Arnold Caplan,

Session IX: Commercializing MSC Therapy

Proudly sponsored by Invitrogen, part of Life Technologies, with boxed lunch provided

1:30 p.m. - Introduction from Dr. Mahendra Rao (Invitrogen)

1:45 p.m. - Regulatory update on MSC & Related Cell Types

Speaker Steven Bauer (FDA)

2:30 p.m. – Running an MSC Bank

Speaker: Darwin Prockop (Texas A&M)

3:15 p.m. – Break

3:30 p.m. – Xeno-free scalable culture of MSC

Speaker: Lucas Chase / Eric Roos (Invitrogen, part of Life Technologies)

4:15 p.m. – Company perspective on cell manufacture

Speaker: Robert Deans (Athersys)

5:00 p.m. – Different applications of MSCs – screening / therapeutic

Speaker: Knut Niss (Pfizer)

MSC2009 Conference Directors:

Arnold Caplan, Ph.D.; Robert Deans, Ph.D.; Stanton Gerson, M.D.; and Debra Grega, Ph.D.

The following is a list of invited Speakers and Session Chairs for MSC2009.

Additional speakers will be shown on the MSC2009 website,

www.msc2009.net/program.htm as the conference program is finalized.

Anthony Atala, M.D.

Professor, Chair, Department of Urology
Director, Institute for Regenerative Medicine
Wake Forest University Baptist Medical Center
Winston-Salem, North Carolina

Carla C. Baan, Ph.D.

Senior investigator and Head of the Laboratory
of Nephrology and Transplantation
Erasmus University
Rotterdam, The Netherlands

Arnold Caplan, Ph.D.

Director, Skeletal Research Center
Case Western Reserve University
Cleveland, Ohio

Michael Chopp, Ph.D.

Vice Chair, Department of Neurology
Henry Ford Hospital
Detroit, Michigan

Robert Deans, Ph.D.

Senior VP of Regenerative Medicine
Athersys, Inc
Cleveland, Ohio

Stanton Gerson, M.D.

Director, National Center for
Regenerative Medicine
University Hospitals Case Medical Center
Case Western Reserve University
Cleveland, Ohio

Adam J. Katz, M.D.

Associate Professor of Plastic Surgery
University of Virginia
Charlottesville, Virginia

Katarina Le Blanc, M.D.

Department of Clinical Immunology
Karolinska Institute
Stockholm, Sweden

Robert Miller, Ph.D.

Professor, Department of Neurosciences
Case Western Reserve University
Cleveland, Ohio

C. Randal Mills, Ph.D.

President and CEO
Osiris Therapeutics, Inc.
Baltimore, Maryland

George Muschler, M.D.

Director, Clinical Tissue Engineering Center
Department of Biomedical Engineering
Cleveland Clinic Lerner Research Institute
Cleveland, Ohio

Bruno Péault, Ph.D.

Professor in the Departments of Pediatrics and
Cell Biology
McGowan Institute for Regenerative Medicine
Pittsburgh, Pennsylvania

Marc Penn, M.D.

Director, Bakken Heart-Brain Institute
Cleveland Clinic
Cleveland, Ohio

Darwin Prockop, M.D., Ph.D.

Department of Molecular and Cellular Medicine
Texas A&M Health Science Center
Temple, Texas

Mahendra Rao, M.D., Ph.D.

Vice President, Regenerative Medicine
Invitrogen, Inc.
Carlsbad, California

Alan Tyndall, Ph.D.

Professor, Department of Rheumatology
University of Basel, Felix Platter Hospital
Basel, Switzerland



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Regenerative Medicine and Adult Stem Cell Therapy

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MSC2009 CONTRIBUTION SCHEDULE

\$50,000 Keynote Speaker and Sponsor (Exclusive)

- Company representative to speak at Monday Reception or Tuesday Banquet
- Prominently list your company as the *Keynote Reception Sponsor* or *Banquet Sponsor* on the cover of our brochure, which will be mailed to over 10,000 individuals worldwide (subject to mailing deadlines)
- Back cover advertisement in document binder (8½" x 11")
- Two (2) complimentary 6' X 30" tabletop exhibit spaces (may be combined for a single, 12' X 3' space)
- 50 word corporate description listing on the final program
- Corporate logo banner in session hall (3' X 8')
- Corporate logo on program
- Six (6) complimentary registrations to conference and all social events
- Two (2) time use of attendee labels for pre/post show mailings
- Corporate logo on all signage at the event
- Premium location of logo on MSC2009 website

\$35,000 Executive Sponsor of MSC2009 (Non-Exclusive)

- Prominently list your company as an *Executive Sponsor* on the cover of our brochure, which will be mailed to over 10,000 individuals worldwide (subject to mailing deadlines)
- Back cover advertisement in document binder (8½" x 11")
- Two (2) complimentary 6' X 30" tabletop exhibit spaces (may be combined for a single, 12' X 3' space)
- 50 word corporate description listing on the final program
- Corporate logo banner in session hall (3' X 8')
- Corporate logo on program
- Six (6) complimentary registrations to conference and all social events
- Two (2) time use of attendee labels for pre/post show mailings
- Corporate logo on all signage at the event
- Premium location of logo on MSC2009 website

\$25,000 Gold Corporate Sponsor of MSC2009 (Non-Exclusive)

- Prominently list your company as a *Gold Corporate Sponsor* on the cover of our brochure, which will be mailed to over 10,000 individuals worldwide (subject to mailing deadlines)
- 50 word corporate description listing on the final program
- One (1) complimentary full page (8½" x 11") advertisement in the program, which is distributed to all conference participants
- Corporate logo on program
- One (1) complimentary 6' X 30" tabletop exhibit space
- Four (4) complimentary registrations to conference and all social events
- Two (2) time use of attendee labels for pre/post show mailings
- Corporate logo on all signage at the event
- Corporate logo link on the MSC2009 website

\$15,000 Silver Corporate Sponsor of MSC2009 (Non-Exclusive)

- Prominently list your company as a *Silver Corporate Sponsor* on the cover of our brochure, which will be mailed to over 10,000 individuals worldwide (subject to mailing deadlines)
- One (1) complimentary full page (8½" x 11") advertisement in program, which is distributed to all conference participants
- Three (3) complimentary registrations to the conference and all social events
- One (1) complimentary 6' X 30" tabletop exhibit space
- Post conference attendee mailing list
- Corporate logo on signage at the event
- Corporate logo link on the MSC2009 website

\$7,500 Bronze Corporate Sponsor of MSC2009 (Non-Exclusive)

- One (1) shared full page (8½" x 11") advertisement with other *Bronze* level sponsors in program, which is distributed to all conference participants
- One (1) complimentary 6' X 30" tabletop exhibit space
- Two (2) complimentary registrations to the conference and all social events
- Corporate logo on signage at the event
- Corporate logo link on the MSC2009 website
- Post conference attendee mailing list

\$3,000 MSC2009 Non-Profit/Government Conference Exhibitor

- One (1) complimentary 6' X 30" tabletop exhibit space
- Two (2) Exhibit Hall registrations
- Corporate logo on signage at the event
- Corporate logo link on the conference website
- Post conference attendee mailing list

Additional Support Opportunities:

- **Additional "keynote" speaking (naming) opportunities** for 1) **Lunch Tuesday** or 2) **Lunch Wednesday** (cost for each est. \$11,400)
- **Breakfast Sponsor** (\$10,000 for continental breakfast)
- **Programs** (\$11,500 for 500 programs @ \$23)
- **500 CDs of full abstract details & programs** (\$11,500)
- **Tote bags** (\$12,500 for 500 @ \$25)

For further information and to activate your sponsorship today, please contact Debra Grega at 1-216-368-3614 or via email at sponsorship@mscconference.net.

Call for Abstracts:

The Regenerative Medicine and Adult Stem Cell Therapy Conference invites you to submit abstracts of original investigation for consideration in the Poster Session and Short Talk Podium Presentations.

*Abstract Categories include:

- Stem Cells from Bone Marrow
- Stem Cells from Adipose Tissue
- Stem Cells from Cord Blood/Placenta
- Trophic Pathways and Expression
- Tissue Engineering and Animal Models
- Induced Pluripotency
- Therapeutic Applications
- Clinical Trials

*Categories are subject to change.

Accepted abstracts will be published online (www.msc2009.net) as well as on a conference CD. Abstract titles and authors will be published in the MSC2009 Program.

Deadline:

Abstract submissions must be received **no later than July 15, 2009**. Submitters will be notified of acceptance or rejection in addition to selection for a platform presentation via e-mail by or before July 24, 2009.

Submission Instructions:

All abstracts must be submitted online in English at the MSC2009 website, www.msc2009.net, or by email to registration@mscconference.net. Individuals must be registered for the meeting in order to present a poster or a podium talk. If pre-approval of abstract acceptance is needed in order for registration to be allowed, please submit an abstract to registration@mscconference.net and MSC2009 Conference Directors will make a ruling within two weeks of receipt.

The **one page** abstract must be submitted as a PDF attachment using no smaller than an 11pt font size. There is no limit to the number of abstracts a presenter can submit.

Abstract must be named as follows: presenting author's last name.first word of title, excluding articles (i.e., JONES.STEM)

- Title of abstract (type in all capital letters)
- Presenting author's information
 - Name (last name, first name)
 - Highest degree
 - Institution/hospital
 - Department
 - Address, city, state, country, zip/postal code
 - Telephone
 - Fax
 - E-mail
- Other authors' information
 - Name (last name, first name) - list names in the order in which they are to appear
 - Highest degree
 - City, state, country

Abstract Style Instructions:

- Figures, graphs and simple tables are allowed
- Use of standard abbreviations is desirable; place unusual abbreviations in parentheses after first

use of the full term

For questions or additional information, please contact Carol Beck via email at registration@mscconference.net, or phone by calling 1-216-368-4928.

Abstract Policies:

1. Abstracts must be RECEIVED **no later than August 3, 2009**.
2. Abstracts must be submitted online.
3. There is no limit to the number of abstracts an investigator may submit.
4. If an error is found in an abstract submitted prior to August 3, 2009, an author may request, in writing, to withdraw this abstract. A new abstract may be submitted if received by the August 3, 2009 deadline. After the deadline, an author may not resubmit an abstract in order to make changes or corrections. The abstract may be withdrawn or, if accepted, the error may be indicated during the presentation. Proofread abstracts carefully to avoid errors before they are submitted.
5. Any human experimentation must conform with the principles of the Declaration of Helsinki of the World Medical Association (Clinical Research 1992 Dec; 40(4):653-60).
6. The Regenerative Medicine and Adult Stem Cell Therapy 2009 Program Committee endorses the position of the American Association for the Advancement for Science in requiring assurances of the responsible use of animals in research. All submissions for consideration must be in compliance with the guidelines. (American Association for the Advancement of Science Resolution on Use of Animals in Research, Testing, and Education. Adopted by the AAAS Board and Council February 19, 1990.)
7. If pre-approval of abstract acceptance is needed in order for registration to be allowed, please submit an abstract to registration@mscconference.net and MSC2009 Conference Directors will make a ruling within two weeks of receipt.

Presenting authors will be notified of acceptance by e-mail.

Poster Presentations:

If your abstract is accepted, your acceptance notice will indicate your poster assignment number. Each poster board measures 45" high (114.3 cm), and 69" wide (175.3 cm). You must provide a copy of the abstract, typed in large type for posting on the board. Illustrations must be readable from distances of at least three feet. Use lightweight poster board only; heavy board is difficult to secure. Push pins will be available on-site.

Podium Presentations:

A limited number of abstracts will also be selected for a Short Talk (7 min.) podium presentation. Presentations will be chosen by the Executive Committee and Session Chairs after all abstracts have been received (**July 26, 2009**) and will notify authors by **July 31, 2009** if they are selected. If your abstract is accepted and selected for a podium presentation, your acceptance notice will indicate instructions regarding the session and time allotted for your presentation.

Accommodations:

The Cleveland Marriott Downtown at Key Center is located at 127 Public Square, Cleveland, OH 44114. To make reservations, please contact the hotel by calling 1-440-542-2313, or toll free at 1-800-228-9290 in the USA and Canada (or any of their worldwide reservation telephone numbers), or online through our MSC2009 website (<http://www.msc2009.net/accommodations.htm>).

Airport Transportation:

Arriving at the Cleveland Hopkins Airport, taxi, shuttle service provided by Ohio Connection (requires advance reservation by calling, 1-216-299-6966), or Rapid Transit are the most effective means of transportation to the Cleveland Marriott Downtown at Key Center.





August 17-19, 2009
 Marriott Downtown at Key Center
 Cleveland, Ohio
www.msc2009.net

MSC2009 GRANTOR/EXHIBITOR INFORMATION FORM

Company Name:

Headquarters Address:

Headquarters Phone No.:

District Manager:

Federal Tax I.D. No.:

District Manager Phone No.:

FEES:

Grantor and Exhibitor Levels: Contribution benefit details begin on next page

\$50,000 – Keynote

\$25,000 – Gold

\$7,500 – Bronze

\$35,000 – Executive

\$15,000 – Silver

\$3,000 – Non-Profit

REPRESENTATIVE(S) ATTENDING EXHIBIT: (Please also fill out a registration form for each)

Name:

Address:

Phone:

Fax:

Email:

EXHIBIT SET-UP INFORMATION SHOULD BE SENT TO:

Name:

Address:

Telephone:

Fax:

Email:

EXHIBIT SPACE: (2) TWO 6' x 30" table for Keynote & Executive; (1) ONE 6' x 30" table for other Level sponsors.

Do you need electricity? No Yes **If yes, total voltage:** **total amps:**
Electricity will be used for:

MATERIAL TO BE DISPLAYED:

Please return in the enclosed addressed envelope with your **check made payable to:**

Case Western Reserve University (Tax ID 34-1018992)

Mail to:

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