

An MSC Colloquium | Roadmap to Translation

Join us for a candid, provocative discussion of the hurdles faced in advancing MSCs toward therapeutic application and an exploration of the remarkable contributions of this field of inquiry to a holistic appreciation of the clinical potential of stem cell science.

Come prepared to challenge - and be challenged. Whether skeptic or advocate, our shared scientific impetus is to engineer stem cells toward disease solutions. Come and lend your voice to this timely discussion.

TUESDAY, MARCH 29, 2016 | 8:00 a.m. to 6:00 p.m.
DANA-FARBER CANCER INSTITUTE | SMITH ROOM 308/309 | 450 BROOKLINE AVENUE | BOSTON, MA

A.M. Session: Hurdles and what we've learned

8:00-9:00	BREAKFAST and REGISTRATION
9:00-9:05	WELCOME AND OVERVIEW: Brock Reeve [Harvard Stem Cell Institute]
9:05 - 9:30	KEYNOTE: Jacques Galipeau [Emory University] "The MSC conundrum of unmet translational expectations-analysis and potential fixes"
9:30	LESSONS FROM CLINICAL TRIALS - SUCCESSES, FAILURES AND EVERYTHING IN BETWEEN Moderator: Khalid Shah Robert Brenner [Allocure] "Bone Marrow Derived Mesenchymal Stem Cells for Acute Kidney Injury: A Drug Development Perspective" Robert Deans [Rubius] "Translational Experience using Adult Progenitor Cells for Acute Inflammation and Transplant" Daniel Devine [Mesoblast] Katarina LeBlanc [Karolinska Institutet] "Bringing Mesenchymal Stem Cells into the Clinic" Antonio Uccelli [University of Genoa]
10:45	BREAK
11:00	ROUNDTABLE: CHALLENGING THE PREMISE OF THE TRIALS Moderator: Brock Reeve Amelia Bartholomew [University of Illinois] Arnold Caplan [Case Western Reserve]
Noon - 1:30	LUNCH

P.M. Session: Looking ahead

1:30	TECHNOLOGY TO CREATE THE NEXT GENERATION OF MSCs Moderator: Reza Abdi Jan Nolta [University of California/Davis] "MSC's Engineered to Deliver Factors for Tissue Repair" Khalid Shah [Massachusetts General Hospital] "Engineered and Encapsulated Stem Cells for Cancer Therapy" Jeffrey Karp [Brigham and Women's Hospital and MIT] "Toward control of MSCs post-transplantation" Kelvin Ng [MIT] "Minions of MSC therapy: When extracellular vesicles do the work"
2:30	ROUNDTABLE: CHALLENGING THE PREMISE OF THE TECHNOLOGY Moderator: Brock Reeve Jerome Ritz [DFCI] Chad Cowan [Harvard University] Guangwen (Gary) Ren [Princeton University]
3:15	BREAK
3:30	MSCs IN ORGAN TRANSPLANTATION: POINT/COUNTERPOINT Moderator: Oren Levy Norma Kenyon [University of Miami] Douglas Melton [Harvard University] Reza Abdi [Brigham and Women's Hospital]
4:15	CONCLUSIONS POTENTIAL GAME CHANGERS David Scadden [Massachusetts General Hospital and Harvard University]
4:45-6:00	RECEPTION