Mission statement: The goal of this RIG is to bring scientists and clinicians, who are interested in stem cell therapy and osteogenesis, together to discuss reality versus hype of stem cells utility and future research directions.

**Agenda for Friday, March 9th, 2018; 6 PM to 8 PM, Hyatt Regency New Orleans, Celestin A-C (level 3)**

**Session I: Presentations, 6:00 PM to 7:30 PM, moderator: Abhijit Dighe and Lynne Jones**

- 5:45 PM to 6:00 PM: Assembly in the room, sign up, and food and drinks.
- 6:00 PM to 6:15 PM: Quanjun (Trey) Cui, “Stem cell therapy for bone repair: clinical perspective”.
- 6:15 PM to 6:30 PM: Stuart Goodman, “MSCs and Bone”.
- 6:30 PM to 6:45 PM: Abhijit S. Dighe, “Allogeneic mesenchymal stem cells (MSCs) for bone regeneration”.
- 6:45 PM to 7:00 PM: Philippe Hernigou, “Stem cell therapy in patients with history of cancer”.
- 7:00 PM to 7:15 PM: Stefan Zwingenberger, “European Regulatory Issues Related to Stem Cells Based Products for Bone Regeneration”.
- 7:15 PM to 7:30 PM: Lynne C. Jones, “Summary and Conclusions”.

**Session II: Open discussion, 7:30 PM to 8:00 PM. Moderators: Stuart Goodman, Lynne Jones and Quanjun (Trey) Cui.**

- Goals for next 5 years: (1). To create an electronic platform to facilitate communication between the registered members, (2). To prepare a database of all the laboratories conducting research on utilization of MSCs for bone repair, (3). To prepare a comprehensive but easy to understand review of output of clinical trials carried out on MSCs therapy for bone regeneration to create awareness in general public for readiness of MSCs therapy, and (4). To create database of all the MSCs-based commercial products available in the market and to survey their efficiencies and efficacies.
- RIG seeks volunteers to formulate 4 committees to steer the efforts mentioned in the previous paragraph.
- Speakers for next year: US FDA, NIH, leading experts in MSCs, industries.
- Guidelines and future research directions: Purity of primary MSCs and use of cell lines, ISCT definition, selection of osteogenic MSCs, signaling pathways, pre-treatment, allogeneic MSCs and plan for sharing knowledge and resources.

THANK YOU!