



## **2012 Chicago Orthobiologics & Cell Regeneration Summit (CORS)**

**Focus On: Advances, Techniques, Applications in Orthopedics and Spine**

**Saturday, June 23, 2012**

**National Association of Spine Surgeons**

**7075 Veterans Boulevard, Burr Ridge, Illinois**

**As of 1.19.2012**

*\*Preliminary agenda – topics/speakers may be subject to change*

The Chicago Orthobiologics & Cell Regeneration Summit (CORS) is designed to provide education on fundamentals and developments in the rapidly evolving Orthobiologics and Cell Regeneration arena. CORS will address techniques, innovations, and clinical results in orthopedics and spine. The Summit provides a new generation of orthobiologics forum by combining the two disciplines -- staying true to the fundamentals of orthobiologics by presenting science from its originating source -- spine, while creating opportunities for cross-learning with applications in orthopedics. CORS will provide scientific lectures and exploratory discussion in both areas, specifically in healing, trauma and reconstruction.

### **AGENDA**

#### **Morning Session**

7:30 – 8:00am Registration and refreshments

8:00 – 8:15am Welcome and Overview – Chairs Dr. Edgardo Rodriguez, Dr. James Wang, Dr. Stephanie Wu

8:15 – 8:25am CLESF Presentation – Ramiro J. Atristain, President, Board of Directors

#### **Orthobiologics Panel**

- Introduction and overview
- Principles of fracture healing
- Applications and indications in orthopedics and spine
- Regulatory and cost issues of biologics
- Clinical evidence – now and the future

#### **Healing Panel**

- Advances in wound healing : sprays, membranes and biologics coverings
- Soft tissue scaffoldings
- When is bone grafting and bone modulation necessary?
- Callous distraction and angiogenesis

- Bone growth stimulation: Pempis (pulse) vs. ultrasound, spine stimulation

### **Synthetics Panel**

- Synthetics products overview
- How synthetics work
- Ceramics and composite grafting
- Clinical evidence of synthetics in spine fusion

### **Allograft/DBM Panel**

- Application of demineralized bone matrix
- What are the facts? Available data on allograft and DBM

### **Stem Cell Technology Panel**

- Stem cell technology – autologous – challenges in the immuno and vascular compromised patient
- Stem cell technology – autologous – harvesting sites, concentration and aspiration techniques
- Allograft stem cell

### **Course Adjourn**