

5 February (Wednesday)

- 12:30 - 18:15 **Biologics Alliance Think Tank (upon invitation only)**
Judge/Shark: Bruder Scott (US) Judge/Shark: Higgins Larry (US) Judge/Shark: Pachuda Nicholas (US) Reporter/Analyst: French Kim (US) Reporter/Analyst: O'Reilly Sharon (US) Reporter/Analyst: Duffey Patrick (US) Reporter/Analyst: Young Robin (US) Judge/Shark: Shen Christopher (US)
- 12:30 - 14:00 **Session 1**
Moderator: Farr Jack (US)
12:30 - 13:00 **TBD**
13:00 - 13:30 **Organogenesis**
13:30 - 14:00 **Samumed**
- 14:00 - 14:30 **Break**
- 14:30 - 16:00 **Session 2**
Moderator: Farr Jack (US)
14:30 - 15:00 **Lipogems**
15:00 - 15:30 **Orthopedic Stem Cell Research Lab, Regenerative Medicine Institute, Cedars-Sinai**
Sheyn Dmitriy (US)
15:30 - 16:00 **Regenacell Therapy**
- 16:00 - 16:30 **Break**
- 16:30 - 18:00 **Session 3**
Moderator: Farr Jack (US)
16:30 - 17:00 **Keck School of Medicine of USC: Evaluation of Engraftable Human Pluripotent Stem Cell-Derived Chondrocytes in a Long-Term Preclinical Pig Model of Focal Cartilage Injury**
Evseenko Denis (US)
17:00 - 17:30 **Bioventus: Preclinical Characterization and Clinical Development Plans for PTP-001, a Novel Human Tissue Biologic in Development For The Treatment of Osteoarthritis.**
Pavesio Alessandra (US)
17:30 - 18:00 **BioRez**
- 18:10 - 18:15 **Closing**
Presenter: Farr Jack (US) Presenter: Mandelbaum Bert (US) Presenter: Dragoo Jason (US)
- 19:00 - 21:00 **Ice Breaker - Welcome Cocktail**

6 February (Thursday)

- 7:00 - 18:00 **Registration Biologics Alliance Summit**

7:30 - 9:30	Module 1 - Biologics: What is Currently Available? Moderator: Frank Rachel (US)
07:30 - 07:45	1.1 Platelet Rich Plasma
07:45 - 08:00	1.2 Bone Marrow Concentrate PiuZZi Nicolas (US)
08:00 - 08:15	1.3 Adipose Cellular Therapy Dragoo Jason (US)
08:15 - 08:30	1.4 Amniotic Cellular Therapy Yanke Adam (US)
08:30 - 08:45	1.5 Short and Long Acting Cortisone: Are they Still Current? Sherman Seth (US)
08:45 - 09:00	1.6 Viscosupplementation Jones Kristofer (US)
09:00 - 09:30	Questions & Answers / Discussion
9:30 - 10:00	Coffee Break
10:00 - 12:00	Module 2 - Regulatory Process and Ethical Implications Moderator: Murray Iain (UK) Moderator: Vangsness, Jr. C. Thomas (US)
10:00 - 10:15	2.1 Overview of Regulatory Process Anz Adam (US)
10:15 - 10:30	2.2 Nomenclature Challenges Murray Iain (UK)
10:30 - 10:45	2.3 Rogue Stem Cell Clinics and Complications Muschler George (US)
10:45 - 11:00	2.4 Implications of Off-Label Promotion to Your Practice and Reputation: Staying Out of Trouble Bruder Scott (US)
11:00 - 11:15	2.5 Expansion and Culture: What Does This Mean and Why Can't We Do It? Leucht Philipp (US)
11:15 - 12:00	Questions & Answers / Discussion
12:00 - 13:00	Lunch Break
13:00 - 15:00	Module 3 - Clinical Applications Moderator: Sherman Seth (US) Moderator: Minas Tom (US)
13:00 - 13:15	3.1 Tendonitis (LE, Patellar, Achilles) Dragoo Jason (US)
13:15 - 13:30	3.2 Osteoarthritis Chu Constance (US)
13:30 - 13:45	3.3 Tendon Tears (Hamstring, Elbow UCL) Tokish John (US)
13:45 - 14:00	3.4 Augmentation to Surgery - ACLR Mandelbaum Bert (US)
14:00 - 15:00	3.5 Augmentation to Surgery - Rotator Cuff Frank Rachel (US)
14:15 - 15:00	Questions & Answers / Discussion
15:00 - 15:30	Coffee Break

- 15:30 - 17:15 **Module 4 - Office Logistics and Billing**
Moderator: Dragoo Jason (US) Moderator: Zaslav Kenneth (US)
- 15:30 - 15:45 **4.1 PRP in the Office - How I Do it & How I Bill**
Cole Brian (US)
- 15:45 - 16:00 **4.2 BMC in the Office - How I Do it & How I Bill**
Saris Daniel BF (US)
- 16:00 - 16:15 **4.3 Adipose in the Office - How I Do it & How I Bill**
Halbrecht Joanne (US)
- 16:15 - 16:30 **4.4 BMC in the OR - How I Do it and How I Bill**
Gomoll Andreas (US)
- 16:45 - 17:00 **4.5 Adipose in the OR - How I Do it and How I Bill**
Dragoo Jason (US)
- 17:00 - 17:15 **4.6 HA/Extended Release Steroid**
McIntyre Louis F. (US)
- 17:15 - 17:30 **Questions & Answers / Discussion**
- 17:15 - 18:00 **Module 5 - The Biologics Alliance**
Moderator: Dragoo Jason (US) Moderator: Mandelbaum Bert (US)
- 17:15 - 18:00 **5.1 BA Website Presentation**
Yanke Adam (US)
- 17:30 - 17:45 **5.2 The Importance of the Biologic Alliance**
Maloney William (US)
- 17:45 - 18:00 **5.3 Summary of the Think Tank**
Farr Jack (US)
- 19:30 - 22:00 **Faculty/Course Dinner**

7 February (Friday)

- 7:00 - 12:00 **Registration Biologics Alliance Summit**
- 7:30 - 9:30 **Module 6 - Case Based Presentations**
Moderator: Frank Rachel (US) Moderator: Sherman Seth (US)
- 07:30 - 07:45 **6.1 Current Landscape in Orthobiologics**
Dragoo Jason (US)
- 07:45 - 08:00 **6.2 The Future of Orthobiologics**
Mandelbaum Bert (US)
- 08:00 - 08:20 **6.3 Orthobiologics in Multiple Joints**
- 08:20 - 08:40 **6.4 Orthobiologics in Athletes**
ElAttrache Neal (US)
- 08:40 - 09:00 **6.5 Orthobiologics in Cartilage**
Gobbi Alberto (IT) Zaslav Kenneth (US)
- 09:00 - 09:20 **6.6 Orthobiologics in Bone**
Anz Adam (US)
- 09:20 - 09:30 **Questions & Answers / Discussion**
- 9:30 - 9:40 **Break / Exhibition**
- 9:40 - **BA Summit Adjourns - Start of ISMF Conference**