



May 7, 2025 | Washington, D.C.

*This agenda, including topics and faculty, is subject to change.  
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## Optimizing Patient Outcomes: A Collaborative Approach to Orthobiologics

**WEDNESDAY, MAY 7, 2025**

**Registration 6:30-7 a.m.**

<b>Opening</b> <b>7-7:15 a.m.</b> <b>Program Chairs:</b> Ariana M. DeMers, D.O., Oluseun (Alfy) Olufade, M.D.		
7-7:06 a.m.	Welcome and Opening Remarks	<b>Program Chairs:</b> Ariana M. DeMers, D.O., Oluseun (Alfy) Olufade, M.D.
7:07-7:15 a.m.	Biologic Association Update: 2024-2025 in Review	Shane A. Shapiro, M.D.

<b>Optimization Part A: Patient Lifestyles</b> <b>7:16-8:04 a.m.</b> <b>Moderator(s):</b> Don A. Buford, M.D., Jordanna Quinn, D.O.		
7:16-7:17 a.m.	Introduction	<b>Moderator(s):</b> Don A. Buford, M.D. Jordanna Quinn, D.O.
7:17-7:25 a.m.	Pre-Injection Optimization: PRP	Reza Jazayeri, M.D.
7:25-7:33 a.m.	Pre-Injection Optimization for Cell Therapy	Kristin Oliver, M.D., M.P.H.
7:33-7:41 a.m.	Understanding the Systemic Nature of Musculoskeletal Injuries and Degeneration	Allan Mishra, M.D.
7:41-7:49 a.m.	Microbiome Lecture	Tommaso Bonanzinga, M.D.
7:49-7:57 a.m.	How to Integrate Multiple Therapies for the Best Outcomes: Holistic Orthopaedics	Joshua Schacter, D.O.
7:57-8:04 a.m.	Discussion	<b>Moderator(s):</b> Don A. Buford, M.D. Jordanna Quinn, D.O.

<b>Optimization Part B: PRP</b> <b>8:05-8:44 a.m.</b> <b>Moderator(s):</b> Don A. Buford, M.D., Jordana Quinn,		
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D.O.		
8:05-8:06 a.m.	Introduction	<b>Moderator(s):</b> Don A. Buford, M.D. Jordana Quinn, D.O.
8:06-8:14 a.m.	Dosing Implications and Outcomes for Knee Osteoarthritis	Himanshu Bansal, M.D.
8:14-8:22 a.m.	Dosing Implication and Outcomes for Musculoskeletal Injuries	William A. Berrigan, M.D., R.M.S.K.
8:22-8:30 a.m.	Platelet Poor Plasma (PPP) in the Treatment in the Muscle	Ryan C. Kruse, M.D.
8:30-8:38 a.m.	Return to Play with Orthobiologics	Oluseun (Alfy) Olufade, M.D.
8:38-8:44 a.m.	Discussion	<b>Moderator(s):</b> Don A. Buford, M.D. Jordana Quinn, D.O.

<b>Expected Competencies</b>		
<b>8:45-10 a.m.</b>		
<b>Moderator(s):</b> Walter Sussman, D.O., Sanjeev Bhatia, M.D.		
8:45-8:46 a.m.	Introduction	<b>Moderator(s):</b> Walter I. Sussman, D.O. Sanjeev Bhatia, M.D.
8:46-9:06 a.m.	Keynote Address: FDA Update and Regulations: Where Do Things Stand?	Peter Marks, M.D., Ph.D.
9:06-9:11 a.m.	Keynote Question and Answer	<b>Moderators:</b> Walter I. Sussman, D.O. Sanjeev Bhatia, M.D.
9:11-9:24 a.m.	State of the Union from a Patient Communication Standpoint	Scott Bruder, M.D., Ph.D.
9:24-9:32 a.m.	Ultrasound Curriculum Update	Don A. Buford, M.D.
9:32-9:40 a.m.	Standardization for Orthobiologic Curriculum from a Teaching Perspective	Michael J. Auriemma, M.D.
9:40-9:48 a.m.	Orthobiologics Toolkit for Orthopaedics: Nascent Concepts	Lauren K. Poindexter, M.D.
9:48-9:56 a.m.	International Advances in Point of Care Ultrasound	Kevin Bergman, M.D.
9:56-10 a.m.	Discussion	<b>Moderator(s):</b> Walter I. Sussman, D.O. Sanjeev Bhatia, M.D.

**10-10:30 a.m. Break in Exhibit Hall**

<p><b>The Crossroads Conundrum: Best Practices in Surgical and Non-Surgical Treatments of the Neck and Shoulder</b></p> <p><b>10:35-11:14 a.m.</b></p> <p><b>Moderator(s):</b> Annu Navani, M.D., Rowan V. Paul, M.D.</p>
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10:35-10:36 a.m.	Introduction	<b>Moderator(s):</b> Annu Navani, M.D. Rowan V. Paul, M.D.
10:36-10:44 a.m.	Anatomy Brachial Plexus/Scapular Winging	Phillip Steele, M.D.
10:44-10:52 a.m.	Masqueraders	Jaspal Ricky Singh, M.D.
10:52-11 a.m.	Management: Injection-Based Therapy (Epidural Injections vs Facet Injections vs. Shoulder Injections)	Sairim B. Atluri, M.D.
11-11:08 a.m.	Management: Surgical vs. Non-Surgical (RC vs. ACDF)	Mike G. Gottschalk, M.D.
11:08-11:14 a.m.	Discussion	<b>Moderator(s):</b> Annu Navani, M.D. Rowan V. Paul, M.D.

**The Crossroads Conundrum: Best Practices in Surgical and Non-Surgical Treatments of the Hip and Back**

**11:15-Noon**

**Moderator(s):** Mary Ambach, M.D., Andrea M. Spiker, M.D.

11:15-11:16 a.m.	Introduction	<b>Moderator(s):</b> Mary A. Ambach, M.D. Andrea M. Spiker, M.D.
11:16-11:24 a.m.	Anatomy	Alberto Panero, D.O.
11:24-11:32 a.m.	Masqueraders	Marin Jerome, M.D.
11:32-11:40 a.m.	Management: Injection-Based Therapy	Jane Fitzpatrick, M.D., Ph.D., M.B.A.
11:40-11:48 a.m.	Management: Surgical vs. Non-Surgical	
11:48 a.m.-Noon	Discussion	<b>Moderator(s):</b> Mary A. Ambach, M.D. Andrea M. Spiker, M.D.

**Noon-1 p.m. Lunch Break (Exhibit Hall)**

**Biologic Association Award and Presidential Line Announcement**

**1-1:10 p.m.**

1-1:05 p.m.	Presidential Line Announcement	Scott A. Rodeo, M.D.
1:05-1:09 p.m.	Biologic Association Award	

**Research: Pearls for Clinical Practice**

**1:10-2:09 p.m.**

**Moderator(s):** Scott A. Rodeo, M.D., Daniel A. Grande, Ph.D.

1:10-1:11 p.m.	Introduction	<b>Moderator(s):</b> Scott A. Rodeo, M.D. Daniel A. Grande, Ph.D.
1:11-1:15 p.m.	The Top Five Impactful Research Papers During the Past 12 Months	Don A. Buford, M.D.
1:15-1:20 p.m.	<i>Paper title TBD</i>	Don A. Buford, M.D.
1:20-1:25 p.m.	<i>Paper title TBD</i>	Don A. Buford, M.D.
1:25-1:30 p.m.	<i>Paper title TBD</i>	Don A. Buford, M.D.
1:30-1:35 p.m.	<i>Paper title TBD</i>	Don A. Buford, M.D.
1:35-1:40 p.m.	<i>Paper title TBD</i>	Don A. Buford, M.D.
1:40-1:48 p.m.	Have We Arrived at the Final Frontier of Stem Cell Use?	
1:48-1:56 p.m.	Embryonic Stem Cells	
1:56-2:04 p.m.	Are Stem Cells Ready for Prime Time?	Peter Evrets, Ph.D. F.R.S.M.
2:04-2:12 p.m.	Update on the BARB Study	Jason L. Dragoo, M.D.
2:12-2:19 p.m.	Discussion	<b>Moderator(s):</b> Scott A. Rodeo, M.D. Daniel A. Grande, Ph.D.

### Case-Based Controversies

**2:20-3:34 p.m.**

**Moderator(s):** Seth L. Sherman, M.D., Ken Mautner, M.D.

2:20-2:21 p.m.	Introduction	<b>Moderator(s):</b> Seth L. Sherman, M.D. Ken Mautner, M.D.
2:21-2:27 p.m.	IO - Intraosseous is the Way	Luga Padesto, M.D.
2:27-2:33 p.m.	IO - All We Need is Intraarticular	Michael J. Kadavi, M.D., R.S.M.K.
2:33-2:39 p.m.	Meniscus - Degenerative Horizontal Tear: What Do You Do	Elizaveta Kon, M.D.
2:39-2:45 p.m.	Meniscus - Partial Root Tears in the Elderly Female	Brian J. Cole, M.D., M.B.A.
2:45-2:51 p.m.	Rotator Cuff - Partial Thickness Tears Should Get Injections	Prathap Jayaram, M.D.
2:51-2:57 p.m.	Rotator Cuff - Repairs Require Orthobiologic Augmentation	Yaw Boachie Adjie, M.D.
2:57-3:03 p.m.	Nerve Conditions - All Carpal Tunnels Need Intra-neural PRP	Stanley Lam, M.D.
3:03-3:09 p.m.	Nerve Conditions - When Post-Heel Pain is NOT Plantar Fasciitis	Phillip Steele, M.D.
3:09-3:15 p.m.	Complications - Predicting, Identifying and Managing the Unexpected	John Ferrell III, M.D.
3:15-3:21 p.m.	Complications - Challenges After Adipose Lipoaspirate	Christopher Williams, M.D.
3:21-3:34 p.m.	Discussion	<b>Moderator(s):</b> Seth L. Sherman, M.D. Ken Mautner, M.D.

3:35-4:05p.m. Break (Exhibit Hall)

**What's the Next Step When PRP is Not Enough?  
Cellular-Based Therapy**

**4:05-4:44 p.m.**

**Moderator(s):** John Ferrell III, M.D., Kenneth Zaslav, M.D.

4:05-4:06	Update on MFAT	<b>Moderator(s):</b> John Ferrell II, M.D., Kenneth Zaslav, M.D.
4:06-4:14 p.m.	Update on BMAC	Kristin Oliver, M.D., M.P.H.
4:14-4:22 p.m.	Lipoaspirate in Soft-Tissue Injuries	
4:22-4:30 p.m.	Extra Cellular Vesicles for Knee Osteoarthritis	
4:30-4:38 p.m.	Embryonic Stem Cells	
4:38-4:44 p.m.	Discussion	<b>Moderator(s):</b> John Ferrell II, M.D., Kenneth Zaslav, M.D.

**Bringing It Home**

**4:45-5 p.m.**

4:45-5 p.m.	The Cliff Notes: If You Miss Anything, Don't Let It Be This Talk!	Rowan V. Paul, M.D.
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**Closing Comments and Adjournment**

**5 p.m.**

**Program Chairs:** Ariana M. DeMers, D.O., Oluseun (Alfy) Olufade, M.D.

5-7 p.m. Happy Hour in Exhibit Hall

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