



2025 BIOLOGIC ASSOCIATION SUMMIT

May 7, 2025 | Washington, D.C.

*This agenda, including topics and faculty, is subject to change.
For the most updated agenda please visit: aana.org/BASummit*

Optimizing Patient Outcomes: A Collaborative Approach to Orthobiologics Let's Move the Needle TOGETHER!

WEDNESDAY, MAY 7, 2025

Registration 6:30-7 a.m.

Opening 7-7:15 a.m.		
Program Chairs: Ariana M. DeMers, D.O., Oluseun (Alfy) Olufade, M.D.		
7-7:06 a.m.	Welcome and Opening Remarks	Program Chairs: 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.

Optimization Part A: Patient Lifestyles 7:16-8:04 a.m.		
Moderator(s): Don A. Buford, M.D., Jordanna Quinn, D.O.		
7:16-7:17 a.m.	Introduction	Moderator(s): Don A. Buford, M.D. Jordanna Quinn, D.O.
7:17-7:25 a.m.	Amino Acids- The Missing Link?	Reza Jazayeri, M.D.
7:25-7:33 a.m.	Pre-Injection Optimization for Cell Therapy	Jordanna Quinn, D.O.
7:33-7:41 a.m.	The Systemic Nature of Musculoskeletal Health and Performance	Allan Mishra, M.D.
7:41-7:49 a.m.	The Impact of the Gut Microbiome on Joint Health	Tommaso Bonanzinga, M.D.
7:49-7:57 a.m.	Preparing the Soil: Optimizing Patient Metabolism Before Orthobiologic Therapies	Guilherme Moury Fernandes, M.D.
7:57-8:04 a.m.	Discussion	Moderator(s): Don A. Buford, M.D. Jordanna Quinn, D.O.

Optimization Part B: PRP 8:05-8:44 a.m. Moderator(s): Don A. Buford, M.D., Jordana Quinn, D.O.		
8:05-8:06 a.m.	Introduction	Moderator(s): Don A. Buford, M.D. Jordana Quinn, D.O.
8:06-8:14 a.m.	Dosing Implications and Outcomes for Knee Osteoarthritis	Albert Panero, D.O.
8:14-8:22 a.m.	Dosing Implication and Outcomes for Soft Tissue Injuries	William A. Berrigan, M.D., R.M.S.K.
8:22-8:30 a.m.	Platelet Poor Plasma (PPP) in the Treatment of Muscle Injury	Ryan C. Kruse, M.D.
8:30-8:38 a.m.	Rehabilitation and Return to Activity After Orthobiologic Treatments	Oluseun (Alfy) Olufade, M.D.
8:38-8:44 a.m.	Discussion	Moderator(s): Don A. Buford, M.D. Jordana Quinn, D.O.

Orthobiologics... State of the Union 8:45-10 a.m. Moderator(s): Walter Sussman, D.O., Jason L. Dragoo, M.D.		
8:45-8:46 a.m.	Introduction	Moderator(s): Walter I. Sussman, D.O. Jason L. Dragoo, 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	Moderators: Walter I. Sussman, D.O. Jason L. Dragoo, M.D.
9:11-9:24 a.m.	State of the Union For Direct to Patient Communication	Scott Bruder, M.D., Ph.D.
9:24-9:32 a.m.	Ultrasound Certification Update: The Next Requirement in Orthobiologics?	Don A. Buford, M.D.
9:32-9:40 a.m.	Standardization for Orthobiologic Curriculum for Training Programs: The Grassroots Approach	Joanne Borg-Stein, 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- Lessons in Advancing Ultrasound Adoption	Kevin Bergman, M.D.
9:56-10 a.m.	Discussion	Moderator(s): Walter I. Sussman, D.O. Jason L. Dragoo, M.D.

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

The Crossroads Conundrum: Shoulder Pain is not Always Shoulder Pain! 10:35-11:14 a.m. Moderator(s): Annu Navani, M.D., Rowan V. Paul, M.D.		
10:35-10:36 a.m.	Introduction	Moderator(s): Annu Navani, M.D. Rowan V. Paul, M.D.
10:36-10:41 a.m.	A Global Perspective on Clinical Collaboration with Orthobiologics of the Neck and Shoulder	Annu Navani, M.D.
10:41-10:48 a.m.	Using Ultrasound to Differentiate Drivers of Neck and Shoulder Pain in Real-Time	Christopher J. Visco, M.D., R.M.S.K.
10:48-10:54 a.m.	Masqueraders of Shoulder Pain	Jaspal Ricky Singh, M.D.
10:54-11:02 a.m.	Orthobiologic Injection-Based Therapy for Neck and Shoulder Pain: Top Five Treatments	Don A. Buford, M.D.
11:02-11:10 a.m.	Orthobiologics Integration for Surgical Management of Neck and Shoulder Pain	Michael G. Gottschalk, M.D.
11:10-11:14 a.m.	Discussion	Moderator(s): 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	Moderator(s): Mary A. Ambach, M.D. Andrea M. Spiker, M.D.
11:16-11:24 a.m.	Orthobiologics in Hip and SI Joint Pain	Mary A. Ambach, M.D.
11:24-11:32 a.m.	Masqueraders of Hip Pain	Marin Jerome, M.D.
11:32-11:40 a.m.	Is Injection-Based Therapy for Hip Tendinopathy a Home Run?	Jane Fitzpatrick, M.D., Ph.D., M.B.A.
11:40-11:48 a.m.	Orthobiologics for Surgical Augmentation and Non-Surgical Treatment for Hip Pain: Treatment Continuum	Mary A. Ambach, M.D. Andrea M. Spiker, M.D.
11:48 a.m.-Noon	Discussion	Moderator(s): 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	Brian J. Cole, M.D., M.B.A.

Research: Pearls for Clinical Practice

1:10-2:19 p.m.

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

1:10-1:11 p.m.	Introduction	Moderator(s): Scott A. Rodeo, M.D. Daniel A. Grande, Ph.D.
1:11-1:15 p.m.	Secrets to Staying Current on Orthobiologic Research	Don A. Buford, M.D.
1:15-1:20 p.m.	<i>The PRP Paper that has Most Influenced My Practice and Why</i>	Scott A. Rodeo, M.D.
1:20-1:25 p.m.	<i>Which BMC Papers have Influenced My Practice the Most and Why</i>	Christian Lattermann, M.D.
1:25-1:30 p.m.	<i>The Adipose Paper that has Most Influenced My Practice and Why</i>	Walter Sussman, D.O.
1:30-1:35 p.m.	<i>The Birth Product Paper that has Most Influenced My Practice and Why</i>	Jason L. Dragoo, M.D.
1:35-1:40 p.m.	<i>The Energy Medicine Paper That has Most Influenced My Practice and Why</i>	Ariana DeMers D.O.
1:40-1:48 p.m.	Have We Arrived at the Final Frontier of Stem Cell Use?	Christopher J. Rogers, M.D.
1:48-1:56 p.m.	Exosomes: Where Are We Now?	Daniel A. Grande, Ph.D.
1:56-2:04 p.m.	Are Stem Cells Ready for Prime Time?	Peter Everts, Ph.D. F.R.S.M.
2:04-2:12 p.m.	Update on the BARB Study: Responders vs. Non-Responders	John M. Tokish, M.D.
2:12-2:19 p.m.	Discussion	Moderator(s): 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	Moderator(s): Seth L. Sherman, M.D. Ken Mautner, M.D.
2:21-2:27 p.m.	IO - Intraosseous is the Way	Luga Podesta, 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 - Meniscal Root Tears in the Face of Osteoarthritis	Brian J. Cole, M.D., M.B.A.
2:45-2:51 p.m.	Rotator Cuff - Partial Thickness Tears Should Get	Prathap Jayaram, M.D.

	Injections	
2:51-2:57 p.m.	Rotator Cuff - Repairs Require Orthobiologic Augmentation	August D. Mazzocca, M.D.
2:57-3:03 p.m.	Alternatives to Standard Carpal Tunnel Surgery	Michael G. Gottschalk, M.D.
3:03-3:09 p.m.	Nerve Conditions - When Post-Heel Pain is NOT Plantar Fasciitis	Wes D. Troyer, D.O.
3:09-3:15 p.m.	Complications - Predicting, Identifying and Managing the Unexpected	John L. Ferrell III, M.D.
3:15-3:21 p.m.	Complications - Challenges After Adipose Lipoaspirate	
3:21-3:34 p.m.	Discussion	Moderator(s): 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.

4:04-4:05 p.m.	Introduction: Augmenting your Toolbelt	Moderator(s): John Ferrell II, M.D., Kenneth Zaslav, M.D.
4:06-4:11p.m.	Update on MFAT	John L. Ferrell III, M.D.
4:11-4:17 p.m.	Update on BMAC	Ken Mautner, M.D.
4:17-4:23 p.m.	When to Add Energy Medicine	Rowan V. Paul, M.D.
4:23-4:30 pm	Extra Cellular Vesicles for Knee Osteoarthritis	Kenneth Zaslav, M.D.
4:30-4:36 p.m.	Injectable Cartilage Repair: What's Next?	Seth L. Sherman, M.D.
4:36-4:44 p.m.	Discussion	Moderator(s): 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