

TOBI ORTHOBIOLOGICS SYMPOSIUM

JUNE 9-11, 2022 | HOLLYWOOD, FL

AGENDA

Thursday, June 9, 2022

8:00 am – 12:00 pm: Practice Accelerator

[Intro and Welcome](#) | Rikin Patel, DO (TOBI Conference and TOBI Networks)

[How to Think Like a CEO](#) | Rushab Kamdar, MBA (Think Business 360) Belle Meade, NJ

[Steps to Starting a Cash-Based Practice](#) | Daniel Clearfield DO, MS, FAOASM (Motion is Medicine Sports Medicine) North Richland Hills, TX

[Implementing Sales KPI to Grow Your Patience](#) | Corbyn May, MBA (Loud Rumor) Scottsdale, AZ

[Biohacking Effective Retail Solutions into Your Practice](#) | Sarah Glicker, (OsteoStrong) Los Angeles, CA

[How to Get Lots of New Patients to Your Practice with Minimal Marketing](#) | Anne Truong, MD (Truong Rehabilitation Center) Fredericksburg, VA

[Why I Won't Make You Viral and What You Should Do Instead](#) | Punam Shallenberger, Dallas, TX

[Leveraging Social Media to Grow An Orthobiologics Practice](#) | Adeel Khan, MD (Institute of Human Mechanics) Toronto, Ontario, Canada

[Q&A Panel Discussion: How I Built This – Accelerate Your Regenerative Practice](#) | Daniel Clearfield, DO, MS, FAOASM; Shounuck Patel, DO; Anne Truong, MD; Chris Marker, DO; Adeel Khan, MD; Hosted by Dr. Steven Sampson

12:00 pm – 1:00 pm: Lunch Break

1:00 pm – 5:00 pm: IOF Workshops (CME)

Foundations: PRP, BMC, Adipose & Ultrasound; Spine; Intraosseous

5:00 pm – 6:30 pm: TOBI Networks Roundtable

IN PARTNERSHIP WITH



Friday, June 10, 2022

8:00 am – 12:00 pm: IOF Cadaver Labs (CME)

PRP & Ultrasound; BMC & Adipose; Spine; Intraosseous; TOBI Shockwave Labs (NON CME)

12:00 pm – 1:00 pm: Lunch Symposium and Exhibit Hall Open

1:00 pm – TOBI 2022 Welcome

Steven Sampson, DO

Moderator Introduction and Welcome

Rowan Paul, MD

1:15 pm: Platelet Rich Plasma (PRP)

To Combine or Not Combine? Mixing PRP with Hyaluronic Acid | Shane Shapiro, MD

PRP for Supraspinatus Rotator Cuff Tears | Eduard Alentorn-Geli, MD, MSc, PhD, FEBOT

How Does PRP Target Pain and Inflammation in Patients with Mild to Moderate Knee Osteoarthritis? Comparing Leukocyte-Rich vs Leukocyte-Poor PRP | Prathap Jayaram, MD

Prevention and Treatment Protocols for Fibrosis with PRP | Mikel Sanchez, MD, PhD

Live Case Battles: TBD

Customizing PRP & BMC: Incorporating Hemoanalytics and AI with Patient Outcomes |

David Karli, MD, MBA

Ask Anything: PRP Panel Discussion with Q&A | Shane Shapiro, MD; Eduard Alentorn-Geli, MD; Prathap Jayaram, MD; Mikel Sanchez, MD, PhD; David Karli, MD

2:55 pm: 30 Minute Break | Exhibit Hall Open | Product Theaters

3:25 pm: Bone Marrow Concentrate (BMC)

BMC Dosing in Knee OA with CFU-f Analysis: Is Bigger Better? | Christopher Centeno, MD

Maximizing Bone Marrow Extraction: Why and How? | Sairam Atluri, MD

Biologic Augmentation of ACL Reconstruction: Lessons Learned from Pre-Clinical Benchtop and Clinical Comparative Study | Adam Anz, MD

New RCTs: BMC for Rotator Cuff and ACL Tears--Does It Work? | Christopher Centeno, MD

Ongoing Studies at Mayo Clinic – BMC & Arthroscopy in Shoulder OA and Augmented Rotator Cuff Repair. SVF for Knee OA | Shane Shapiro, MD

Ask Anything: BMC Panel Discussion with Q&A | Christopher Centeno, MD; Sairam Atluri, MD; Adam Anz, MD; Shane Shapiro, MD

Friday, June 10, 2022– continued

4:35 pm: What's New

New and Unexpected Findings: How MSCs Work in Orthopedics | Arnold Caplan, PhD

Ultrasound Guided Nerve and Fascial Hydrodissection with D5W, PRP, A2M, and BMAC. Which Works Best? | Stanley Lam, RMSK, MBBS, MScSEM, MScSMHS

Ask The Godfather: What's New Discussion and Q&A with Arnold Caplan, PhD | Arnold Caplan, PhD

5:35 pm: Interactive Panels

Growing Your Regenerative Practice: Transitioning From Insurance to Self-Pay | Rik Patel, DO; Annu Navani, MD; Rahul Desai, MD; Rowan Paul, MD; Shounuck Patel, DO; Chris Marker, DO

Shark Tank Live Challenge – Three Finalists Battle for ON Foundation/TOBI Knee Grant | Ortho Sharks: Kay Horsch; Arnold Caplan, PhD; Steven Sampson, DO; Scott Bruder, MD, PhD | The Finalists: Jingjing Gao; Luca Ambrosio, MD; Roberto Di Gesù, PhD

6:20 pm: Closing Remarks for Day 1

6:30–8:00 pm: Networking Reception

Saturday, June 11, 2022

7:00 am: Breakfast with Exhibitors | Product Theaters

8:00 am: Opening Remarks for Day 2

Rowan Paul, MD

8:05 am: Adipose

Optimal Lipoaspirate Technique and Patient Demonstration | Randy Miller, MD

Autologous Adipose Stromal Vascular Fraction Cells for the Treatment of Knee OA: Phase IIb and Phase III Studies | Tariq Awan, DO

How I Use Adipose Tissue in Orthopedic Practice. Early Data on Knee OA and Shoulder OA with Partial Rotator Cuff Tears | Ariana DeMers, DO

Adipose and PRP for Knee OA: Lessons Learned from a Randomized Comparative Trial | Michael Baria, MD

Ask Anything: Adipose Panel Discussion and Q&A | Randy Miller, MD; Tariq Awan, DO; Ariana DeMers, DO; Michael Baria, MD

9:30 am: 30 Minute Break | Exhibit Hall Open | Product Theater

Saturday, June 11, 2022– continued

10:00 am: ASIPP @ TOBI: Interventional Spine

Role of ASIPP in the Growth of Regenerative Medicine: What Can ASIPP Do For You | Laxmaiah Manchikanti, MD

Certification in Regenerative Medicine: Do You Need It? Pathway for Certification | Annu Navani, MD

PRP in Low Back Pain: What's the Current Evidence? | Sheldon Jordan, MD

BMAC in Low Back Pain: What Does The Evidence Say? | Sheri Albers, DO

Recent Advances and Future Directions of Intradiscal Biologic Therapies | Annu Navani, MD

Ask Anything: ASIPP @ TOBI – Interventional Spine Panel Discussion and Q&A | Laxmaiah Manchikanti, MD; Annu Navani, MD; Sheri Albers, DO

11:20 am: Orthobiologic Rehabilitation

Post-Surgery and Orthobiologics: Chronicling an Elite Athlete's Rehab Journey | Tyler Opitz, DPT, SCS, CSCS

Interactive Rehab Panel | Tyler Opitz, DPT, SCS, CSCS; Brian Shiple MD, Shounuck Patel DO, Rahul Desai MD; Rowan Paul, MD

12:00 pm – 1:00 pm | Lunch Break

Exhibit Hall and Product Theaters

1:00 pm: Intraosseous/Subchondral Bone

Intraosseous BMC+PRP+Bone Allograft Injections for Bone Edema: Case Reports and Optimal Technique | Rachel Frank, MD

Effects of Intraosseous PRP on MSCs: Cell Culture Results and Clinical Correlations | Nicolas Fiz, MD

Ultrasound Characteristics of MRI Bone Marrow Lesions and Efficacy of US-guided IO injections of PRP and BMAC | Stanley Lam, RMSK, MBBS, MScSEM, MScSMHS

Intraosseous Injections of PRP in an Office Setting with Local Anesthesia: A Disruptive Technique (IOLA): Encouraging Results | Antonio Rios-Luna, MD, PhD

Ask Anything: IO/Subchondral Bone Panel Discussion and Q&A | Rachel Frank, MD; Nicolas Fiz, MD; Antonio Rios-Luna, MD

2:10 pm: Practice Compliance

What Not To Do in Regenerative Medicine: Lessons from Bad Actors | Don Buford, MD

Malpractice in Regenerative Medicine | Sheldon Jordan, MD

Regulatory Interactive Town Hall with Live Q&A: What Can, and Can't I Do? |

Don Buford, MD; Andrew Ittleman, Esq., CAMS; Scott Bruder, MD, PhD; Brian Shiple, MD

Saturday, June 11, 2022– continued

3:00 pm: Emerging Biologics

Perinatal Tissues: The End or Just the Beginning? Comparative Analysis of PRP, Amnion, Wharton's Jelly, and Exosome Products | Alberto Panero, DO

You Don't Have to Live with a Chest Wall Deformity: Chronic Pectoralis Major Tendon Reconstruction of the Chest Wall | Steve Mora, MD

PRP vs. Placental Tissue Injectable: Growth Factor Analysis, Who Wins? | Carl Flannery, PhD

A Randomized Controlled Study of Autologous Tenocyte Injection (ATI) vs Corticosteroid Injection for Interstitial Rotator Cuff Tear and Impingement Syndrome | Minghao Zheng, MD, PhD

3:50 pm: 30 Minute Break | Exhibit Hall Open | Product Theater

4:20 pm: Alternatives to Injections

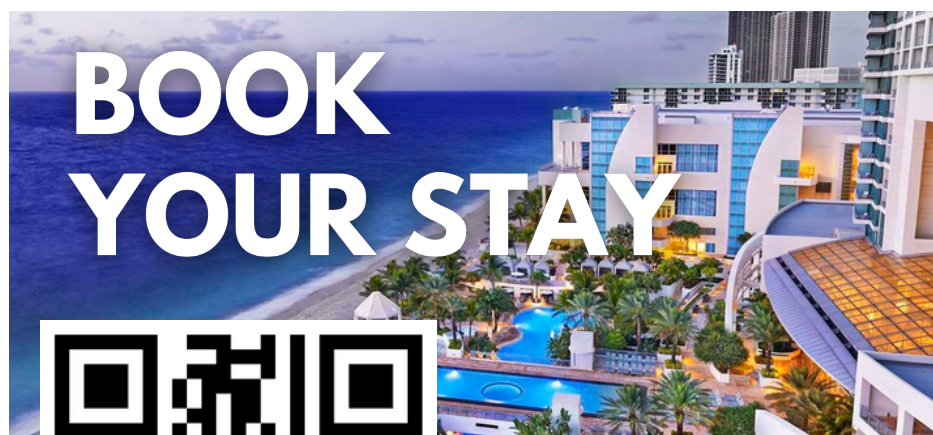
Photobiomodulation: An Alternative Anti-Inflammatory and Pain Treatment Modality. Basic Science and Clinical Studies Review | Scott Sigman, MD (OrthoLazer Orthopedic Laser Center) Chelmsford, MA

Mechanical Energy in Regenerative Medicine: A Multidisciplinary Approach with a Remarkable Case Presentation | Rowan Paul, MD

Interactive Shockwave Panel | Karsten Knobloch, MD; Anne Truong, MD; Brice Blatz, MD; Steven Sampson DO; Paul Hobrough PT; Rowan Paul, MD

5:05 pm: TOBI Takeaways with Chris Marker, DO

5:15 pm: Closing Remarks with Steven Sampson, DO



The Diplomat Beach
Resort | Hollywood, FL

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rates available

SPEAKERS



Sheri Albers, DO

Sheri Lenée Albers, DO
Sacramento, CA



Don Buford, MD

Texas Orthobiologics |
Dallas, TX



**Eduard Alentorn-Geli, MD,
MSc, PhD, FEBOT, FACGME**

Instituto Cugat | Barcelona,
Spain



Arnold Caplan, PhD

Case Western Reserve
University | Cleveland, OH



Adam Anz, MD

Andrews Institute for
Orthopaedics & Sports
Medicine | Gulf Breeze, FL



**Christopher Centeno,
MD**

The Centeno-Schultz Clinic
Broomfield, CO



Sairam Atluri, MD

StemCures | Cincinnati, OH



**Michael Chin, DPM,
FACFAS**

The Running Institute |
Chicago, IL



Tariq Awan, DO

AdventHealth | Orlando, FL



**Daniel Clearfield, DO,
MS, FAOASM**

Motion is Medicine Sports
Medicine | North Richland
Hills, TX



Michael Baria, MD

Ohio State University Wexner
Medical Center | Columbus, OH



Ariana DeMers, DO

Restore Orthopedics and
Sports Medicine | Sonoma, CA



Brice Blatz, MD

RestorePDX | Lake Oswego, OR



Rahul Desai, MD

RestorePDX | Lake Oswego, OR



Scott Bruder, MD, PhD

Bruder Consulting & Venture
Group | Metro NYC



Nicolas Fiz, MD

Arthroscopic Surgery Unit,
Vitoria-Gasteiz, Spain

SPEAKERS



Carl Flannery, PhD

Bioventus | Durham, NC



Rachel Frank, MD

University of Colorado
School of Medicine | Denver,
CO



Sarah Glicken

OsteoStrong | Los Angeles,
CA



Paul Hobrough, PT

Hobrough-Healthcare |
Corbridge, UK



Kay Horsch, PhD

ON Foundation | Lucerne,
Switzerland



**Andrew Ittleman, Esq.,
CAMS**

Fuerst Ittleman David &
Joseph | Miami, FL



Prathap Jayaram, MD

Emory University | Atlanta,
GA



Shelly Jordan, MD

Neurological Associates of
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Department of Neurology |
Los Angeles, CA



Rushab Kamdar, MBA

Think Business 360 | Belle
Mead, NJ



David Karli, MD, MBA

Greyledge Technologies Inc.
– Steadman Clinic | Vail, CO



Adeel Khan, MD

Institute of Human Mechanics |
Toronto, Ontario, Canada



Karsten Knobloch, MD

Trauma Department, Hannover
Medical School, Hanover,
Germany | SportPraxis,
Hannover, Germany



Stanley Lam, RMSK

KH Lam Musculoskeletal Pain
Management and Sports Injury
Centre | Kowloon, Hong Kong



**Laxmaiah
Manchikanti, MD**

Pain Management Centers
of America | Illinois and
Kentucky



Chris Marker, DO

360 Sports, Spine and Wellness
| Huntington Beach, CA



Corbyn May, MBA

Loud Rumor | Portland, OR

SPEAKERS



Randy Miller, MD

Miller Plastic Surgery | Miami, FL



**Antonio Rios-Luna, MD,
PhD**

Traumatology Clinic |
Almeria, Spain



Steve Mora, MD

Restore Orthopedics and
Spine Center | Orange, CA



Steven Sampson, DO

TOBI, Orthohealing Center |
Los Angeles, CA



Annu Navani, MD

Comprehensive Spine and
Sports Center | Campbell, CA



Mikel Sanchez, MD, PhD

Arthroscopic Surgery Unit |
Vitoria-Gasteiz, Spain



Tyler Opitz, DPT, SCS, CSCS

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Punam Shallenberger

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Rowan Paul, MD

RegenCore | San Francisco, CA



Shane Shapiro, MD

Mayo Clinic | Jacksonville, FL



Alberto Panero, DO

SAC Regenerative Orthopedics
| Sacramento, CA



**Brian Shiple, DO, CAQSM,
RMSK**

The Center for Sports Medicine
| Glen Mills, PA



Rik Patel, DO

TOBI Networks & BioRecovery
Labs | Princeton, NJ



Scott Sigman, MD

OrthoLazer Orthopedic Laser
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Shounuck Patel, DO

The Patel Center for
Functional Regeneration |
Arcadia, CA



Anne Truong, MD

Rehabilitation Med
Physicians, Truong Rehab |
Fredericksburg, VA

SPEAKERS



Minghao Zheng, MD, PhD

University of Western Australia,
Perron Institute | Perth, Western
Australia