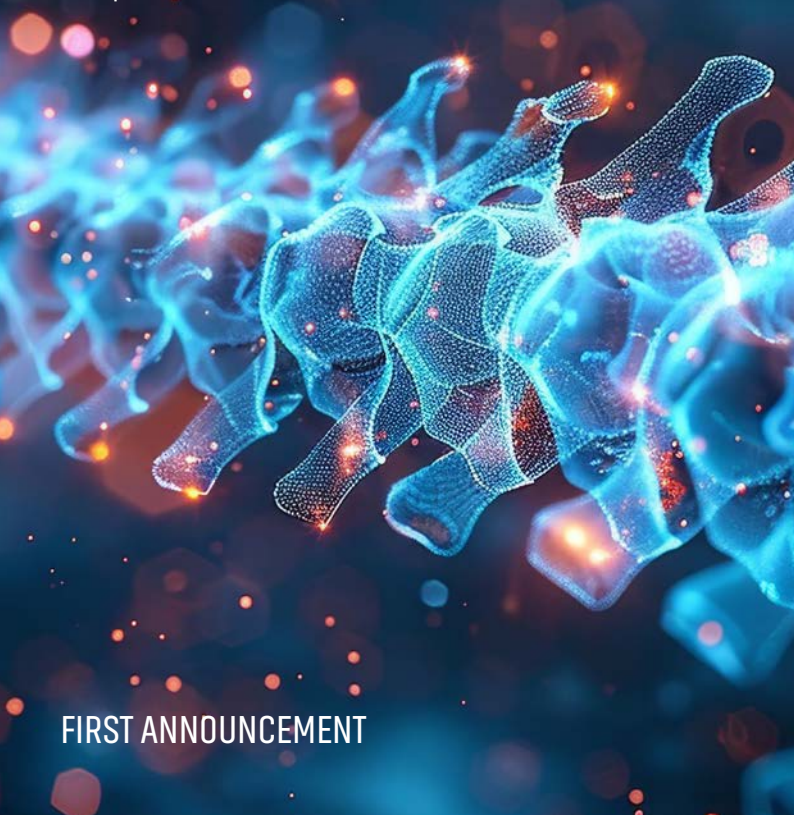


BIOSPINE 9

**International Congress on
Biotechnologies for Spinal Surgery**
Innovation, Exchange and Visions
for Spinal Medicine



FIRST ANNOUNCEMENT

ADVANCED SCIENCE FORUM

MAY 20-22, 2026 | BERLIN
Langenbeck-Virchow-Haus

WELCOME AND MISSION

INNOVATION, EXCHANGE AND VISIONARY IDEAS FOR SPINE MEDICINE.

Since 2002, BioSpine has brought together leaders from spine surgery, science and industry to drive innovation in spinal care. In 2026, we continue this legacy with a strong focus on clinical translation, digital technologies and regenerative solutions.

MISSION

To connect pioneers in spinal medicine, foster interdisciplinary exchange and accelerate innovation – from bench to bedside.

HOSTED BY

GWT-TUD GmbH

Freiberger Str. 33 | 01067 Dresden

www.g-wt.de



FOCUS AREAS

KEY TOPICS

Spinal Regeneration and Degeneration

From disc regeneration and annulus repair to cell therapy and biomaterials – discover how regenerative medicine is transforming spinal care by targeting degeneration at its source. Includes advances in spinal cord repair and new perspectives on lumbar back pain.

Endoscopic Spine Surgery and Novel Implants

Minimally invasive techniques and next-gen implants are re-defining surgical standards. Focus areas include MIS, precision tools and biomechanically optimized devices for faster recovery and improved outcomes.

Robotics, Navigation and Simulation Technologies

Explore how robotics and smart navigation enhance surgical accuracy, while simulation technologies revolutionize training and patient safety in spinal procedures.

Artificial Intelligence and Big Data Analytics

AI and data-driven approaches are shaping the future of diagnostics and therapy. Learn how MR-based insights, predictive tools, data ecosystems and clinical outcomes analysis enable personalized and evidence-based care.

SYMPOSIA

AO Spine – Knowledge Forum

Under the leadership of Yabin Wu, this symposium by AO Spine's Knowledge Forum Degenerative will delve into current challenges and innovations in the diagnosis and treatment of degenerative spine conditions.

Berlin Spine Society Symposium

Led by Patrick Schuss and Matthias Pumberger, this session by the Berliner Wirbelsäulengesellschaft e.V. will present cutting-edge perspectives from German spine surgery, focusing on current standards and emerging techniques.

Lumbar Back Pain Symposium

Chaired by Michael DePalma, this symposium will bring together international experts to explore state-of-the-art approaches to the management of lumbar back pain – one of the most prevalent global health challenges.

Clinical Outcomes Symposium

Moderated by Zorica Buser, this session will focus on the importance of clinical outcome data in driving evidence-based spine care, patient safety and long-term success.

PROGRAMME

WEDNESDAY, 22 MAY

15:00–18:00

- Regeneration and degeneration sessions
- Welcome reception

THURSDAY, 23 MAY

09:00–18:00

- Endoscopy
- Robotics debate
- Material innovations
- AO Knowledge Forum symposium
- Community Evening – Open Networking Reception

FRIDAY, 24 MAY

09:00–15:00

- Rapid-fire abstracts
- MR-guided navigation
- Farewell gathering

MEET 200+ MOVERS AND SHAKERS IN SPINE CARE

- 120 leading surgeons
- 40 top researchers
- 20 visionary exhibitors
- joined by 20 med-tech investors
- hospital decision-makers and bold start-ups

KEYNOTE SPEAKER AND SCIENTIFIC LEAD

SCIENTIFIC LEAD

Hans Jörg Meisel, MD, PhD

Former Chairman, Center of Neurosciences

BG Klinikum Bergmannstrost Halle

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Gianluca Vadalà, MD, PhD

Università Campus Bio-Medico di Roma

Department of Orthopaedic and Trauma Surgery

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WE ARE HONORED TO WELCOME OUR KEYNOTE SPEAKER

SHANMUGANATHAN RAJASEKARAN

A world-renowned spine surgeon, academic leader and researcher who has shaped the Orthopaedic Department at Ganga Hospital into a globally recognized center for clinical excellence and innovation.

SCIENTIFIC COMMITTEE

Mauro Alini, PhD | Switzerland

Luca Ambrosio, MD, PhD | Italy

Zorica Buser, PhD | USA

Jérôme Guicheux, PhD | France

Roger Härtl, MD, PhD | USA

Hans-Jörg Meisel, MD, PhD | Germany

Matthias Pumberger, MD, MHBA | Germany

Daisuke Sakai, MD, PhD | Japan

Dino Samartzis, DSc, PhD | USA

Patrick Schuss, MD, PhD | Germany

Claudius Thomé, MD, PhD | Austria

Marianna Tryfonidou, DVM, PhD, EBVS® | Netherlands

Gianluca Vadalà, MD, PhD | Italy

Peter Vajkoczy, MD, PhD | Germany

Hans-Joachim Wilke, PhD | Germany

Karin Wuertz-Kozak, PhD | USA

GET INVOLVED AND JOIN THE

FACULTY

Luca Ambrosio, MD, PhD

Campus Bio-Medico University of Rome – Italy

Doug Beall, MD | Clinical Radiology of Oklahoma – USA

Zorica Buser, MBA, PhD | NYU Grossman School of Medicine – USA

Michael DePalma, MD | Virginia iSpine Physicians – USA

Tim Ganey, PhD | Bone Pharm – USA

Benjamin Gantenbein, PhD | University of Bern – Switzerland

Inbo Han, MD, PhD | Seoul St. Mary's Hospital – South Korea

Roger Härtl, MD, PhD | Weill Cornell Medicine – USA

Shanmuganathan Rajasekaran, MS, PhD, FACS

Ganga Hospital Coimbatore – India

Fabrizio Russo, MD, PhD | IRCCS Galeazzi Institute Milan – Italy

Daisuke Sakai, MD, PhD | Tokai University – Japan

Patrick Schuss, MD, PhD

Unfallkrankenhaus Berlin (ukb) – Germany

Claudius Thomé, MD, PhD

Medical University of Innsbruck – Austria

Siegfried Trattnig, MD, PhD | Medical University of Vienna – Austria

Marianna Tryfonidou, DVM, PhD, EBVS®

Utrecht University – Netherlands

Gianluca Vadalà, MD, PhD

Campus Bio-Medico University of Rome – Italy

Peter Vajkoczy, MD, PhD | Charité Berlin – Germany

Hans-Joachim Wilke, PhD | University of Ulm – Germany

Yabin Wu, PhD | AO Spine, AO Foundation – Switzerland

COMMUNITY

WHO SHOULD ATTEND?

Surgeons | Scientists | Engineers | MedTech Innovators | Clinicians

WHY ATTEND BIOSPINE 2026?

- Meet 200+ experts in spinal medicine
- Gain insights into the latest biotechnologies, from AI to robotics
- Experience live sessions and interactive symposia
- Expand your network across academia, clinics, and industry
- Present your work to a global audience

WHAT TO EXPECT

- Three days of high-level scientific exchange
- Keynotes, symposia, and rapid-fire presentations
- Hands-on insights into robotics, AI, and biomaterials
- Networking with leading surgeons, researchers and med-tech pioneers
- Enjoy two evening events designed for informal exchange
- Immerse yourself in a focused setting in the heart of Berlin's medical district

Come to Berlin and connect with an international network that drives innovation, builds bridges, and brings new therapies to life.

Submit your abstract by **September 30, 2025.**

Register early to **benefit from discounted rates.**

Venue: Langenbeck-Virchow-Haus
Luisenstraße 58 | 10117 Berlin, Germany

Please note: The official congress language is English.



Learn more at:
www.biospine-summit.org

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