



World Conference on Biomaterials, Tissue Engineering, and Regenerative Medicine

September 21–23, 2026 | Munich, Germany

Day 1: September 21, 2026 – Foundations & Emerging Innovations

Morning Session

Opening Ceremony & Welcome Address

09:00 – 10:00 | Opening Ceremony & Keynote Session

- Welcome Address by the Conference Chair
- **Keynote:** “Next-Generation Biomaterials: Redefining Regenerative Medicine”

10:00 – 11:00 | Plenary Session 1: Advances in Biomaterials Science

- Smart and Responsive Biomaterials for Targeted Therapies
- Biopolymers and Composite Materials for Biomedical Applications

11:00 – 11:15 | Coffee Break & Networking

11:15 – 12:45 | Invited Talks: Innovations in Scaffold Design and Fabrication

- 3D Printing and Bioprinting in Tissue Engineering
- Nanostructured Biomaterials for Enhanced Cell Growth
- Bioactive Surface Modifications and Cellular Interactions

12:45 – 14:00 | Lunch Break & Poster Viewing

14:00 – 15:30 | Symposium: Tissue Engineering & Organ Regeneration

- Stem Cell–Based Tissue Regeneration Strategies
- Artificial Organs: Engineering Complexity in Functionality
- Hydrogel Systems for Soft Tissue Repair

15:30 – 16:00 | Coffee Break & Networking

16:00 – 17:30 | Panel Discussion: Translating Biomaterials from Bench to Bedside

- Challenges in Clinical Translation and Regulatory Approval
- Collaboration Between Academia, Industry, and Clinics

17:30 – 19:00 | Welcome Reception & Networking Dinner

Day 2: September 22, 2026 – Clinical Applications & Industry Innovations

09:00 – 10:00 | Keynote Session

- “Regenerative Medicine in Clinical Practice: From Lab Models to Patient Care”

10:00 – 11:00 | Plenary Session 2: Biomaterials in Regenerative Surgery

- Bioengineered Skin, Bone, and Cartilage Substitutes
- Implantable Devices and Biocompatibility Challenges

11:00 – 11:15 | Coffee Break & Networking

11:15 – 12:45 | Featured Talks: Advanced Biofabrication Techniques

- Biopinks for 3D Bioprinting and Cell Encapsulation
- Microfluidic and Organoid Technologies in Regenerative Research
- Mechanical and Biological Evaluation of Engineered Tissues

12:45 – 14:00 | Lunch Break & Poster Presentations

14:00 – 15:30 | Workshop: Practical Approaches in Tissue Engineering

- Hands-On: 3D Bioprinting for Regenerative Constructs
- Cell-Scaffold Interactions and Bioreactor Techniques

15:30 – 16:00 | Coffee Break & Networking

16:00 – 17:30 | Panel Discussion: Collaboration Between Academia & Industry

- Bridging Innovation and Commercialization in Regenerative Medicine
- Startups, Patents, and Funding Opportunities

17:30 – 18:30 | Poster Session & Product Demonstrations

Day 3: September 23, 2026 – Future Perspectives & Ethical Considerations

09:00 – 10:00 | Keynote Session

- “Future Frontiers in Regenerative Medicine: Personalized and Precision Healing”

10:00 – 11:00 | Plenary Session 3: Ethics & Regulations in Biomaterials Research

- Bioethics and Patient Consent in Regenerative Therapies
- Global Regulatory Pathways for Medical Biomaterials

11:00 – 11:15 | Coffee Break & Networking

11:15 – 12:45 | Symposium: Future Directions in Biomaterials and Regeneration

- Bioelectronic Interfaces for Tissue Regeneration
- AI and Machine Learning in Biomaterials Design
- Sustainable Biomaterials: Eco-Friendly Approaches

12:45 – 14:00 | Lunch Break & Poster Viewing

14:00 – 15:30 | Roundtable Discussion: Building the Future of Regenerative Medicine

- Integrating Emerging Technologies in Healthcare Systems

- Cross-Disciplinary Collaboration for Global Impact

15:30 – 16:00 | Coffee Break & Networking

16:00 – 17:30 | Closing Ceremony & Awards

- Best Paper Award
- Best Poster Award
- Closing Remarks & Announcement of Next Year's Conference

Trending Topics for Speaker Engagement

1. Smart Biomaterials for Targeted Drug Delivery
2. 3D Bioprinting and Customized Tissue Constructs
3. Stem Cell Therapy and Regenerative Healing
4. Nano-Biomaterials for Controlled Drug Release
5. Bioelectronics and Tissue–Machine Interfaces
6. Organoid and Lab-Grown Organ Technologies
7. AI-Driven Biomaterials Design
8. Clinical Translation Challenges in Regenerative Medicine
9. Sustainable & Eco-Friendly Biomaterials
10. Immunomodulatory Biomaterials for Enhanced Healing