The ICONIC MEETINGS
.....Meet Influential People.....

WCBRM-2026

World Conference on Biomaterials and Regenerative Medicine

March 09-11, 2026 | Paris, France

TENTATIVE PROGRAM

E: WCBRM-2026@iconicconferences.org
W: https://www.biomaterials.theiconicmeetings.com/

Day 1 (March 09, 2026)	
MainHall	
08:30-09:30	**Registrations**
09:30-09:35	**Introduction**
09:35-10:00	**Opening Ceremony**
Plenary session	
10:00-10:40	**Title: Principles of tissue engineering** **Antonios G. Mikos,** *Rice University, USA*
10:40-11:20	**Title: Foreign body reaction to biomaterials** **James M. Anderson,** *Case Western Reserve University, USA*
11:20-11:35	**Refreshments Break@ Foyer**
Keynote Session	
11:35-12:05	**Title: 3D printed Sr-containing composite scaffolds: Effect of structural design and material formulation towards new strategies for bone tissue engineering** **Piergiorgio Gentile,** *Polytechnic University of Valencia, Spain*
12:05-12:35	**Title: Local clearance of senescent cells attenuates the development of post-traumatic osteoarthritis and creates a pro-regenerative environment** **Jennifer Hartt Elisseeff,** *Johns Hopkins University, USA*
12:35-12:50	**Group Photo**
12:50-14:00	**Lunch Break**
Invited Talks	
14:00-14:20	**Title: Sustained release of therapeutics via artificial secretory granules** **Dr. Marianna T. P. Favaro,** *Autonomous University of Barcelona, Spain*
14:20-14:40	**Title: Comparative evaluation of strategies for incorporating BMP-2 with regard to the osteoinductive potential of PLLA scaffolds for guided bone regeneration** **Dr. Tomasz Gredes,** *Technische Universität Dresden, Germany*

14:40-15:00	**Title: Modeling Breast Cancer Extracellular Vesicle–Mediated Degradation of the Lymphatic Glycocalyx using a 3D Organ-on-Chip Platform** **Mr. Justin Lau,** *Cornell University, USA*
15:00-15:20	**Title: Engineering a regenerative mesenchyme for age-related diseases therapy : example of periodontitis** **Ms. Jeanne Minvielle Moncla,** *University of Toulouse, France*
15:20-15:40	**Title: Nanoparticle-mediated brain drug delivery: Overcoming blood–brain barrier to treat neurodegenerative diseases** **Lino Silva Ferreira,** *University of Coimbra, Portugal*
15:40-15:50	**Refreshments Break@ Foyer**
15:50-16:10	**Title: Can polymeric surfactants block cancer cell fusion and metastasis?** **David I. Devore,** *Graplon Technologies, USA*
16:10-16:30	**Title: Enhanced in vivo Chronic Full-Thickness Wounds healing with Antimicrobial Chitosan- Graphene Nanocomposites** **Priyanka Chhabra,** *Amity University Noida, India*
16:30-16:50	**Title: Bioeffects of inhaled nanoplastics on neurons and alteration of animal behaviors through deposition in the brain** **Xiaoyan Liu,** *National University of Singapore, Singapore*
16:50-17:10	**Title: A bilayered elastomeric scaffold for tissue engineering of small diameter vascular grafts** **David Vorp,** *University of Pittsburgh, USA*
17:10-17:30	**Title: Injectable in situ forming biodegradable chitosan–hyaluronic acid based hydrogels for cartilage tissue engineering** **Kacey Marra,** *University of Pittsburgh, USA*
17:30-17:50	**Title: Fibroblasts and myofibroblasts in wound healing: force generation and measurement** **James H-C. Wang,** *University of Pittsburgh, USA*
Poster Presentations @ 17:50-19:00	

Day 2 March 10, 2026	
08:30-09:30	**Registrations**
	Plenary Session
09:30-10:10	**Title: Complexity in biomaterials for tissue engineering** **Molly Stevens,** *Imperial College London, England*
10:10-10:50	**Title: Hydrogels In Biology And Medicine: From Molecular Principles To Bionanotechnology** **Ali Khademhosseini,** *Massachusetts Institute of Technology, USA*
10:50-11:00	**Refreshments Break@ Foyer**
	Invited Talks
11:00-11:20	**Title: Valorization of Eggshell Waste into Bioceramic-Coated Textile Scaffolds for Bone Tissue Engineering** **Julia Bellvik,** *University of Borås, Sweden*
11:20-11:40	**Title: A novel bi-directional and bi-temporal delivery system for enhancing intrasynovial tendon repair** **Seth Kinoshita,** *Georgia Institute of Technology, USA*
11:40-12:00	**Title: Cellular Uptake and Nuclear Localization of Biomimetic Proteoglycans** **Annika R. Bergstrom,** *Drexel University, USA*
12:00-12:20	**Title: Enhancing mRNA Therapeutics for Laminopathy: Investigating Diverse Delivery Systems** **Tsui Sharmane Fion,** *University of Hong Kong*
12:20-12:40	**Title: Local clearance of senescent cells attenuates the development of post-traumatic osteoarthritis and creates a pro-regenerative environment** **Jennifer Hartt Elisseeff,** *Johns Hopkins University, USA*
12:40-13:00	**Title: 3D printing of five-in-one dose combination polypill with defined immediate and sustained release profiles** **Morgan R Alexander,** *University of Nottingham, UK*
13:00-14:00	**Lunch Break**

14:00-14:20	**Title: The stiffness of living tissues and its implications for tissue engineering** **Alexandra P. Marques,** *University of Minho, Portugal*
14:20-14:50	**Title: Biomaterials science: an introduction to materials in medicine** **Cato T. Laurencin,** *University of Connecticut, USA*
14:50-15:10	**Title: PDMS Nanoparticles for Breast Cancer Therapy** **Sneha Singh,** *Indian Institute of Technology, India*
15:10-15:30	**Title: Interplay between Immune and Bacterial Cells on a Biomimetic Surface** **Richard Bright,** *Flinders University, Australia*
Speaker Slots Available	

Day 3 (March 11, 2026)	
MainHall	
08:30-09:30	**Registrations**
Featured talk	
09:30-10:00	**"Title: Transparent Sodium Alginate/Polyvinyl Alcohol Hybrid Casting Films for Corneal Stromal Regeneration"** **Amin Orash Mahmoudsalehi,** *Tecnologico de Monterrey, Mexico*
10:00-10:30	**Title: Electronic Stimulation in a Dynamic Enhanced System as a Single-input Cue for Regulating Neurovascularized Bone Regeneration** **Jiajing Tang,** *Radboud University, Netherlands*
10:30-11:30	**Title: Altering Smooth Muscle Cell (SMC) Identification and Differentiation States to Understand the Role of SMC in Normal and Pulmonary Arterial Hypertension Phases** **Ayat J Alansari,** *University of East Anglia, Saudi Arabia*
11:30-11:45	**Refreshments Break@ Foyer**

11:45-11:15	**"Title: Harnessing Antimicrobial Superhydrophobic Biomaterials for Subsiding Urinary Tract Infections and Improving Women Health"** **Dipanjana Patra,** *Jawaharlal Nehru Centre for Advanced Scientific Research, India*
11:15-11:45	**Title: Bioactive Osseointegrative Antimicrobial Coating for Titanium Implants: A facile solution for Cementless Fixation and Infection Prevention** **Subhankar Maity,** *Jawaharlal Nehru Centre for Advanced Scientific Research, India*
Speaker Slots Available	