

CROATIAN ACADEMY OF SCIENCES AND ARTS
Department of Medical Sciences



Frontiers in Regenerative Orthopaedics: Innovations Across Disciplines

CONFERENCE VENUE

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J.J. Strossmayer 14

27th NOVEMBER 2025



- Active participants: 15 credits
- Passive participants: 10 credits



6th INTERNATIONAL CONFERENCE ON REGENERATIVE ORTHOPAEDICS AND TISSUE ENGINEERING
"Frontiers in Regenerative Orthopaedics: Innovations Across Disciplines"

November 27th, 2025, Zagreb, Croatia

The Library of the Croatian Academy of Sciences and Arts
Josip Juraj Strossmayer Square 14, Zagreb

Organized by:

CROATIAN ACADEMY OF SCIENCES AND ARTS
The Department of Medical Sciences

In cooperation with:

CROATIAN ORTHOPAEDIC SOCIETY

Guest societies:

GLOBAL REGENERATIVE ACADEMY

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CONFERENCE PROGRAM: November 27th 2025.

Thursday November 27th

- 9:00 – 9:20** **Welcome Address**
Marko Pećina, Honorary President of the 6th ICRO
Vida Demarin, President of the Department of Medical Sciences, CASA
Džihan Abazović, President of the Global Regenerative Academy
Alan Ivković, President of the 6th ICRO
- 09:20 – 09:35** **Orthobiologics: State of the Art**
Co-organized by Global Regenerative Academy
Moderators: Giuseppe Filardo, Peter Everts
- 09:35 – 09:50** ESSKA ICRS consensus on orthobiologics
Giuseppe Filardo, Italy
- 09:50 – 10:05** The rationale for using different orthobiological preparations:
from platelet exosomes, to PRP with adipose, or BMAC, or fibrin
Peter Everts, USA
- 10:05 – 10:20** BMAC: where do we stand in clinical application
Džihan Abazović, Serbia
- 10:20 – 10:35** Changing the PRP formulation paradigm: from quantity to quality parameters
Peter Everts, USA
- 10:35 – 10:40** Discussion
- 10:40 – 11:10** **Mini Symposium / Minced Autologous Cartilage Repair: A One-Stage Solution for Articular Defects**
- 11:10 – 11:30** **Coffee Break**
- 11:30 – 12:15** **Joint Preserving Surgery**
Co-organized by Croatian Orthopaedic Society
Moderators: Mislav Jelić, Tomislav Smoljanović
- 11:30 – 11:45** Autologous minced cartilage implantation
Alan Ivković, Croatia
- 11:45 – 12:00** Corrective osteotomies around the knee joint
Tomislav Smoljanović, Croatia
- 12:00 – 12:15** Novel articulated device for knee joint distraction in treatment of knee osteoarthritis
Mislav Jelić, Croatia

12:15 – 12:30 Discussion

12:30 – 13:00 **Mini Symposium / Beyond lubrication: HA and HA+PRP as biologic adjunct in orthopaedic care**

13:00 – 14:00 **Lunch**

14:00 – 13:10 **Regenerative Medicine Modalities in Pain Treatment**
Moderators: Višnja Neseć, Ivan Radoš

14:00 – 14:15 Adequate acute pain control after elective surgery prevents occurrence of chronic pain
Višnja Neseć, Croatia

14:15 – 14:30 Epiduroscopy
Ivan Radoš, Croatia

14:30 – 14:45 Peripheral nerve blocks
Ira Skok, Slovenia

14:45 – 15:00 Discussion

15:00 – 15:20 **Mini Symposium / Precision Redefined: Robotics in Total Knee Arthroplasty**

15:20 – 15:40 **Coffee Break**

15:40 – 16:25 **Cells & Proteins in Regenerative Medicine and Tissue Engineering**
Moderators: Inga Urlić, Džihan Abazović

15:40 – 15:55 Bone morphogenetic proteins, carriers, and animal models in the development of novel bone regenerative therapies
Nikola Štoković, Croatia

15:55 – 16:10 Personalized, one-stage cartilage regeneration with 3D bioprinting
Inga Urlić, Croatia

16:10 – 16:25 Exosomes
Džihan Abazović, Serbia

16:25 – 16:40 Discussion

16:40-17:00 **Closing remarks**