back naslovna

### **VENUE:**

Croatian Academy of Sciences and Arts - Library Strossmayerov trg 14

#### **Chamber Credits:**

CMC has awarded the Conference with 20 credits for lecturers and 12 credits for participants.

### **ORGANIZING COMMITTEE**

Marko Pećina (Croatia) Presidents Ivan Martin (Switzerland)

Vice - President Damir Hudetz (Croatia)

Dražen Matičić (Croatia)

Secretary General Alan Ivković (Croatia)

Members Marcus Mumme (Switzerland)

Mislav Jelić (Croatia) Davor Ježek (Croatia) Robert Kolundžić (Croatia) Srećko Gajović (Croatia) Inga Marijanović (Croatia) Giuseppe Filardo (Italy) Wa'el Kafienah (UK) Krešimir Pavelić (Croatia) Tim Smith (Canada)

## **LOCAL ORGANIZING COMMITTEE**

Maja Antunović Ivan Bohaček Petar Kostešić Igor Matić Lidija Pribolšan Maja Pušić AndrejaVukasović

### SCIENTIFIC COMMITTEE

Full members of the Department of Medical Sciences Croatian Academy of Sciences and Arts

Slavko Cvetnić Ivo Čikeš Dragan Dekaris Vida Demarin Vladimir Goldner Vjekoslav Jerolimov Ivica Kostović Zvonko Kusić Josip Madić Davor Miličić

Marko Pećina Ivan Prpić Željko Reiner Daniel Rukavina Marko Šarić Slobodan Vukičević **Teodor Wikerhauser** 



361 events. hr/ICRO2015



This conference has received funding from the European Union's Seventh Framework Programme (FP7/2007-2013) under grant agreement n°278807 - Bioreactor based, clinically oriented manufacturing of engineered tissues (BIO-COMET)



# International **Conference on** Regenerative **Orthopaedics** and Tissue Engineering

November 4th 2015, Zagreb, Croatia **NEW INSIGHTS IN CARTILAGE REPAIR** 

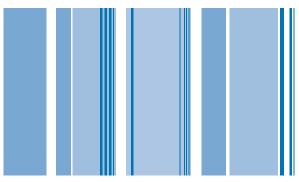


















# **Official PCO**



**Professional** Congress Organizer

Radnička cesta 27 HR-10000 Zagreb HR-AB-01-080766346 T: + 385 1 8892 361 F: + 385 1 8892 362

# Organized by:

CROATIAN ACADEMY OF SCIENCES AND ARTS The Department of Medical Sciences and **UNIVERSITY OF ZAGREB** FP7 Project BIO-COMET

# In cooperation with:

CROATIAN ORTHOPAEDIC SOCIETY Section for Translational Medicine













# **CONFERENCE PROGRAM:**

November 4<sup>th</sup> 2015.

10:35 - 10:40 Discussion

10:40 – 11:00 Coffee Break

Welcome Address 09:00 – 09:15 Zvonko Kusić, President of the Croatian Academy of Sciences and Arts		Nose2Knee - novel technology for articular cartilage repair Chairpersons: Wa'el Kafienah, Mislav Jelić		<b>Bioreactor technology in cartilage tissue engineering</b> <i>Chairpersons:</i> Marcy Zenobi-Wang, Inga Marijanović	
	Damir Boras, Dean of the University of Zagreb  Robert Kolundžić, President of the Croatian Orthopaedic Society  Ivan Martin, President of the 3 <sup>rd</sup> ICRO	11:00 – 11:20		15:00 – 15:20	"3D Cell and Tissue Culturing Under Perfusion" David Wendt, Cellec Biotek AG, Basel, Switzerland
	Marko Pećina, President of the 3 <sup>rd</sup> ICRO		and Hospital Management, University Hospital Basel, Switzerland	15:20 – 15:40	"Bioreactor-based Cartilage Engineering" David Wendt, Institute for Surgical
Emerging concepts in cartilage research Chairpersons: Ivan Martin, Damir Hudetz		11:20 - 11:40	"Nanocomposite scaffolds for Nose2Knee application"		Research and Hospital Management, University Hospital Basel, Switzerland
09:15 – 09:35	"Animal models in cartilage research"  Dražen Matičić, Department of Surgery,		Elisa Figallo, Finceramica, Faenza, Italy	15:40 – 16:00	"Advanced Bioreactors for Application in Clinical Medicine"
	Ophtalmology and Orthopaedics, Veterinary Faculty, University of Zagreb	11:40 – 12:00	"Nose2Knee – preclinical animal model" Andreja Vukasović, Department of His- tology and Embriology, Medical School		<b>Tim Smith,</b> Octane Biotech, Kingston, Canada
09:35 - 09:55	"Induced pluripotent stem cells in cartilage repair"		University of Zagreb, Croatia	16:00 – 16:20	"GMP Facilities for Bioreactor-based Tissue Engineering"
	<b>Wa'el Kafienah,</b> Department of Molecular Biology, University of Bristol, UK	12:00 – 12:20	"Nose2Knee – clinical experience in the treatment of cartilage defects with expanded nasal chondrocytes"		<b>Michele Desogus,</b> Holostem Terapie Avanzate, Modena, Italy
09:55 – 10:15	"Improved MR scoring system for out- come analysis of cartilage repair proce-		Marcus Mumme, University Hospital Basel, Switzerland	16:40 – 17:00	Coffee Break
	dures"  Giuseppe Filardo, Department of Orthopaedic Surgery, Istituto Ortopedico Rizzoli,	12:20 – 12:40	Discussion	17:00 – 17:30	Round table – future of cartilage tissue engineering
	Bologna, Italy	12:40 – 14:00	Lunch	17:30 – 17:40	Closing ceremony
10:15 – 10:35	"Imaging technologies in tissue engi- neering"	Spotlight lectu	Spotlight lecture		
	<b>Gregor Liebsch,</b> Presens GmBh, Regensburg, Germany	14:00 – 14:45	"3D cartilage printing"  Marcy Zenobi-Wang, Swiss Federal Institute of Technology, Zurich, Switzerland		

14:45 - 15:00 Discussion