

Agenda – Advances in regenerative medicine and tissue engineering for rare musculo-skeletal diseases

Rome, 13-14 October 2023

Day 1

Session name/Topic	Speaker	Time
Welcome	<p>Antonio Gasbarrini – Dean of the Faculty of Medicine, Università Cattolica S. Cuore, Rome, Italy</p> <p>Giovanni Scambia – Scientific Director, Policlinico Universitario A. Gemelli IRCCS</p> <p>Giuseppe Zampino – Centro Malattie Rare e Difetti Congeniti, Policlinico A. Gemelli, Rome, Italy</p>	9.00
Introduction		
Challenges and pitfalls in craniofacial reconstruction (ERN Cranio)	<p>Gianpiero Tamburrini – Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome, Italy</p> <p>Irene Mathijssen - Erasmus Medical Center, Rotterdam, NL)</p>	9.30
Bone stem cells and tissue engineering for rare diseases	Wanda Lattanzi – Università Cattolica S. Cuore, Rome, Italy	10.00
Osteoblast-osteoclast crosstalk in bone development and regeneration	Andrea del Fattore - Ospedale Pediatrico Bambino Gesù, Rome, Italy	10.30
Coffe break		11.00-11.30
Biomaterials for bone tissue engineering: where we are	Anna Tampieri – Institute of Science and Technology for Ceramics, CNR, Faenza, Italy	11.30
Drug repurposing and delivery systems for rare diseases	Alessandro Arcovito - Università Cattolica S. Cuore, Rome, Italy	12.00
Modeling rare bone diseases in vivo: murine models of achondroplasia and craniosynostosis	Federico Di Rocco - CHU de Lyon HCL - GH Est-Hôpital Femme Mère Enfant, Lyon, France	12.30



Lunch		13.00-14.00
Rare osteochondral disorders: the ERN-BOND experience	Luca Sangiorgi – Istituto Ortopedico Rizzoli, Bologna, Italy	14.00
Bioengineering and bioprinting for personalized osteochondral regeneration.	Pedro Morouco - Polytechnic of Leiria, Portugal	14.30
Coffe break		15.00-15.30
Empower patient involvement in Health Technology Assessments: roundtable with PAOs and patients' representatives	Mariët Faasse - European Patient Advocacy Groups – ePAG representative Annalisa Scopinaro -UNIAMO Claudia Fuchs EURORDIS representative	15.30-17.00
Networking dinner		19.30

Day 2.

Session name/Topic	Speaker	Time
Rare connective tissue and muscle diseases (ERN-ReCONNET)	Marta Mosca – Università di Pisa, Italy	9.00
Understanding the muscle stem cell niche: lesson from FSHD	Lorena Di Pietro - Università Cattolica S. Cuore, Rome, Italy	9.30
Paracrine signals and immunomodulation in tissue regeneration	Ornella Parolini - Università Cattolica S. Cuore, Rome, Italy	10.00
Stem cell therapy for muscular dystrophies.	Stefano A.M. Biressi – Università di Trento, Italy	10.30
Coffee break		11.00-11.30
3D modeling of skeletal muscle with different bioprinting approaches	Frederique Magdinier – Marseille Medical Genetics, Marseille, France	11.30
Ethics assessment in the regularoty journey of ATMP	Viviana Giannuzzi – Fondazione per la Ricerca Farmacologica Gianni Benzi ONLUS, Bari, Italy	12.00
Conslusive remarks		12.30-13.00

