

Session Program

June 28, 2022 to July 1, 2022

**Tissue Engineering and Regenerative
Medicine International Society (TERMIS)
European Chapter Conference 2022**

**S16-1 Biomaterials from nature based on
extracellular matrices: engineering,
repopulation and regenerative potential**

ICE Krakow
ul. Marii Konopnickiej 17 30-302 Kraków

Tue, June 28

1:30 PM

S16-1 Biomaterials from nature based on extracellular matrices: engineering, repopulation and regenerative potential

Session | Location: Room: S2 | Conveners: Dr Nürnberger, Sylvia, Prof. Barbero, Andrea

1:30 – 1:50 PM

Extracellular Matrix Derived Scaffolds for Cartilage and Osteochondral Defect Repair

Speaker

Kelly, Daniel

1:50 – 2:00 PM

CHARACTERIZING IN VIVO DEFORMATION DYNAMICS IN ORGAN SCAFFOLDS USING INTRAVITAL MICROSCOPY

Speaker

Corridon, Peter

2:00 – 2:10 PM

Development and characterisation of a novel 3D bioprinted biomimetic collagen and hyaluronic acid scaffold for the repair of cartilage defects

Speaker

O'Shea, Donagh

2:10 – 2:20 PM

Decellularised pleural membranes in pulmonary regenerative medicine

Speaker

Vikranth, Trisha

2:20 – 2:30 PM

Designing a Peptide Hydrogel for Early Detection of Cancer

Speaker

Mahon, Niall

2:30 – 2:40 PM

Collagen/Pristine Graphene as an Electroconductive Interface Material for Neuronal Medical Device Applications

Speaker

Maughan, Jack

2:40 – 2:50 PM

NOVEL HYPOXIA MIMICKING PEG-BASED NANO-BIOINK FOR CARTILAGE REGENERATION APPLICATION

Speaker

Ravi, Subhashini

2:50 – 3:00 PM

A scaffold-free graft for large critical size bone defect: preclinical evidence to clinical proof of concept

Speaker

Theys, Nicolas

3:00 PM