

Special Symposium during XLIII Annual Congress of the European Society for Artificial Organs on:

Biomimetic devices for tissue and organ regeneration

Chair: **João MANO**, Aveiro, Portugal
Thomas GROTH, Halle, Germany

Keynote speaker:

OPEN AND CLOSED POLYMERIC THREE-DIMENSIONAL STRUCTURES FOR TISSUE ENGINEERING

João Mano, Aveiro, Portugal

Invited speakers:

1. LIVING BIOINTERFACES BASED ON NON-PATHOGENIC BACTERIA TO HARNESS STEM CELL BEHAVIOUR

Manuel Salmeron-Sanchez, Glasgow, UK

2. FAST-DEGRADATION HYDROPHILIC-HYDROPHOBIC ENVIRONMENTS FOR CELL TRANSPLANTATION

Jose Luis Gómez Ribelles , Valencia, Spain

Co-opted speakers:

1. ENHANCEMENT OF ENDOTHELIAL CELL ADHESION ON ePTFE SUBSTRATE BY THE IMMOBILIZATION OF FIBRONECTIN-DERIVED PEPTIDE VIA SINGLE-STEP Tyr OXIDATION

Kakinoki Sachiro, Osaka, Japan

Suzuki Shihomi, Osaka, Japan

Nishioka Satoru, Osaka, Japan

Yamaoka Tetsuji, Osaka, Japan

Hirano Yoshiaki, Osaka, Japan

2. MATERIAL-DRIVEN FIBRONECTIN NANONETWORKS PROMOTE MAINTENANCE OF MESENCHYMAL STEM CELL PHENOTYPES

Rico Patricia, Valencia, Spain

Mnatsakanyan Hayk, Valencia, Spain

Salmerón-Sánchez Manuel, Glasgow, United Kingdom

Symposium co-sponsored by the *International Centre of Biocybernetics*

