

## **Symposium Titles**

Advanced Manufacturing Systems for Clinical Grade Stem Cells  
Biodegradable Metals  
Biomaterials & Engineered Constructs- Outcomes in Medicine/Existent Surgery  
Biophysical Cues and Cell Behavior  
Cardiovascular Tissue Engineering: From Bench to Bedside  
Cells, Matrix and Mechanobiology  
Complex Cell-ECM Interactions in Tissue Development and Regeneration  
Computational Modelling in Tissue Engineering  
Endochondral Ossification  
Engineering Angiogenesis  
Engineering Cellular Microenvironments In Vitro  
Engineering (patho)physiological models  
Engineering Regenerative Environments In Vivo  
Ethical Aspects of Tissue Engineering  
EuroSTEC: Soft Tissue Engineering for Congenital Anomalies  
Extracellular Matrix – Friend and Foe in Tissue Engineering  
Gene Therapy and Regenerative Medicine  
Growth Factors Regulating Cellular Differentiation  
Imaging Technologies for Regenerative Medicine and Tissue Engineering Applications  
Injectable Scaffolds for Tissue Engineering  
Limb Development: Guiding Principles for Connective Tissue Regeneration  
Mesenchymal Stromal Cells: Characterization and Expansion  
Multifunctional Bone scaffolds with Angiogenic and Therapeutic Potential  
Multi-Scale Hierarchical Scaffolds for Connective Tissues  
Nanotechnology For Regenerative Medicine  
Novel Lung based Therapeutic Strategies for Pulmonary and Systemic Diseases  
Novel Membrane Concepts for Tissue Engineering Applications  
"One-to-Many" Translation: Reaching Many Patients  
Polymer Materials Tailored For Tissue Engineering (ESB Sponsored Symposium)  
Preclinical Studies and Clinical Trials in Tissue Engineering  
Production of Mesenchymal Stromal Cells (MSC) for Clinical Application  
Regenerative Therapies for Osteoarthritis  
Replace, Repair or Regeneration Therapies in the Eye  
Smart and Self-assembling Systems in Tissue Engineering  
Strategies for Intervertebral Disc Regeneration (EU Project)  
Tissue Engineering Educational Laboratories – the Teaching Challenge  
Tissue Engineering Strategies for Rebuilding the Nervous System