

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-001	Poster Session I	Biomaterials	The fabrication of in-vitro liver tissue microenvironment scaffolds using electrospun polycaprolactone and human ECM	Anthony Callanan	United Kingdom
PP-002	Poster Session I	Biomaterials	Developing a biomimetic, biofunctionalised membrane to promote periodontal ligament regeneration	Aileen Crawford	United Kingdom
PP-003	Poster Session I	Biomaterials	Creating an artificial intervertebral disc using functionalized silk fibroin and human mesenchymal stromal cells	Andreas Shaun Croft	Switzerland
PP-004	Poster Session I	Biomaterials	Combinatorial analysis of tag peptides for enhancement of cell-adhesion short peptides	Akiyo Fujimoto	Japan
PP-005	Poster Session I	Biomaterials	Development of tissue adhesion barrier sheet functionalized with cell-selective adhesion peptides	Ayato Sugiyama	Japan
PP-006	Poster Session I	Biomaterials	Enhancing Endothelial Colony Forming Cell Recruitment by Peptide-Biofunctionalized Cardiovascular stents	Isra Marei	Qatar
PP-007	Poster Session I	Biomaterials	Tenogenesis after equine tendon-derived extracellular matrix bioprinting with adipose tissue mesenchymal stem cells	Ana Liz Garcia Alves	Brazil
PP-008	Poster Session I	Biomaterials	Lauryl hyaluronan derivative for effective treatment of dry eye syndrome	Frantisek Ondreas	Czech Republic
PP-009	Poster Session I	Biomaterials	Engineering immunomodulatory materials for regenerative medicine	Daniel Salthouse	United Kingdom
PP-010	Poster Session I	Biomaterials	The Effect of Crosslinking Conditions and Poly(ethylene) Oxide (PEO) addition on GelMA Properties and Bone Forming Ability	Ewa Walejewska	Poland
PP-011	Poster Session I	Biomaterials	Permeability test bench for characterizing tissue engineering scaffolds	Beatrice Masante	Italy
PP-012	Poster Session I	Biomaterials	Development of a biosynthetic corneal endothelial grafts to alleviate donor corneal shortage	David Robinson	United Kingdom
PP-013	Poster Session I	Biomaterials	Application of silk as anticorrosion and antibacterial film on AZ31 magnesium alloy	Babak Mehrjou	Hong Kong
PP-014	Poster Session I	Biomaterials	GELMA-PVP/MBGs COMPOSITES FOR BONE TISSUE ENGINEERING	Sandra Sánchez Salcedo	Spain
PP-015	Poster Session I	Biomaterials	The Influence of Nano and Micro Scale Surface Topography on Cell Migration	Anna Johnston	United Kingdom
PP-016	Poster Session I	Biomaterials	Production of porous polycaprolactone polyHIPEs as substrates for in vitro 3D breast cancer cell culture	Caitlin E Jackson	United Kingdom
PP-017	Poster Session I	Biomaterials	Collagen-nanoclay hydrogels for stiffness enhancement of the extracellular matrix in vitro	Elena García Garetá	Spain
PP-018	Poster Session I	Biomaterials	Development of electroactive composites for the electrical stimulation of stem cells	Fábio Filipe Ferreira Garrudo	Portugal
PP-019	Poster Session I	Polymers - natural, synthetic, responsive	Modulation of the pseudo-doping effect in polyaniline-based electrospun fibers	Fábio Filipe Ferreira Garrudo	Portugal
PP-020	Poster Session I	Biomaterials	Bone Clip: Developing an angiogenic biomaterial to increase bone healing	Caitlin Ryan	United Kingdom
PP-021	Poster Session I	Biomaterials	Screening Poly(Beta-Amino Ester) Nanoparticles for mRNA Delivery to Primary Human Skin Cells for Lymphangiogenesis	Alba Martinez Basalo	United Kingdom
PP-022	Poster Session I	Biomaterials	Development and characterisation of new bioelastomers based on poly(glycerol sebacate)-co-polyethylene glycol for biomedical applications	Mina Aleemardani	United Kingdom
PP-023	Poster Session I	Biomaterials	Methacrylate silk fibroin sponges as candidates for bone tissues substitutes	Francesca Agostinacchio	Italy
PP-024	Poster Session I	Biomaterials	Physical gelation as an additional tool to modulate low viscosity GelMA for hydrogels structuring	Cristina Padilla	Chile
PP-025	Poster Session I	Biomaterials	Osteoblast behaviour on keratin modified titanium surface	Eliza Ranjit	Australia
PP-026	Poster Session I	Biomaterials	Evaluation of Fibrin/PolyVinyl Alcohol Scaffolds for Skin Tissue Engineering by Emulsion Templating	Julian Francis Dye	United Kingdom
PP-027	Poster Session I	Biomaterials	Enhancing Biocompatibility, Antibacterial Characteristics and Corrosion Rate of Pure Zinc by Surface Acid Etching	Enmao Xiang	Australia
PP-028	Poster Session I	Biomaterials	Bioadhesive Microcapsules as a New Cellular Treatment for the Diffuse Cartilage Lesions	Desiré Venegas Bustos	Spain
PP-029	Poster Session I	Biomaterials	Functionalisation of modified Ti-6Al-4V surfaces with antimicrobial peptide KR12 to create antibacterial surfaces	Diana S. Gomes	United Kingdom
PP-030	Poster Session I	Biomaterials	Sustainable Polyhydroxyalkanoates-based 3D printed scaffolds with antibacterial properties for bone tissue engineering	Andrea Mele	United Kingdom
PP-031	Poster Session I	Biomaterials	Dual Action Antimicrobial Bone Regeneration Paste	Cheryl Miller	United Kingdom
PP-032	Poster Session I	Biomaterials	Effect of HA Particle Size and Quantity on The Bioactive and Biological Behaviour of PU Scaffolds	Fahad Hussain A Alhamoudi	Saudi Arabia
PP-033	Poster Session I	Biomaterials	Electrical stimulation: Use of a high throughput electrical stimulus bioreactor to study the best regimes for in vitro cellular mechanisms	Chithrambary Reghukumar	United Kingdom

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-034	Poster Session I	Biomaterials	Gelatin and hydroxyapatite derived 3D printed scaffold towards osteogenic regeneration	Asmita Biswas	India
PP-035	Poster Session I	Biomaterials	Preparation of multifunctional porous biocomposites made of chitosan, bioglass and peptides	Anna Woźniak	Poland
PP-036	Poster Session I	Biomaterials	Comparison of magnetic nanoparticle activation of mechanotransduction via antibody and aptamer	Hadi Hajiali	United Kingdom
PP-037	Poster Session I	Biomaterials	Lightweight, high strength bioactive polysaccharide-based scaffold with potential to treat bone tumors	Ana Carolina De Aguiar	Portugal
PP-038	Poster Session I	Biomaterials	The effect of molecular weight on the thermal processability of novel L-alanine based poly(ester amide)s	Patrícia Santos	Portugal
PP-039	Poster Session I	Biomaterials	Effect of a biodegradable poly(DL-lactide-co-ε-caprolactone) mesh loaded with or without antifibrotics in comparison with a commercially available polypropylene mesh in vitro and in vivo in a subcutaneous rabbit model	Laura Rubio Emazabel	Spain
PP-040	Poster Session I	Biomaterials	Application of a novel 3D porous Poly-epsilon-lysine hydrogel, Trabeculate™, to create a biomimetic structure of the trabecular meshwork of the eye.	Olivia Ann Kingston	United Kingdom
PP-041	Poster Session I	Biomaterials	Hyaluronic acid-tyramine bioink for coaxial bioprinting of cell-laden filaments	Alma Tamunonengiofori Banigo	Netherlands
PP-042	Poster Session I	Hydrogels and injectable systems	Chondrogenesis is improved via dynamic mechanical stimulation in ATDC5 embedded agar hydrogels	Marc Vlad Farcasanu	United Kingdom
PP-043	Poster Session I	Hydrogels and injectable systems	Comparing the cytotoxicity and crosslinking efficiency of three commonly used photo-initiators when making cell-laden hydrogels for biomedical applications	Aya Gavish Moscovitz	Israel
PP-044	Poster Session I	Hydrogels and injectable systems	Peptide Hydrogels for Local Drug Delivery	Lauren Churchill	United Kingdom
PP-045	Poster Session I	Hydrogels and injectable systems	Bioink Based On Decellularised Extracellular Matrix For Bone Graft Bioprinting	Ana Voltés Martínez	Spain
PP-046	Poster Session I	Hydrogels and injectable systems	Low-intensity pulsed ultrasound is effective in counteracting inflammation and inducing chondrogenic differentiation of adipose-stromal cells in 3D piezoelectric hydrogels	Cristina Manferdini	Italy
PP-047	Poster Session I	Hydrogels and injectable systems	Novel Synthesis of Covalently Crosslinked Organosilane Functionalised Gelatin-Based Organic-Inorganic Hybrid Hydrogels	Francesca Lewns	United Kingdom
PP-048	Poster Session I	Biomaterials	Bioengineering stromal cornea using fish collagen electrospun membranes	Rui Luís Reis	Portugal
PP-049	Poster Session I	Hydrogels and injectable systems	Micropatterned glycopeptide-based supramolecular hydrogels promote the alignment and contractility of cardiomyocytes	Rui Luís Reis	Portugal
PP-050	Poster Session I	Hydrogels and injectable systems	Tunable glycopeptide-based supramolecular hydrogels drive the differentiation of stem cells into neural lineages	Rui Luís Reis	Portugal
PP-051	Poster Session I	Polymers - natural, synthetic, responsive	Self-Reinforcing Polymers – A New Type of Biomaterials	Stefan Baudis	Austria
PP-052	Poster Session I	Polymers - natural, synthetic, responsive	Soft Nanomechanical Mapping of Polyether Ether Ketone (PEEK) via Atomic Force Microscopy	Alessandro Gambardella	Italy
PP-053	Poster Session I	Polymers - natural, synthetic, responsive	Decoding the synergy between PLGA and natural polymers in tissue regeneration	Amira Asaad	United Kingdom
PP-054	Poster Session I	Decellularised matrices	Supercritical Carbon Dioxide Sterilised Decellularised Porcine Pulmonary Heart Valves: Biological and Biomechanical Characterisation	Helen E Berry	United Kingdom
PP-055	Poster Session I	Decellularised matrices	Cellular Behaviors of Human Skeletal Muscle Satellite Cells on Tissue Specific Extracellular Matrix Coating and Hydrogels	Akio Kishida	Japan
PP-056	Poster Session I	Decellularised matrices	Parallel multi-structure decellularisation of a porcine three-dimensional right ventricular outflow tract valved xenograft for use in paediatric congenital cardiac surgery	Amy Georgia Harris	United Kingdom
PP-057	Poster Session I	Decellularised matrices	Investigation of microwave-assisted decellularization of bone matrix	Chaozong Liu	United Kingdom
PP-058	Poster Session I	Interfaces - engineered	Bone matrix derived bone-tendon enthesis for repair of irreparable rotator cuff tears	Chaozong Liu	United Kingdom
PP-059	Poster Session I	Decellularised matrices	An induced pluripotent stem cell-based model to study the role of extracellular matrix in myocardial fibrosis	Francesco Niro	Italy
PP-060	Poster Session I	Decellularised matrices	Challenges and pitfalls for determination of DNA content in decellularized skeletal muscle tissue	Charlot Philips	Belgium
PP-061	Poster Session I	Nanomaterials (inc graphene)	Cisplatin Loaded Graphene Oxide Nanoplatfoms to Enhance Drug Delivery in Anticancer Therapy	Arianna Rossi	Italy
PP-062	Poster Session I	Nanomaterials (inc graphene)	Graphene Oxide affects the Epithelial Mesenchymal Transition and immunomodulatory properties of Amniotic Epithelial Stem Cells	Adrián Cerveró Varona	Italy
PP-063	Poster Session I	Nanomaterials (inc graphene)	Magnetoliposomes for intraarticular delivery of ascorbic acid and dexamethasone	Cameila Mihaela Danceanu	Romania

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-064	Poster Session I	Nanomaterials (inc graphene)	Fabrication of Anodized Zirconia Dental Implants towards Enhanced Bioactivity	Divya Chopra	Australia
PP-065	Poster Session I	Electroactive materials	Dopamine functionalized PANi/SF/PCL based electroactive bilayer fiber substrate for enhanced Osteogenesis	Ragavi Rajasekaran	India
PP-066	Poster Session I	Composite materials	Additive Manufacturing of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate)-Based Composites for Bone Regeneration	Gianni Pecorini	Italy
PP-067	Poster Session I	Composite materials	A hierarchical multifunctional composite scaffold for bone applications: metal additive manufacturing meets tissue engineering	Simone Murchio	Italy
PP-068	Poster Session I	Composite materials	Novel Piezoelectric and Osteoinductive Electrospun Nanofibers for Bone Tissue Engineering	João C. Silva	Portugal
PP-069	Poster Session I	Drug delivery	PLGA-carriers for Growth Factor Sustained Delivery within a bioplotted 3D collagen matrix promoted in vitro chondrogenesis of hBM-MSCs	Giovanna Della Porta	Italy
PP-070	Poster Session I	Drug delivery	Quantitative Assessment of the Comparative NP-Uptake Efficiency in a range of biological fluids	Tiago Dos Santos	Portugal
PP-071	Poster Session I	3D printing and bioprinting	Utilisation of Design of Experiment to Optimise Hydrogel Composition for use in Tissue Engineering	Alice Emily Upton	United Kingdom
PP-072	Poster Session I	3D printing and bioprinting	Modelling a dynamic printability window: a different approach to printability assessment studies	Devid Maniglio	Italy
PP-073	Poster Session I	3D printing and bioprinting	Development of an advanced bio-fabrication platform for cartilaginous tissue regeneration	Fraser Shields	United Kingdom
PP-074	Poster Session I	3D printing and bioprinting	Development and characterization of 3D bioprinted intervertebral disc model	Catherine Le Visage	France
PP-075	Poster Session I	3D printing and bioprinting	Building a 3D printed osteocytic network by differentiation of primary human osteoblasts towards construction of a 3D printed in vitro bone model	Anne Bernhardt	Germany
PP-076	Poster Session I	3D printing and bioprinting	Continuous 3D printing of Gelatin/Oxidized Alginate scaffolds with gradient porosity for bone tissue regeneration applications	Fariza Mukasheva	Kazakhstan
PP-077	Poster Session I	3D printing and bioprinting	3D-Bioprinted GelMA Scaffold with ASCs and HUVECs for Engineering Vascularized Adipose Tissue	Chih Hsin Lin	Taiwan
PP-078	Poster Session I	3D printing and bioprinting	Gellan gum fluid gels as a suspension media for 3D bioprinting	Andrew R McCormack	United Kingdom
PP-079	Poster Session I	3D printing and bioprinting	Functional outcomes of bio 3D nerve conduit transplantation for peripheral nerve injury	Tomoki Aoyama	Japan
PP-080	Poster Session I	3D printing and bioprinting	Manuka Honey-enriched photocurable gellan gum for biofabrication of articular cartilage constructs	Annachiara Scalzone	Italy
PP-081	Poster Session I	3D printing and bioprinting	3D bioprinted neural construct for the in vitro modeling of spinal cord	Cecilia Traldi	Italy
PP-082	Poster Session I	3D printing and bioprinting	3D bioprinted constructs comprising gellan gum/PVA bioinks enriched with nanohydroxyapatite for bone tissue regeneration	Maria Chatzinikolaïdou	Greece
PP-083	Poster Session I	3D printing and bioprinting	Micro-IAlver: Artificial intelligence-powered drug screening platform for 3D-bioprinted human liver microspheres	Francesco De Chiara	Spain
PP-084	Poster Session I	3D printing and bioprinting	Parameters Optimization of a Collagen-based Scaffold Loaded with Nanocarriers For Growth Factor Controlled Delivery and Bioengineered with Human Stem Cells	Giacomo Cortella	Italy
PP-085	Poster Session I	3D printing and bioprinting	Development of a Polyplexes-based miRNA Delivery System in a 3D-Bioplotted Osteoarthritis Cellular Model	Giacomo Cortella	Italy
PP-086	Poster Session I	3D printing and bioprinting	High-fidelity 3D bioprinting of mechanically stable cell-laden scaffolds for bone tissue engineering	Ahmer Shehzad	Kazakhstan
PP-087	Poster Session I	3D printing and bioprinting	Extrusion-based 3D bioprinting from bench to bedside applications in bone tissue engineering using platelet rich plasma and scaffolding materials	Dongxu Ke	United States
PP-088	Poster Session I	3D printing and bioprinting	Microfluidic-based 3D bioprinting for fabrication of helical fibres	Amirpasha Moetazedian	United Kingdom
PP-089	Poster Session I	3D printing and bioprinting	Tunicate nanocellulose hydrogels for tissue bioengineering: cytotoxicity, inflammation and in vivo biocompatibility assessments.	Eric Thompson	Norway
PP-090	Poster Session I	3D printing and bioprinting	Bioprinted 3D embryo implantation model	Tali Tavor Reem	Israel
PP-091	Poster Session I	3D printing and bioprinting	Improved alginate bio ink by recombinant spider-silk inspired-biopolymer	Tali Tavor Reem	Israel
PP-092	Poster Session I	Biofabrication	Atmospheric pressure plasma-assisted electrospinning of bead-free honeycomb-patterned nanofibers for the ultimate generation of microvascular networks	Rouba Ghobeira	Belgium
PP-093	Poster Session I	Biofabrication	Developing Hierarchical Biomimetic Scaffolds of the Human Trabecular Meshwork	Devon J Crouch	United Kingdom

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-094	Poster Session I	Biofabrication	Physiological mechanical testing and in-vivo mechanical behaviour to inform the production of biomimetic tissue engineered ligaments	Elisa Roldan	United Kingdom
PP-095	Poster Session I	Biofabrication	Optimization of manufacturing parameters through machine learning techniques to create biomimetic vascular implants	Elisa Roldan	United Kingdom
PP-096	Poster Session I	Biofabrication	Stem Cell-Derived Secretome and its regenerative potential in tissue engineering protocols	Ingrid Garzon	Spain
PP-097	Poster Session I	Translation and commercialisation (inc. clinical trials and regulatory approval)	BIOCLEFT: a regenerative approach to cleft palate treatment	Ingrid Garzon	Spain
PP-098	Poster Session I	Biofabrication	Towards cocultures with photosynthetically active microalgae: the effect of light on mammalian cells	Anja Lode	Germany
PP-099	Poster Session I	Biofabrication	Biofabricated wet-spun core-shell hydrogel fibers for microvascular tissue engineering	Alessia Paradiso	Poland
PP-100	Poster Session I	Biofabrication	Multiscale melt-electrowritten PCL constructs mimicking the architecture of native cartilage	Alessio Amicone	Switzerland
PP-101	Poster Session I	Biofabrication	Effect of alkaline treatment on PCL scaffold wettability: Impact of surface-to-volume ratio	Elisa Gabriela Bissacco	Switzerland
PP-102	Poster Session I	Additive manufacturing	Tuning the location and concentration of surface-installed click type functional groups on additive manufactured constructs for osteochondral regeneration	Lorenzo Moroni	Netherlands
PP-103	Poster Session I	Additive manufacturing	3D printed foamed scaffolds for tissue engineering	Claudio Esposito	Italy
PP-104	Poster Session I	Additive manufacturing	Microcarriers Fabricated by Two-Photon Lithography for Expansion of Mesenchymal Stem Cells	Jason Hutchinson	United Kingdom
PP-105	Poster Session I	Additive manufacturing	Additive manufactured polyether-ether-ketone implants for orthopaedic applications and the promotion of integration of bone and soft tissue	Changning Sun	China
PP-106	Poster Session I	Additive manufacturing	Computational Modelling and Topology Optimisation of Additive Manufactured Bone Plates for Long Bone Fractures	Emily Jayne Powell	United Kingdom
PP-107	Poster Session I	Fibre technology	Textile based electrospun PCL-PLA core-sheath nanofiber yarn scaffolds for tubular tissue applications	Anna Doersam	United Kingdom
PP-108	Poster Session I	Fibre technology	Studying cellular integration within tubular electrospun scaffolds	Ali Babaie	United Kingdom
PP-109	Poster Session I	Fibre technology	A Novel High Porous PCL Wet-electrospun Bionic Matrix Mimic Cartilage Renew in Vitro	Haoyu Wang	United Kingdom
PP-110	Poster Session I	Fibre technology	core-shell rifampicin-loaded electrospun polycaprolactone membranes coated with silver nanoparticles for tissue engineering applications	Luigi Musciacchio	Italy
PP-111	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	New 3D models of breast tissue to understand the role of stiffness and physico-chemical properties on breast cancer cell stemness	Annalisa Tirella	Italy
PP-112	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	A 3D Organotypic "ex vivo" Bone Marrow Slice Culture Model to Investigate Cell Responses to Bacterial Infection	Alastair J Sloan	Australia
PP-113	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Lumen-based microfluidics for cancer-on-chip devices	Mohammad Jouybar	Netherlands
PP-114	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	PDAC-on-chip: modeling the stromal and pancreatic cancer cells crosstalk in vitro	Chiara Tonda Turo	Italy
PP-115	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	A novel organ-on-chip-based in vitro approach for co-culturing 3D human cancer tissues and circulating capillary flow-driven immune cells for more predictive drug testing and human disease modeling	Silvia Scaglione	Italy
PP-116	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	TTOP perfusion system: a modular dynamic MicroPhysiological device for compartmentalized, continuously perfused and optically accessible cultures of tissue barriers	Lorenzo Pietro Coppadoro	Italy
PP-117	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Combining Computational Analysis with Organ-on-a-chip Intestine Model	Ibrahim Erbay	Ireland
PP-118	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	A novel ex-vivo model for studies of lung tissue repair	Charlotte Hannah Dean	United Kingdom
PP-119	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Compartmentalized Chip for Improved Formation of Human Cardiac Spheroids Using Simulated Microgravity	Emil Rehnberg	Belgium

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-120	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Modeling the cellular diversity of the human heart in engineered heart tissue	Kinga Maria Wrona	Germany
PP-121	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Using an Ex Vivo Rat Aortic Ring Assay to Assess the Angiogenic Capacity of Adipose Derived Substrates	Jared Ethan Mcsweeney	United Kingdom
PP-122	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Highly scalable and automation-compatible organ-on-chip platform	Sebastien Mosser	Finland
PP-123	Poster Session I	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Advancing the knowledge in Polycystic Kidney Disease (PKD) using organoids as a personalized medicine platform	Marta Alves Da Silva	Portugal
PP-124	Poster Session I	Disease models	Development of a novel human Type 1 Diabetic 3D disease model for Diabetic wounds, mimicking in vivo niche	Martha Patricia Perez Gonzalez	United Kingdom
PP-125	Poster Session I	Disease models	Generation of Multicellular, Immunocompetent, 3D Liver Organoids Using Human Induced Pluripotent Stem Cells to Model NAFLD	Fatma Betul Ayanoglu Ozturk	United Kingdom
PP-126	Poster Session I	Disease models	Creating a 3D Human Engineered Heart Tissue Fibrosis Model – Technical Perspectives	Aaltje Maria Stella Vermeer Stoter	Germany
PP-127	Poster Session I	Disease models	Composite 3D human cardiac minitissues are a representative model of anthracycline cardiotoxicity	Andrea Sanchez Bueno	Spain
PP-128	Poster Session I	Disease models	Development of silk fibroin-based tri-culture 3D in vitro model of breast cancer for high throughput anticancer drug screening	Ashutosh Bandyopadhyay	India
PP-129	Poster Session I	In vitro microenvironments	Perfusion bioreactor based 3D printed in vitro liver model for drug screening applications	Ashutosh Bandyopadhyay	India
PP-130	Poster Session I	In vitro microenvironments	Engineering Biomimetic Three-Dimensional Microvascular Microenvironments For Use Within Organ-On-A-Chip Platforms	Ellen E Slay	United Kingdom
PP-131	Poster Session I	In vitro microenvironments	Modulation of macrophage polarization induced "in vitro" by 3D micro scaffolds	Chiara Martinelli	Italy
PP-132	Poster Session I	In vitro microenvironments	Effect of Biomimetic Substrates and Extracellular Matrix Proteins on the Culturing, Activation and Differentiation of Skeletal Muscle Satellite Cells	Aryako Rahimi	United Kingdom
PP-133	Poster Session I	In vitro microenvironments	Co-assembling 3D in vitro models to improve personalized cancer treatments	Magda Martinez Espuga	United Kingdom
PP-134	Poster Session I	Interfaces - engineered	Selectively-Coated Microfibre as High-Aspect-Ratio Flexible Organic Electrochemical Transistors for Biointerface Applications	Yaqi Sheng	United Kingdom
PP-135	Poster Session I	Interfaces - engineered	Developing a Porcine Ex-Vivo Living Limb System to Investigate the Bidirectional Control of Advanced Prostheses	Kavit Amin	United Kingdom
PP-136	Poster Session I	In vivo and animal models	From Preclinical to Clinical Translation of Intervertebral Disc Cell-based Regeneration - Effects of Species-Specific Scale, Metabolism and Matrix Synthesis Rates	Emily E McDonnell	Ireland
PP-137	Poster Session I	In vivo and animal models	Comparison of different nanofiber scaffolds effects on bone regeneration of calvaria defect in a Wistar rat model _Importance of porosity	Fanny Gimie	France
PP-138	Poster Session I	In vivo and animal models	Design and prototyping of a synthetic eggshell for the ex ovo engineering of frontier models of microvascular physiopathology and advanced therapeutics	Claudio Conci	Italy
PP-139	Poster Session I	Imaging - advanced	Elemental features and ECM remodelling in lung fibrosis pathology: news from the nanoscale	Bryan Falcones	Sweden
PP-140	Poster Session I	Imaging - advanced	Application of Large Area Mapping AFM for Automated Structural and Mechanical Analysis of Developing Cells and Tissues	Torsten Müller	Germany
PP-141	Poster Session I	Biomechanics, biophysical stimuli and mechanotransduction	Tissue engineered tendon: A 'universal' (multi-platform) 3D printed tensile bioreactor chamber for cyclic strain enables multimodal analysis of collagen isoform composition and fibril architecture	James R Henstock	United Kingdom
PP-142	Poster Session I	Biomechanics, biophysical stimuli and mechanotransduction	Extracellular matrix coding and reading: alterations under compromised conditions and consequences for cell behaviour in tissue regeneration	Rebecca Günther	Germany
PP-143	Poster Session I	Biomechanics, biophysical stimuli and mechanotransduction	Best practices for characterising the Mechanical Properties of Native Tissues and In Vivo Mechanical Stimulation	Muhammad Haris	Germany
PP-144	Poster Session I	Stem cells - general	Healing-promoting effects of mesenchymal stem cells	Kristina Nešporová	Czech Republic

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-145	Poster Session I	Stem cells - general	Investigating the complement system effect on Mesenchymal stromal cells and using a biomaterial delivery tool for improving the bone and cartilage regeneration	Jehan J El Jawhari	United Kingdom
PP-146	Poster Session I	Stem cells - general	Induction of PLXNA4 gene during neural differentiation in human umbilical cord-derived mesenchymal stem cells by low intensity sub-sonic vibration	Hyunjin Cho	South Korea
PP-147	Poster Session I	Embryonic stem cells	Investigating the Role of NF-κB in Tendinopathy Using Equine Embryonic Stem Cells	Emily Josephine Smith	United Kingdom
PP-148	Poster Session I	Multipotent (mesenchymal) stem cells	Improving analysis of human induced mesenchymal stromal cells during chondrogenic differentiation through encapsulation in single cell microgels	Mathew Nickel	Netherlands
PP-149	Poster Session I	Multipotent (mesenchymal) stem cells	Pectin microneedle array patch for the delivery of therapeutic cells for brain injury	Ami Nash	United Kingdom
PP-150	Poster Session I	Multipotent (mesenchymal) stem cells	Ovine Adipose derived Stem Cells differently respond to distinct teno-inductive in vitro stimuli	Arlette Alina Haidar Montes	Italy
PP-152	Poster Session I	Multipotent (mesenchymal) stem cells	Evaluation of the senescence process of human mesenchymal stromal cells from older patients in in vitro culture	Pawel Dabrowski	Poland
PP-153	Poster Session I	Differentiation	Miniaturizing culture ware with SH-SY5Y cell line	Gulden Akcay	Netherlands
PP-154	Poster Session I	Differentiation	microRNAs during osteogenic differentiation: bipolarity or target preference?	Virginie Joris	Netherlands
PP-155	Poster Session I	Differentiation	Light Driven Control of Chondrogenic hPSC Differentiation in 3D	Cerys K Barclay	United Kingdom
PP-156	Poster Session I	Differentiation	Comparison of differentiation possibilities of Adipose Tissue-derived Mesenchymal Stromal/Stem Cells and progenitor Buccal Epithelial Cells towards porcine Urothelial Cells	Monika Anna Buhl	Poland
PP-157	Poster Session I	Musculoskeletal (inc ligament, tendon, muscle, etc)	Characterization of an injured enthesis: insights on the role of miRNAs in tendon fibrosis and ectopic ossification	Martijn van Griensven	Netherlands
PP-158	Poster Session I	Musculoskeletal (inc ligament, tendon, muscle, etc)	Designing an immunomodulatory, biomimetic ACL graft based on cellulose nanostructures	Matt Graham	United Kingdom
PP-159	Poster Session I	Musculoskeletal (inc ligament, tendon, muscle, etc)	Development of an in vitro musculoskeletal model using poly (glycerol sebacate methacrylate) (PGSM) polyHIPE-based 3D microporous scaffold encompassing regionally controlled mechanical properties	Meghna V. Suvarna	United Kingdom
PP-160	Poster Session I	Musculoskeletal (inc ligament, tendon, muscle, etc)	The Bio-Inductive Role of Decellularised Anterior Cruciate Ligament (ACL) Extracellular Matrix in a Polymer-Allogenic Tissue Hybrid Scaffold for Enhanced ACL Reconstruction	Dominic Andrew Williams	United Kingdom
PP-161	Poster Session I	Musculoskeletal (inc ligament, tendon, muscle, etc)	Mechanically stimulated 3D in vitro engineered striated muscle constructs	Andrés Felipe Zemanate Largo	Spain
PP-162	Poster Session I	Musculoskeletal (inc ligament, tendon, muscle, etc)	A 3D in vitro model assembled with stem cells from healthy and tendinopathic human tendons: applications and perspectives	Maria Camilla Ciardulli	Italy
PP-163	Poster Session I	Musculoskeletal (inc ligament, tendon, muscle, etc)	3D bioprinting of a macroscopic construct with piezoelectric nanoparticles for skeletal muscle tissue engineering applications	Federica Iberite	Italy
PP-164	Poster Session I	Bone and bone disorders (osteoporosis etc)	A Novel Parathyroid Hormone 1-34 Plasmid Gene Delivery System for Enhanced Bone Repair	Joanna M Sadowska	Ireland
PP-165	Poster Session I	Bone and bone disorders (osteoporosis etc)	In Vitro and In Vivo Characterization of Composite Electrospun Scaffolds with ICOS-Fc for Osteoporotic Fractures	Clarissa Tomasina	Netherlands
PP-166	Poster Session I	Bone and bone disorders (osteoporosis etc)	Exploring microgel technology for high-throughput formation of osteoclasts	Johanna Husch	Netherlands
PP-167	Poster Session I	Bone and bone disorders (osteoporosis etc)	Injectable collagen/calcium phosphate microparticles to reconstruct hard tissues	Camila Bussola Tovani	United Kingdom
PP-168	Poster Session I	Cartilage, joint and arthritic conditions	Treatment of cytokine-treated osteochondral plugs using Glucocorticoid and Hyaluronic acid in an ex vivo culture model	Christoph Bauer	Austria
PP-169	Poster Session I	Cartilage, joint and arthritic conditions	Osteochondral regeneration using multi-layered cryogel and chondrocyte-derived extracellular vesicles in a goat model	Aman Nikhil	India

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-170	Poster Session I	Cartilage, joint and arthritic conditions	In situ regeneration of nasal septal defects using acellular cartilage enhanced with platelet-derived growth factor	David Gvaramia	Germany
PP-171	Poster Session I	Cartilage, joint and arthritic conditions	Biotechnological unsulfated chondroitin features, alone and in combination with hyaluronic acid and PRP for tissue regeneration: in vitro model based on pathological joint derived human cells and stem cells	Chiara Schiraldi	Italy
PP-172	Poster Session I	Cartilage, joint and arthritic conditions	Prostaglandin E2 inhibits hypertrophy during mesenchymal stromal cell chondrogenesis	Sven Schmidt	Germany
PP-173	Poster Session I	Cartilage, joint and arthritic conditions	Rapid Evaporative Ionization Mass Spectrometry (REIMS) with diathermic knife as a potential diagnostic tool in cartilage defect and osteoarthritis patients	Berta Cillero-Pastor	Netherlands
PP-174	Poster Session I	Intervertebral disc, spine and their disorders	Direction Dependent Mass Transport Through the Cartilage Endplate	Ahmad Alminnawi	Belgium
PP-175	Poster Session I	Intervertebral disc, spine and their disorders	Macrophages for IVD hernia therapy	Susana G Santos	Portugal
PP-176	Poster Session I	Intervertebral disc, spine and their disorders	The potential of pre-conditioned human nasal chondrocytes for nucleus pulposus repair	Raphael Schmid	Switzerland
PP-177	Poster Session I	Intervertebral disc, spine and their disorders	In-Vitro and In-Silico Investigation of Dynamic Compression on Cartilage Endplate Cells in Agarose	Paola Bermudez Lekerika	Switzerland
PP-178	Poster Session I	Cancer	3D in vitro model of bladder cancer for evaluation of fluoroquinolones cytotoxic properties	Tomasz Kloskowski	Poland
PP-179	Poster Session I	Cancer	Fibrous 3D Scaffold for In Vitro Cancer Modelling	Aiste Pupiute	Lithuania
PP-180	Poster Session I	Cancer	Dynamic in vitro model of Ovarian Cancer	Aharon Shmuel Baskin	Israel
PP-181	Poster Session I	Cancer	Perfusion bioreactor as a perspective platform for rapid and personalised drug-testing on patient-derived prostate cancer tissue	Andrea Mazzoleni	Switzerland
PP-182	Poster Session I	Cancer	Perfusion-based 3D in vitro model to study the interaction between prostate cancer and endothelial cells in the bone metastatic niche	Andrea Mazzoleni	Switzerland
PP-183	Poster Session I	Nervous system (brain/central/peripheral, disorders)	A Novel Tissue Engineering Model for Urogynaecological Nerve Damage Using Electrospun Scaffolds	Kirstie Andrews	United Kingdom
PP-184	Poster Session I	Nervous system (brain/central/peripheral, disorders)	Magnetic stimulation of TREK1 regulates stress signalling and neuronal connectivity in SH-SY5Y cells	Michael Rotherham	United Kingdom
PP-185	Poster Session I	Nervous system (brain/central/peripheral, disorders)	Development of an "in vitro" model to study energy metabolism in Neural Stem derived cells, applications for Alzheimer Disease	Giorgia Cerqueni	Italy
PP-186	Poster Session I	Nervous system (brain/central/peripheral, disorders)	Biohybrid synapse with functional biomembranes: from in vitro neuronal interface to biomimetic organic neuromorphic device.	Chiara Ausilio	Italy
PP-187	Poster Session I	Nervous system (brain/central/peripheral, disorders)	Co-Culture of NGF cmRNA-transfected hMSCs and neuronal cells results in high levels of NGF and axonal outgrowth	Claire Polain	Netherlands
PP-188	Poster Session I	Biomaterials	Optimization of fibrin-agarose biomaterials for tissue engineering purposes	David Sanchez Porras	Spain
PP-189	Poster Session I	Biofabrication	Basal membrane molecules expression by Wharton's jelly stem cell-derived microtissues	David Sanchez Porras	Spain
PP-190	Poster Session I	Nervous system (brain/central/peripheral, disorders)	Functional and electromyographical recovery profile following 15-mm peripheral nerve repair using nerve guides, acellular nerve matrices and autografts	David Sanchez Porras	Spain
PP-191	Poster Session I	Eye	Generation of limbal crypts on decellularized sclerocorneal limbi for use in tissue engineering	David Sanchez Porras	Spain
PP-192	Poster Session I	Nervous system (brain/central/peripheral, disorders)	Spinal cord GAP-43 expression following peripheral nerve tubulization repair	Fernando Campos	Spain
PP-193	Poster Session I	Nervous system (brain/central/peripheral, disorders)	Ex vivo characterization of novel 3D-printed scaffolds for peripheral nerve tissue engineering applications	Fernando Campos	Spain
PP-194	Poster Session I	Eye	Generation of bioartificial scleral limbi for use in tissue engineering of the eye surface	Fernando Campos	Spain
PP-195	Poster Session I	Eye	Evaluation of epigenetic modifications in bioengineered human cornea substitutes generated by tissue engineering	Fernando Campos	Spain

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-196	Poster Session I	Eye	Characterization of the Extracellular Matrix in Bioengineered Orthotypical and Heterotypical Human Corneas	Cristina Blanco Elices	Spain
PP-197	Poster Session I	Education	Implementation and evaluation of a self-oriented learning model for the acquisition of tissue-engineered competences by medical students	Cristina Blanco Elices	Spain
PP-198	Poster Session I	Skin	Full-thickness human skin equivalents behave like wounds	Tanja Szikora	Austria
PP-199	Poster Session I	Skin	A wound setting method for 3-layered in vitro skin models with intact artificial basal lamina to investigate reepithelialization processes	Sophia Nowakowski	Germany
PP-200	Poster Session I	Skin	Degradation of a bovine collagen scaffold in a Human Bioengineered Skin transplanted on an athymic mouse model, tracked by LC-PRM.	Laurent Barnes	Switzerland
PP-201	Poster Session I	Skin	Role of Scaffold Porosity in Treating Deep Skin Loss Wounds: A Finite Element Model	Nauman Jalil	United Kingdom
PP-202	Poster Session I	Skin	A patient-centred microneedle patch for interstitial fluid sampling in scleroderma	Isobel Steer	United Kingdom
PP-203	Poster Session I	Other	Characterization of Extracellular Vesicles derived from preconditioned human Amniotic Membrane	Nefertiti Chaves Solano	Austria
PP-204	Poster Session I	Other	Development of a femtosecond near-infrared laser-based cutting device for cell-assembled extracellular matrix based tissue engineered vascular graft manufacturing process	Julien Vitry	France
PP-205	Poster Session I	Other	Tissue Engineering principles translated for Cultured Meat	Franziska B. Albrecht	Germany
PP-206	Poster Session I	Kidney	A three-dimensional glomerular millifluidic model to study lipid oxidation and extracellular vesicles turnover in idiopathic nephrotic syndrome	Federica Collino	Italy
PP-207	Poster Session I	Kidney	Modelling and Prevention of Acute Kidney Injury through Ischemia and Reperfusion in a Combined Human Renal Proximal Tubule/Blood Vessel-on-a-Chip	Naomi Westra	Netherlands
PP-208	Poster Session I	Cardiovascular	Ameliorating impaired cardiac function in myocardial infarction using exosome-loaded gallic-acid-containing polyurethane scaffolds coated with decellularized extracellular matrix	Ankita Das	India
PP-209	Poster Session I	Cardiovascular	Implantation of a Tissue-Engineered Vascular Graft, Made of Cell-Assembled Extracellular Matrix and Produced with a Textile-Inspired Approach, in a Clinically Relevant Setting	Fabien Kawecki	France
PP-210	Poster Session I	Cardiovascular	Bioactive Injectable Hydrogel for the in Situ Release of Surface-Modified Lipoplexes for Cardiac Regeneration via microRNA therapy	Letizia Nicoletti	Italy
PP-211	Poster Session I	Cardiovascular	Role of Perfusion in the Generation of Stromal Vascular Fraction-Based Patches with Angiogenic Potential	Giulia Milan	Switzerland
PP-212	Poster Session I	Vascular systems, vascularisation and heart	Fabrication of multilayered tissue-engineered vascular grafts with aligned smooth muscle and endothelial cells	Hazem Alkazemi	Australia
PP-213	Poster Session I	Vascular systems, vascularisation and heart	Induced Pluripotent Stem Cell (iPSC)-Derived Secretome as a Cell-Free Therapy to Improve Angiogenic Function in Hypoxia-Injured iPSC-Endothelial Cells	Michelle van Holten	Netherlands
PP-214	Poster Session I	Vascular systems, vascularisation and heart	Artificial small-diameter blood vessel with enhanced endothelialisation properties	Nicolas Marinval	Singapore
PP-215	Poster Session I	Vascular systems, vascularisation and heart	Dynamics of sprouting vascular networks: from growth monitoring to general growth rules	Jan Guzowski	Poland
PP-216	Poster Session I	Immunity, immunomodulation, macrophage	The impact of flexible polycaprolactone scaffolds with hierarchical multiscale porosity on dendritic cells	Nora Marek	Norway
PP-217	Poster Session I	Immunity, immunomodulation, macrophage	The role of monocyte-derived macrophages as endothelial progenitors in endothelial injury	Dina Ibrahim	Netherlands
PP-218	Poster Session I	Immunity, immunomodulation, macrophage	Local immune response to stem cell-based bone regeneration in a rat osteoporotic model	Natalia Fiesco Arango	Norway
PP-219	Poster Session I	Immunity, immunomodulation, macrophage	Precision vehicles for combined targeted drug delivery and cellular reprogramming	Manuela E. Gomes	Portugal
PP-220	Poster Session I	Infection	Improved absorption capacity of allografts for antibiotic loading	Britt Wildemann	Germany

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-221	Poster Session I	Infection	Antimicrobial coating for orthopedic implants using covalent immobilization of peptides	Mohadeseh Zare	United Kingdom
PP-222	Poster Session I	Infection	Silver Nanoparticle Generation to address Implant Infection Rates in Auricular Implants.	Joseph Thomas Lynch	United Kingdom
PP-223	Poster Session I	Wound healing	Modelling in vitro three-dimensional tendon wound healing with equine adult, foetal and embryonic stem cell-derived tenocytes	Ross Beaumont	United Kingdom
PP-224	Poster Session I	Wound healing	Electrical stimulation for wound healing - More than skin deep	Miruna Verdes	United Kingdom
PP-225	Poster Session I	Wound healing	Bacteriophages and Mesenchymal Stem Cells/Aggregates in/on Gelatine Microspheres for Infected Wound Healing	Farzaneh Moghtader	Türkiye
PP-226	Poster Session I	Wound healing	Platelet-rich fibrin prevents the toxicity of Pamidronate on oral fibroblasts	Krit Rattanawonsakul	United Kingdom
PP-227	Poster Session I	Wound healing	Antimicrobial peptide-modified bacterial cellulose-silver nanoparticles composite wound dressing for treatment of wound infections	Wasihun Bekele Kebede	Sweden
PP-228	Poster Session I	Wound healing	Magnesium Hydroxide Nanoparticles Modified collagen/silk fibroin composite scaffold for infected wound healing	Shaotang Xiong	China
PP-229	Poster Session I	Wound healing	Enhanced Antimicrobial Properties of Scaffolds for Wound Healing Applications	Seda Ceylan	Türkiye
PP-230	Poster Session I	Extracellular vesicles	Melt-electrowritten fiber-reinforced hydrogels for sustained release of human induced pluripotent stem cell-derived extracellular vesicles towards cell-free neovascularization	Gerardo Cedillo Servin	Netherlands
PP-231	Poster Session I	Gene therapy	Enhanced and localized pressure-mediated non-viral gene delivery	James E Dixon	United Kingdom
PP-232	Poster Session I	Gene therapy	Next Generation Phage Display for Brain Cancer Specific Non-Viral Gene Delivery	Derek Thomas Hardie	United Kingdom
PP-233	Poster Session I	Gene therapy	Development of Regulated Gene Vector to Restore MeCP2 Activity to Treat Rett Syndrome	Saqer Alarifi	United Kingdom
PP-234	Poster Session I	Biologics and growth factors	Identification and rational design of glial cell line-derived neurotrophic factor (GDNF) peptide mimetics	Emily A Atkinson	United Kingdom
PP-235	Poster Session I	Biologics and growth factors	Co-cultivation of bone progenitor cells to analyze the effect of BMP-2 on bone remodeling processes	Lena Christin Ingwersen	Germany
PP-236	Poster Session I	Biologics and growth factors	Proteomic characterisation of equine platelet rich plasma and their extracellular vesicles	Emily J Clarke	United Kingdom
PP-237	Poster Session I	Cell therapy	Data analysis for stereotype morphology for robust evaluation of MSCs	Kazue Kimura	Japan
PP-238	Poster Session I	Cell therapy	Clinical-use Cryopreservation Medium	Tomáš Prát	Czech Republic
PP-239	Poster Session I	Cell therapy	Development of Cell Therapies For Liver Disease: An Experimental Flow Model To Optimise Cell Delivery	Melissa Rebelo Vieira	United Kingdom
PP-240	Poster Session I	Advanced therapy medicinal products	Novel Bioactive Calcium Phosphate based endodontic cements with added Hydroxyapatite nanoparticles and antibacterial agent ϵ -Polylysine	Walid M Elkateb	United Kingdom
PP-241	Poster Session I	Advanced therapy medicinal products	A combination therapy for the treatment of obesity and obesity-related metabolic disorders	Xiuhua Zheng	Hong Kong
PP-242	Poster Session I	Advanced therapy medicinal products	Autologous 3D neural implants for Spinal Cord Injury	Tamar Ben Mordechai	Israel
PP-243	Poster Session I	Bioreactors	Electrochemical Analysis of In Vitro Electrical Stimulation	María Ujué González	Spain
PP-244	Poster Session I	Bioreactors	In vitro advanced model to investigate in situ biomechanisms of industrialized electrospun vascular prosthesis	Elia Pederzani	Italy
PP-245	Poster Session I	Bioreactors	Development of high-throughput bioengineered platforms for real-time assessment of musculoskeletal rehabilitation	Pablo Marco Garrido	United Kingdom
PP-246	Poster Session I	Bioreactors	Industrializing 3D organ-on-a-chip: the development of a bioreactor for organoid mass production	Leandra Santos Baptista	Brazil
PP-247	Poster Session I	Bioreactors	Design and optimisation of a novel fluidised bed bioreactor for the expansion of erythroid progenitor cells	David Phillips	United Kingdom
PP-248	Poster Session I	Veterinary	Developing equine liver organoids for nutritional studies and (metabolic) disease modeling	Louis C Penning	Netherlands
PP-249	Poster Session I	Veterinary	Effects of resveratrol and its analogues on the cell cycle of equine mesenchymal stem/stromal cells	Norihisa Tamura	Japan
PP-250	Poster Session I	Veterinary	A marine-derived collagen-based skin substitute for skin regeneration: a preliminary study	Luca Melotti	Italy
PP-251	Poster Session I	Veterinary	Platelet lysate does not exert anti-inflammatory effect on monoiodoacetic acid-induced equine persistent synovitis	Kentaro Fukuda	Japan
PP-252	Poster Session I	Veterinary	Donor-dependent proteome variation in equine platelet-rich plasma	Agnieszka J Turlo	United Kingdom

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-253	Poster Session II	Biomaterials	Electrospun Collagen Scaffold Bio-Functionalized with Recombinant ICOS-Fc: An Advanced Approach to Promote Bone Remodelling	Priscila Melo	United Kingdom
PP-254	Poster Session II	Biomaterials	Incorporating Strontium enriched amorphous calcium phosphate microparticles in collagen/Magnesium-hydroxyapatite osteochondral scaffold improves subchondral bone repair	Jietao Xu	Netherlands
PP-255	Poster Session II	Biomaterials	3D printed hybrid for articular cartilage regeneration: from design to (in vivo) studies	Agathe Heyraud	United Kingdom
PP-256	Poster Session II	Biomaterials	Synthetic Collagen Peptides for Investigating the Role of Specific Cell Adhesion Interactions in 3D Biomaterials	Ian P Smith	United Kingdom
PP-257	Poster Session II	Biomaterials	Peptide hydrogels for 3D hepatocyte encapsulation and function	Yu Xin	United Kingdom
PP-258	Poster Session II	Biomaterials	Tissue constructs with Mesenchymal stromal cells and TGF- β 3 encapsulating scaffolds with potential use in skin wound repair.	Liliana Andrea Lizarazo	Colombia
PP-259	Poster Session II	Biomaterials	Mechano-Hybrid-Scaffolds for endochondral healing of bone defects	Aaron Herrera	Germany
PP-260	Poster Session II	Biomaterials	Testing of Polyhydroxyalkanoate films for breast cancer models	Sankaranarayanan Sivakumar	Germany
PP-261	Poster Session II	Biomaterials	Porous Ca-P/PLA Composite Modified with Alendronate Exhibits Enhanced Potential for Bone Tissue Regeneration	Monika Biernat	Poland
PP-262	Poster Session II	Biomaterials	How to create the ideal GelMA formulations for specific applications	Jan Philip Zegwaart	Belgium
PP-263	Poster Session II	Biomaterials	The development of a responsive supported lipid bilayer coating to prevent uncemented joint replacement infections	Liana Azizova	United Kingdom
PP-264	Poster Session II	Biomaterials	Analysis of particle recognition and uptake by osteoblasts following short-time exposure to metallic particles	Marie Luise Sellin	Germany
PP-265	Poster Session II	Biomaterials	3D printed bone grafts: Toughness enhancement utilizing PCL-based additives	Tina Gurmman	Austria
PP-266	Poster Session II	Biomaterials	Designing a Peptide Hydrogel for Cancer Early Detection	Niall Mahon	United Kingdom
PP-267	Poster Session II	Biomaterials	Enzyme-Responsive Hydrogels As Skeletal Muscle Implants	Kavya Ganabady	United Kingdom
PP-268	Poster Session II	Biomaterials	Porous poly(glycerol sebacate) methacrylate nerve guidance conduits for peripheral nerve regeneration	Louis Dexter Valentine Johnson	United Kingdom
PP-269	Poster Session II	Biomaterials	Endogenous Protease Mediated Release Of Engineered Extracellular Vesicles	Kasey Leung	United States
PP-270	Poster Session II	Biomaterials	Porous Poly(glycerol sebacate)-methacrylate Scaffolds For Adipose Tissue Engineering	Rachel Louise Furmidge	United Kingdom
PP-271	Poster Session II	Biomaterials	Biomimetic mineralization of novel graphene oxide functionalized gelatin methacryloyl microgel for in situ bone defect repair	Ximing Peng	China
PP-272	Poster Session II	Biomaterials	Graphene Oxide-coated Titanium Alloys for Bone Tissue Regeneration	Harry Lord-Moulding	United Kingdom
PP-273	Poster Session II	Biomaterials	Fabrication and Characterisation of Monomeric Type I Collagen Scaffolds as Tissue Engineering Heart Valve	Zhaoying Ma	United Kingdom
PP-274	Poster Session II	Biomaterials	Determination of changes in the physicochemical properties of dressing biomaterials that lead to different protein adsorption	Shirin Saberinpour	United Kingdom
PP-275	Poster Session II	Biomaterials	Spectroscopic modalities for detection of biomaterial degradation through macrophage activation	Ying Yang	United Kingdom
PP-276	Poster Session II	Biomaterials	Insight on the antibacterial potential of Cu-doped sol-gel coatings: a proteomic approach	Isabel Goñi	Spain
PP-277	Poster Session II	Biomaterials	Evaluation of the physical, mechanical and biological properties of a novel biomedical hydrogel: implication for gingival-based and oral healthcare applications	Zainab Muhi Alfatlawi	United Kingdom
PP-278	Poster Session II	Biomaterials	3D Printing of Fibrous Biomaterials with Controlled Architectures for Peripheral Nerve Repair	Tugdual Haffner	Ireland
PP-279	Poster Session II	Biomaterials	Biocompatible collagen-based scaffolds loaded with mesenchymal stem cells for the regeneration of ligament to bone enthesis	Ilayda Mellissa Karadag	United Kingdom
PP-280	Poster Session II	Biomaterials	Customisation of GelMA hydrogel fabrication for muscle repair and regeneration	Mohammad Bandar Aljaber	United Kingdom
PP-281	Poster Session II	Biomaterials	Decellularized Human Adipose Tissue as an Alternative Graft Material for Bone Regeneration	Hyonseok Jang	South Korea
PP-282	Poster Session II	Biomaterials	The synthesis, development and enhancement of a P(3HB-co-4HB)-bioactive glass-graphene composite for biomedical engineering applications	Nik Aliaa	United Kingdom
PP-283	Poster Session II	Biomaterials	Evaluation of Mucilage as a Plant Secret for the Production of Bioactive Tissue Engineered Scaffolds	Didem Demir	Türkiye

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-284	Poster Session II	Biomaterials	Use Of Peptide Hydrogels (PeptiGels®) As A Matrigel® Full Or Partial Replacement For Scaling Up Production Of Colorectal Cancer (CRC) Organoids	Katie Little	United Kingdom
PP-285	Poster Session II	Biomaterials	Jellyfish collagen filled Titanium matrix for large bone defect repair	Chaozong Liu	United Kingdom
PP-286	Poster Session II	Biomaterials	Bioresorbable Phosphate-based Glass Fibres for Wound Healing Applications	Agron Hoxha	United Kingdom
PP-287	Poster Session II	Biomaterials	Biomaterials Based on the Extracellular Matrix as the Future of Tissue Engineering. Is There an Upper Limit on the dECM Content in Bioprinting Tissue?	Marta Klak	Poland
PP-288	Poster Session II	Biomaterials	In vitro biocompatible 3D marine-based scaffolds using jellyfish collagen or squid chitosan as matrices and squid chitin nanocrystals as nanofillers	Sheila Olza	Spain
PP-289	Poster Session II	Biomaterials	In-vitro Studies of 2D Orthopaedic Implants with Cell Instructive Nanotopographies	Rosalía Cuahtecontzi Delint	United Kingdom
PP-290	Poster Session II	Biomaterials	Biomaterials for cell desiccation and storage: a feasibility and biocompatibility assessment for in vivo translation	Lady Barrios Silva	United Kingdom
PP-291	Poster Session II	Biomaterials	Multifunctional antibacterial keratin-polycaprolactone based electrospun nanofiber dressing for skin tissue engineering application	Krishna Dixit	India
PP-292	Poster Session II	Biomaterials	Multifunctional Gallium Doped Bioactive Glasses: a targeted delivery for antineoplastic agents and tissue repair against osteosarcoma	Shirin Hanaei	United Kingdom
PP-293	Poster Session II	Biomaterials	Sonic micro-fragmentation exposes extracellular matrix components to increase the osteogenic potential of human decellularized bone tissue	Alessio Bucciarelli	Italy
PP-294	Poster Session II	Biomaterials	Progressively Self-Stiffening Hydrogels for Tissue Engineering	Bapan Pramanik	United Kingdom
PP-295	Poster Session II	Biomaterials	In vitro biological activity of stront-doped bioglass for multifunctional chitosan composites	Lidia Ciotek	Poland
PP-296	Poster Session II	Hydrogels and injectable systems	Silk Based Photocrosslinkable Growth Factor Laden Injectable Hydrogel for Meniscus Defects	Ashutosh Bandyopadhyay	India
PP-297	Poster Session II	Skin	Silk based 3D printed human skin model for high-throughput screening of topical formulations	Ashutosh Bandyopadhyay	India
PP-298	Poster Session II	Hydrogels and injectable systems	Optimization of the hydrogel injectability for the pain-minimized administration	Michael Gasik	Finland
PP-299	Poster Session II	Hydrogels and injectable systems	Antimicrobial hyaluronan based hydrogels for anastomotic leak prevention	Martin Pravda	Czech Republic
PP-300	Poster Session II	Hydrogels and injectable systems	Microencapsulation of mesenchymal stem cells in covalent hydrogel for cell therapy	Catherine Le Visage	France
PP-301	Poster Session II	Hydrogels and injectable systems	Immediately implantable graphene oxide-laden glycol chitosan / hyaluronic acid based hydrogels for in situ bone therapy	Sangjin Lee	Hong Kong
PP-302	Poster Session II	Hydrogels and injectable systems	Silk fibroin/hyaluronic acid-based hydrogels: a 3D printable hydrogel for vocal fold tissue engineering	Sara Nejati	Canada
PP-303	Poster Session II	Hydrogels and injectable systems	3D Microenvironments of gelatin and elastin like recombinamers for the culture of hepatic cells	Raquel Naranjo Alcázar	Spain
PP-304	Poster Session II	Hydrogels and injectable systems	Characterization of Collagen I, II, and III Blended Hydrogel Polymerization Kinetics for Tissue Engineering Applications	Paulina M. Babiak	United States
PP-305	Poster Session II	Hydrogels and injectable systems	Injectable hydrogel composites based on hydroxyapatite, epsilon-polylysine and hyaluronic acid for bone regeneration	Kristine Salma Ancane	Latvia
PP-306	Poster Session II	Decellularised matrices	An adipose derived decellularised extracellular matrix as a biomaterial for tissue engineering of soft tissue	Li Yenn Yong	United Kingdom
PP-307	Poster Session II	Decellularised matrices	Characterization and repopulation of decellularized porcine caval vein	Maria Stefania Massaro	Czech Republic
PP-308	Poster Session II	Decellularised matrices	Tumor derived extracellular matrix allows the creation of a patient-personalized in vitro tumor	Marta Santolini	Italy
PP-309	Poster Session II	Decellularised matrices	Artificial intelligence biosensing approaches for evaluating the effectiveness of corneal decellularization	Peter R Corridon	United Arab Emirates
PP-310	Poster Session II	Decellularised matrices	Biological and mechanical characterization of a decellularized porcine esophageal matrix	Lesieur Romane	France
PP-312	Poster Session II	Nanomaterials (inc graphene)	The importance of the choice of dissolution media for monitoring drug release: case study with modified-hyaluronan nanofibers	Lenka Bardoňová	Czech Republic
PP-313	Poster Session II	Nanomaterials (inc graphene)	Mucoadhesive nanomaterials – Composition and size matters	Miroslava Rysová	Czech Republic
PP-314	Poster Session II	Nanomaterials (inc graphene)	Defined Nanofiber Scaffolds Modulate Human Gingival Keratinocyte Behavior	Imke Ramminger	Germany

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-315	Poster Session II	Nanomaterials (inc graphene)	In vitro cytotoxicity of metallic nanoparticles towards macrophages	Tânia Vieira	Portugal
PP-317	Poster Session II	Electroactive materials	Enhanced skeletal muscle cell response on dynamically stimulated electroactive scaffolds	Sylvie Ribeiro	Portugal
PP-319	Poster Session II	Electroactive materials	Electrically Conductive Biomaterials for the Preservation and Regeneration of Soft/Hard Tissue	Leah Pomfret	United Kingdom
PP-320	Poster Session II	Electroactive materials	Electrically conductive hydrogel loaded with PEDOT-Kartogenin nanoparticles for articular cartilage regeneration	João C. Silva	Portugal
PP-321	Poster Session II	Composite materials	Characterisation of Poly(3-hydroxybutyrate)/Graphene oxide (P(3HB)/GO) composite films for bone tissue engineering	Soponvit Larpnimitchai	United Kingdom
PP-322	Poster Session II	Composite materials	Nano black phosphorus/graphene oxide functionalized collagen scaffold with enhanced photo-thermal and biomimetic mineralization for in situ infectious bone repair	Xiangru Chen	China
PP-323	Poster Session II	Composite materials	Bacterial Cellulose and Its Blends for Bone Tissue Engineering	Zeming Cheng	United Kingdom
PP-324	Poster Session II	Ceramics	Magnesium Doped Bioactive Glass: an alternative to Copper Doped Bioactive Glass regarding Antibacterial properties	Ana Sofia Tomaz Teixeira Pádua	Portugal
PP-325	Poster Session II	Bioadhesives	Synthesis, characterization and processing as a fibrous scaffold of highly-bioadhesive polyurethane urea inspired by mussels	Giovanni Carlo Miceli	Italy
PP-326	Poster Session II	Bioadhesives	Adhesive and biodegradable membranes from marine origin raw materials for soft tissue engineering applications	Rui Luís Reis	Portugal
PP-327	Poster Session II	3D printing and bioprinting	Continuous Gradients Forming Bioprinted Devices: 3D, High Throughput, and Environmentally Conscient Precision Medicine	Rui Luís Reis	Portugal
PP-328	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Soft enzymatic-crosslinked silk fibroin hydrogel lab-on-a-chip for colorectal tumor model: a proof-of-concept	Rui Luís Reis	Portugal
PP-329	Poster Session II	Drug delivery	Manufacturing of multifunctional nanocarriers and their influence on osteosarcoma spheroids-based in vitro model	Piergiorgio Gentile	United Kingdom
PP-330	Poster Session II	Drug delivery	Enhancing the Reproducibility of Nanodroplets for Use in Oxygen delivery for Bone Repair	Kirsten E OBrien	United Kingdom
PP-331	Poster Session II	Drug delivery	Development and characterization of curcumin-loaded Food Grade secondary oil-in-water nanoemulsions and in vitro validation of digestion and muco-adhesion properties through INFOGEST protocol and gut-on-chip technology	Raffaele Crispino	Italy
PP-332	Poster Session II	Drug delivery	Microfluidic Development of Microparticles	Krishna Patel	United Kingdom
PP-333	Poster Session II	3D printing and bioprinting	The effects of morphology and composition in electrospun scaffold for vascular tissue engineering applications	Anthony Callanan	United Kingdom
PP-334	Poster Session II	3D printing and bioprinting	From low-viscosity materials to nanocomposite inks: a universal strategy for 3D printing applications	Rita Sobreiro Almeida	Portugal
PP-335	Poster Session II	3D printing and bioprinting	Designing dextran-based inks for visible light-assisted bioprinting of 3D cartilage tissue surrogates	Sophia A. Read	United Kingdom
PP-336	Poster Session II	3D printing and bioprinting	3D bioprinting of multi-layered aortic-like constructs with a new double-crosslinked decellularized ECM bioink	Federica Potere	Italy
PP-337	Poster Session II	3D printing and bioprinting	Sacrificial melt electrowriting creates tailored out-of-plane porosity	Madison Jade Ainsworth	Netherlands
PP-338	Poster Session II	3D printing and bioprinting	3D Printing Technology in Tendon Tissue Regeneration: Scaffolds for Tissue Reinforcement and Growth Factor Delivery	Sandra Ruiz Alonso	Spain
PP-339	Poster Session II	3D printing and bioprinting	Translating resolution: Altering micro-computed tomography outputs for 3D bio-printing	Lucy Dascombe	United Kingdom
PP-340	Poster Session II	3D printing and bioprinting	Co-Culture of Podocytes and Glomerular Endothelial Cells using Melt-Electrowriting – towards an in vitro glomerular filtration model	Sarah Duin	Germany
PP-341	Poster Session II	3D printing and bioprinting	3D-printed nanoengineered substrates to advance CAR-T cell production for application in immunotherapy	Morteza Aramesh	Sweden
PP-342	Poster Session II	3D printing and bioprinting	Printing into Matrigel: novel bioprinting techniques to create 3D models of pancreatic cancer	Laura M. Porcza	United Kingdom
PP-343	Poster Session II	3D printing and bioprinting	Developing 3D printing models of brain tumours	Rafael Ballesteros Cillero	United Kingdom
PP-344	Poster Session II	3D printing and bioprinting	3D Bioprinting Tissue Engineered Meniscal Constructs	Grace Mcdermott	United Kingdom
PP-345	Poster Session II	3D printing and bioprinting	Collagen-based bioinks for tissue engineering and in vitro models	Michela Licciardello	Italy
PP-346	Poster Session II	3D printing and bioprinting	4D bioprinting morphing tissue to sculpt cell and ECM alignment	Ankita Pramanick	Ireland
PP-347	Poster Session II	3D printing and bioprinting	Generation of high cell density bioinks for bioprinting of functional cartilage grafts	Kyle Joshua Storey	Ireland

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-348	Poster Session II	3D printing and bioprinting	Electroconductive PCL-PEDOT:PSS 3D-extruded scaffolds for electrical stimulation of bone cells	Fábio F F Garrudo	Portugal
PP-349	Poster Session II	3D printing and bioprinting	Development of a platform to generate thousands of 3D spheroids for bioprinted liver model for drug efficacy and safety assessment	Hélia Barros Fernandes	Italy
PP-350	Poster Session II	3D printing and bioprinting	Combining a tissue-specific hydrogel with polysaccharides to formulate bioinks for 3D bioprinting	Renata Francielle Bombaldi de Souza	Brazil
PP-351	Poster Session II	3D printing and bioprinting	Extrusion-based 3D printing of spongiosa-like osteoinductive scaffolds based on calcium phosphate and PCL	Julie Kühn	Germany
PP-352	Poster Session II	3D printing and bioprinting	3D Bioprinting as an Approach for Homogeneous Cell-Seeding on Natural Scaffolds	Tasneem Salih	United Kingdom
PP-353	Poster Session II	3D printing and bioprinting	Fabrication and application of 3D printed Gelatin/oxidized alginate-based cryogels scaffolds for bone tissue engineering	Muhammad Moazzam	Kazakhstan
PP-354	Poster Session II	3D printing and bioprinting	Deployable 3D bioprinting for modeling pancreatic tumour microenvironment with cancer associated fibroblasts	Yaqi Sheng	United Kingdom
PP-355	Poster Session II	3D printing and bioprinting	Combining 3D hydrogel structures with high precision bioprinting	Tatsiana Lobovkina	Sweden
PP-356	Poster Session II	3D printing and bioprinting	Silk-based microfiber structures with well-organized geometries and improved elastic properties	Miguel Dias Castilho	Netherlands
PP-357	Poster Session II	3D printing and bioprinting	Extrusion-based 3D printing of collagen scaffolds with native-like organization	Miguel Dias Castilho	Netherlands
PP-358	Poster Session II	3D printing and bioprinting	A novel eggwhite powder-enhanced bioink stimulates cell proliferation and response in 3D bioprinted tissue substitutes	Suihong Liu	Germany
PP-359	Poster Session II	3D printing and bioprinting	Biocompatibility of 3D bioprinted tissue model prototypes containing sustainably grown coral skeletal particles for orthopedic applications	Volodymyr Kuzmenko	Sweden
PP-360	Poster Session II	3D printing and bioprinting	Bioprinting of double network hydrogel for skeletal muscle regeneration	Kapil Dev Patel	United Kingdom
PP-361	Poster Session II	Biofabrication	Freestanding Magnetic Cell Sheets for Tissue Engineering Applications	Ana Sofia Silva	Portugal
PP-362	Poster Session II	Biofabrication	Fabrication of Scaffold-free All-Cellular Living Fibers	Ana Rita Sousa	Portugal
PP-363	Poster Session II	Biofabrication	Regenerate rainbow trout skin as food using skin-derived cells and various edible hydrogels	Ying Ying Lin	Germany
PP-364	Poster Session II	Biofabrication	Custom-made poly(ester urethane) tailored for 3D printing by Fused Deposition Modelling	Gianluca Ciardelli	Italy
PP-365	Poster Session II	Biofabrication	The engineering of scaffold-free cartilage using microtissues generated under altered growth factor stimulation regimes	Gabriela Soares Kronemberger	Ireland
PP-366	Poster Session II	Biofabrication	3D bioprinted gellan gum/laponite vessel-like structures for endothelial tissue engineering	Maria Chatz Nikolaidou	Greece
PP-367	Poster Session II	Biofabrication	Antibacterial and MRI-visible Scaffolds out of Metal-Organic Framework / Polycaprolactone for Tissue Engineering Applications by Melt Electrowriting	Salma Mansi	Germany
PP-368	Poster Session II	Biofabrication	Novel biofabrication approaches enabled by di-tyrosine crosslinking of silk fibroin	Jelena Rnjak Kovacina	Australia
PP-369	Poster Session II	Biofabrication	Development of a nanocomposite bioink library for the 3D bioprinting of skeletal tissue to aid bone repair	Gianluca Cidonio	Italy
PP-370	Poster Session II	Biofabrication	Integration of Computational Modelling and Biofabrication Technologies for Bone Tissue Engineering	Elisa Batoni	Italy
PP-371	Poster Session II	Additive manufacturing	Near-field direct-writing electrospinning of architectures made by nature-derived polymers for tissue engineering	Laura Armenio	Italy
PP-372	Poster Session II	Additive manufacturing	A digital reconstruction of the dermal-epidermal junction (DEJ) of the skin in three dimensions	Mina Aleemardani	United Kingdom
PP-373	Poster Session II	Additive manufacturing	Multi-scale tubular Melt-electrowritten PCL constructs for small- to medium-sized prosthetic vascular grafts	Jaka Pižorn	Switzerland
PP-374	Poster Session II	Additive manufacturing	Digital light processing of gelatin-based biomaterial inks towards superior in vitro intestinal models	Sandra Van Vlierberghe	Belgium
PP-375	Poster Session II	Additive manufacturing	Development of melt electrowritten scaffolds coated with mesoporous bioactive glass nanoparticles (MBGNs)-laden gelatin for biomedical applications	Irem Unalan	Germany
PP-376	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Synthetic and semisynthetic extracellular matrix mimics for patient-derived breast cancer organoid culture enable translational precision medicine workflows	Christoph Meinert	Australia
PP-377	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	A versatile organ-on-a-chip model for the evaluation of proangiogenic biomaterials	Oscar Castano	Spain

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-378	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Modeling hyperglycemia using a vessel-on-a-chip technology and endothelial progenitor cells	Isra Marei	United Kingdom
PP-379	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Robust Human Organoid Printing and Culture on a Pillar/Perfusion Plate Platform for Predictive Compound Screening	Moo Yeal Lee	United States
PP-380	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Enhanced cell growth, reproducibility, throughput, and user friendliness in dynamic 3D cell culture using a pillar/perfusion plate platform	Moo Yeal Lee	United States
PP-381	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Endothelialization of organ-on-chip models for increased biological relevance on a high-throughput platform	Pauliina Junttila	Finland
PP-382	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	3D microphysiological placenta in-vitro model as a tool for drug transport studies and risk assessment	Todd Burton	Netherlands
PP-383	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Vascular inflammation modulates Trans-Endothelial Electrical Resistance and immune cell migration in a scalable organ-on-a-chip platform	Todd Burton	Netherlands
PP-384	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	A human organoid-derived cholangiocyte model in a perfusable microfluidic platform	Todd Burton	Netherlands
PP-385	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	Optimization of synthetic hydrogels for the manufacture of 3D organoid model for drug discovery	Stefano Pretto	United Kingdom
PP-386	Poster Session II	Organ-on-a-chip, lab-on-a-chip, organoids and ex vivo models	TTOP static preparation system: a versatile and scalable MicroPhysiological device for compartmentalized and easily accessible cultures of tissue barriers	Monica Soncini	Italy
PP-387	Poster Session II	Disease models	A 3D in vitro model of breast cancer model using decellularized mammary glands bioinks	Sergi Rey-Vinolas	Spain
PP-388	Poster Session II	Disease models	An in vitro model system of intracerebral haemorrhage	Siobhan Crilly	United Kingdom
PP-389	Poster Session II	Disease models	In vitro model for intervertebral disc degeneration	Narjes Rashidi	United Kingdom
PP-390	Poster Session II	Disease models	Toward 3D cellular bioprinting of age-related macula degeneration-in-a-dish	Eszter Emri	Netherlands
PP-391	Poster Session II	Disease models	Taurine Supplementation against Steroid Myopathy in 3-D in vitro Skeletal Muscle Tissues	Sheeza Mughal	Spain
PP-392	Poster Session II	Disease models	Villains and victims – Deciphering the impact of healthy and diseased cell-types on cardiac fibrosis using hiPSC derived cardiovascular models	Nguyen T N Vo	United Kingdom
PP-393	Poster Session II	Disease models	Towards modeling the joint on a chip: a mechanically active microfluidic system to engineer 3D multi-layer osteochondral tissues	Esmah Bahar Tankus	Switzerland
PP-394	Poster Session II	In vitro microenvironments	Replication of electrospun fiber textures in different polymers for cell-matrix interaction studies	Gozde Sahin	Netherlands
PP-395	Poster Session II	In vitro microenvironments	Deciphering the Role of Hedgehog Signalling in the Osteoinductive Influence of Topographically-Textured Polymeric Microparticles	Fatmah I. Ghuloum	United Kingdom
PP-396	Poster Session II	In vitro microenvironments	Mimicking the physiology of multiple layers of human subcutaneous adipose tissue using adipose stromal/stem cells spheroids from superficial and deep subpopulations	Leandra Santos Baptista	Brazil
PP-397	Poster Session II	Infection	Cost-effective 3D lung tissue as a model for SARS-CoV2 infection and drug testing	Leandra Santos Baptista	Brazil
PP-398	Poster Session II	In vitro microenvironments	Cell-Gym On Chip: A Microfluidic Platform For Cell Wellness Control	Denise Pagliara	Italy
PP-399	Poster Session II	In vitro microenvironments	The Influence of the Degenerating Nucleus Pulposus Microenvironment on Cellular Matrix Synthesis Rates	Niamh Wilson	Ireland
PP-400	Poster Session II	In vitro microenvironments	Novel Mechanically Tuneable Three-Dimensional In Vitro Models for Prostate Cancer Progression and Adaptation under Different Stiffness	Siriwat Sukphokkit	United Kingdom
PP-401	Poster Session II	In vitro microenvironments	Development of Human Kidney Extracellular Matrix Hydrogels as 3D Platforms to Study Renal Fibrosis	Lucia Marinas Del Rey	United Kingdom
PP-402	Poster Session II	In vitro microenvironments	Development of a completely defined inflamed human adipose tissue model	Sophia Nowakowski	Germany
PP-403	Poster Session II	In vitro microenvironments	Novel in vitro Full Thickness Models of Human Epithelial Tissues and the Importance of Fibroblasts	Steven Matthew Jon Bradbury	United Kingdom
PP-404	Poster Session II	Microenvironment and niche engineering	Friend or foe? Transglutaminase-2 and a complex role in the tumour microenvironment	Filipe Hanson	United Kingdom

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-405	Poster Session II	Microenvironment and niche engineering	3D flow-focusing microfluidic biofabrication of complex biomimetic architectures, from in-silico to in-vitro	Daniel P. Reis	Portugal
PP-406	Poster Session II	Microenvironment and niche engineering	Analysis of various 3D human adipose tissue models compared to 2D monolayers	Franziska B. Albrecht	Germany
PP-407	Poster Session II	In vivo and animal models	In vivo assessment of marine vs bovine origin collagen-based composite scaffolds promoting bone regeneration in a New Zealand rabbit model	Rogério P. Pirraco	Portugal
PP-408	Poster Session II	In vivo and animal models	Kainic acid excitotoxicity induced chemical Spinal cord injury in vivo model for assessment of neuroregeneration potential of drugs	Yogeswaran Lokanathan	Malaysia
PP-409	Poster Session II	Omics, bioinformatics and systems biology	Modeling peritoneal adhesions: mechanics meet systems biology	Madge Martin	France
PP-410	Poster Session II	Omics, bioinformatics and systems biology	Using a machine learning-supported approach for assessing and predicting articular cartilage surface damage and its susceptibility to mechanical injury-induced cell death and survival	Mischa Selig	Germany
PP-411	Poster Session II	In silico models	BEMSCA: A Novel Decision Support Tool for Optimally Designing Large-Scale Stem Cell Expansion Bioprocesses	William O. S. Salvador	Portugal
PP-412	Poster Session II	Biomechanics, biophysical stimuli and mechanotransduction	Co-occurring changes in single cell morphology and cytoskeletal F-actin intensity, density and distribution under various regimens of cyclic stretch	Bernd Rolauuffs	Germany
PP-413	Poster Session II	Biomechanics, biophysical stimuli and mechanotransduction	GelMA hydrogel mechanics affect the collective migration of fibroblast cells	Biswajoy Ghosh	Norway
PP-414	Poster Session II	Biomechanics, biophysical stimuli and mechanotransduction	Application of controlled multidirectional hydrodynamic stimuli on human endothelial cells in a novel bioreactor	Elia Pederzani	Italy
PP-415	Poster Session II	Biomechanics, biophysical stimuli and mechanotransduction	Engineered Cancer In Vitro Model To Demultiplex Biophysical Cues In Metastasis	Rebekah Kay	United Kingdom
PP-416	Poster Session II	Biomechanics, biophysical stimuli and mechanotransduction	The role of heterogeneous nuclear ribonucleoproteins in mechanosensing	Pavel Simara	Czech Republic
PP-417	Poster Session II	Biomechanics, biophysical stimuli and mechanotransduction	Guiding engineered bone tissue growth using mesostructured surfaces of defined geometry	Sebastien Callens	United Kingdom
PP-418	Poster Session II	Stem cells - general	3D tissue formation increases intracellular macromolecular crowding which programs the metabolism and lineage commitment of stem cells	Marieke Meteling	Netherlands
PP-419	Poster Session II	Stem cells - general	Tendon stem cell populations have distinct proliferative and secretome profiles - a key role for physiological oxygen	Marta Clerici	United Kingdom
PP-420	Poster Session II	Stem cells - general	Comparative analysis of porcine adipose tissue-derived clonal populations reveal large heterogeneity in adipogenic capacity	Thomas Thrower	United Kingdom
PP-421	Poster Session II	Stem cells - general	Role of IGF axis in Bone Tissue Engineering using Diabetic BM-MSCs	Nancy Hussein	United Kingdom
PP-422	Poster Session II	Stem cell niche	Development of an in vitro model of the bone marrow niche focussing on the mechanobiology of leukemic stem cells	Chloe Barabara Rodgers	United Kingdom
PP-423	Poster Session II	Induced pluripotent stem cells	Effects of Cytokines (TNF-ALPHA, IFN-GAMMA and IL-1BETA) on Equine Induced Pluripotent Stem Cells and Derivatives: activation of inflammatory pathways and change in gene expression	Esther Palomino Lago	United Kingdom
PP-424	Poster Session II	Induced pluripotent stem cells	IN VITRO ASSESSMENT OF THE THERAPEUTIC POTENTIAL OF HUMAN INDUCED PLURIPOTENT STEM CELL-DERIVED MESENCHYMAL STROMAL CELLS (iMSCs)	Dale Creaven	Ireland
PP-425	Poster Session II	Multipotent (mesenchymal) stem cells	TNF-alpha and SIRT1 modulation affects bioenergetics and chondrogenic capacity of mesenchymal stromal cells	Roberto Narcisi	Netherlands
PP-426	Poster Session II	Multipotent (mesenchymal) stem cells	Direct and indirect effects of regulatory T cells on the osteogenic potential of mesenchymal stromal cells	Eylem Baysal	Norway
PP-427	Poster Session II	Multipotent (mesenchymal) stem cells	Mesenchymal-like cells isolated from menstrual blood, comparing sanitary pads, tampons, and menstrual cups for accessible donation	Hannah Manley	United Kingdom

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-428	Poster Session II	Multipotent (mesenchymal) stem cells	Total Autologous Angiogenic Therapy with Cultured Bone Marrow Derived Mesenchymal Stromal Cells Grown in Platelet-Rich Plasma Against Peripheral Arterial Disease on Japanese Advanced Medical Care	Shoji Fukuda	Japan
PP-429	Poster Session II	Multipotent (mesenchymal) stem cells	3D collagen-embedded spheroids of periodontal ligament stem cells enhance cementogenic differentiation via plasminogen activator inhibitor 1	Madoka Yasunaga	Japan
PP-430	Poster Session II	Musculoskeletal (inc ligament, tendon, muscle, etc)	Tailored 3D Tendon Biomimetic Scaffolds Enhance Amniotic Epithelial Stem Cells Tenogenic Paracrine Regenerative Potential	Giuseppe Prencipe	Italy
PP-431	Poster Session II	Musculoskeletal (inc ligament, tendon, muscle, etc)	Tailoring the microporosity of embroidered structures by melt electrowriting to enhance the cellular alignment on hierarchical tendon and ligament replacements	Max Von Witzleben	Germany
PP-432	Poster Session II	Musculoskeletal (inc ligament, tendon, muscle, etc)	Development of in vitro muscle tendon junction using electrospun scaffold	Nodoka Iwasaki	United Kingdom
PP-433	Poster Session II	Musculoskeletal (inc ligament, tendon, muscle, etc)	IVC/DVC-2 digital cage to predict tendon structural recovery	Melisa Faydaver	Italy
PP-434	Poster Session II	Musculoskeletal (inc ligament, tendon, muscle, etc)	Optimisation of a spheroid based approach for vascularisation of primary 3D tissue engineered skeletal muscle constructs	Sarah Louise Andrews	United Kingdom
PP-435	Poster Session II	Musculoskeletal (inc ligament, tendon, muscle, etc)	Xeno-free bioengineered human skeletal muscle tissues	Xiomara Fernández-Garibay	Spain
PP-436	Poster Session II	Musculoskeletal (inc ligament, tendon, muscle, etc)	Peripheral blood mononuclear cell contribution to myogenic commitment of human Mesenchymal Stem Cells in a 2D and 3D Myoblast co-culture	Pasqualina Scala	Italy
PP-437	Poster Session II	Musculoskeletal (inc ligament, tendon, muscle, etc)	Regenerative Programming of Animal and Human Stem Cells for Engineered Skeletal Muscle	Zachary Muda	United Kingdom
PP-438	Poster Session II	Bone and bone disorders (osteoporosis etc)	RNAseq analysis reveals divergent molecular events that direct hBMSCs toward fibrosis or bone regeneration: importance of inflammation regulation and osteoblastic differentiation	Nathalie Chevallier	France
PP-439	Poster Session II	Bone and bone disorders (osteoporosis etc)	Micro-CT Characterisation of a Dual Antimicrobial-Osteoinductive 'Bone Wrap' Applied to a Novel Ex-Vivo Foetal Chick Femur Defect Model	Jude Curran	United Kingdom
PP-440	Poster Session II	Bone and bone disorders (osteoporosis etc)	Evaluation of medium mediated effects of electrical stimulation on osteoblasts	Meike Bielfeldt	Germany
PP-441	Poster Session II	Cartilage, joint and arthritic conditions	Development of a Composite Scaffold for Load-bearing and Biomaterial-controlled Regeneration of Zonal Articular Cartilage Properties	Hadeel J. N. Abu Shaqrah	Ireland
PP-442	Poster Session II	Cartilage, joint and arthritic conditions	Potential synovial fluid biomarkers for progression of knee osteoarthritis using a multiplex ELISA based approach	Jana Bzdilova	Slovakia
PP-443	Poster Session II	Cartilage, joint and arthritic conditions	Fabrication of an injectable hydrogel with controllable in situ pore formation for the repair of chondral lesions	Arjan Atwal	United Kingdom
PP-444	Poster Session II	Cartilage, joint and arthritic conditions	Investigating the influence of pore size and matrix stiffness on chondrogenesis within cartilage extracellular matrix-derived scaffolds	Giovanni Gonnella	Ireland
PP-445	Poster Session II	Cartilage, joint and arthritic conditions	Human osteochondral explant tissues as reliable models for ex vivo testing of novel therapeutics in osteoarthritis	Luminita Labusca	Romania
PP-446	Poster Session II	Intervertebral disc, spine and their disorders	Are Cells of intervertebral discs with type 1 Modic Change on MRI showing a history for impaired spinal fusion?	Benjamin Gantenbein	Switzerland
PP-447	Poster Session II	Intervertebral disc, spine and their disorders	Biofabrication of sodium alginate-silicon nitride/poly (vinyl alcohol) composite biomaterials as a shock-absorbing scaffold	Xiaoyu Du	Switzerland
PP-448	Poster Session II	Intervertebral disc, spine and their disorders	Developing ECM/Chondroitin Sulphate Matrix Hydrogels for Discogenesis	Maj Valerie Kersten	Ireland
PP-449	Poster Session II	Cancer	3D Bio-printed Breast Tumor Spheroid Models for the Evaluation of Chimeric Antigen Receptor (CAR-T) Cell Therapy	Ximena Guadalupe Vasto Anzaldo	United Kingdom
PP-450	Poster Session II	Cancer	Modelling the Extracellular Matrix Complexity in a Multi-Compartmental Biomaterial based Multicellular 3D Pancreatic Cancer Model	Priyanka Gupta	United Kingdom

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-451	Poster Session II	Cancer	Investigating the Impact of Hypoxia on Radiotherapy Response of a 3D Scaffold Based Pancreatic Cancer Model	Priyanka Gupta	United Kingdom
PP-452	Poster Session II	Cancer	2D and 3D in vitro study of carbohydrates-modified Pt(IV) pro-drugs: a novel therapeutic strategy to target Osteosarcoma	Giada Bassi	Italy
PP-453	Poster Session II	Cancer	Targeting FSP1 to sensitize human osteosarcoma to ferroptotic cell death	Elżbieta Pańczyszyn	Italy
PP-454	Poster Session II	Cancer	Human breast cancer on-chip for personalized therapy	Claudia Mazio	Italy
PP-455	Poster Session II	Nervous system (brain/central/peripheral, disorders)	Effect of Age-specific Decellularized Extracellular Matrix on Neuronal Physiology and Repair	Natacha Levy	Spain
PP-456	Poster Session II	Nervous system (brain/central/peripheral, disorders)	Optimization of the Nichoid micro scaffold for the expansion culture of human adipose-derived mesenchymal stem cells	Stephana Carelli	Italy
PP-457	Poster Session II	Nervous system (brain/central/peripheral, disorders)	NGF in combination with Hyperbaric oxygen treatment promotes neuronal survival and axonal regeneration	Srinivas Madduri	Switzerland
PP-458	Poster Session II	Nervous system (brain/central/peripheral, disorders)	Using adipose stem cell spheroids with fibrin hydrogel-assisted delivery for nerve repair: an experimental study	Srinivas Madduri	Switzerland
PP-459	Poster Session II	Nervous system (brain/central/peripheral, disorders)	Modeling ischemic stroke in a triculture neurovascular unit on-a-chip	Naomi Westra	Netherlands
PP-460	Poster Session II	Eye	Enzymatically crosslinked Silk and Hyaluronic acid based hydrogels for engineering artificial corneal tissue	Lekha Shah	Italy
PP-461	Poster Session II	Eye	Development of Artificial Retinas with Conjugated Polymer Nanoparticles (CPNs) for the Treatment of Degenerative Eye Disease and the Augmentation of Human Vision	Marcin Tomasz Gwiazda	Poland
PP-462	Poster Session II	Eye	A combination of Melt Electrowriting and solution electrospinning to mimic the structure of the human trabecular meshwork	Maria Bikuna Izagirre	Spain
PP-463	Poster Session II	Skin	In vitro characterization of different human tissue-engineered skin substitutes composed of human plasma as main biomaterial and their manufacturing process: in search of personalized therapies for dermatological diseases	María I. Qiñones Vico	Spain
PP-464	Poster Session II	Skin	Advanced wound dressing with gelatin methacrylate (GelMA) hydrogel for skin tissue engineering	Nasrin Lotfibakhshaiesh	Iran
PP-465	Poster Session II	Skin	Impact of microstructure on cell behavior and tissue mechanics in collagen and dermal decellularized extra-cellular matrices	Maité Rielland	France
PP-466	Poster Session II	Cardiovascular	Bioprinting of functional cardiac tissue using a collagen-based bioink	Tilman Uli Esser	Germany
PP-467	Poster Session II	Cardiovascular	Laser-Induced Graphene Anisotropic Substrates for Cardiac Tissue Engineering	Henrique Vazão de Almeida	Portugal
PP-468	Poster Session II	Cardiovascular	Systemic delivery of immune cells improves the cardiac repair outcome following myocardial infarction	Yasmin Khalid Alshoubaki	Australia
PP-469	Poster Session II	Cardiovascular	Crosslinked extracellular matrix biomaterials functionalized with 2D-nanomaterial MXenes for cardiac tissue engineering drive iPSC-derived cardiomyocyte maturation	Michael G Monaghan	Ireland
PP-470	Poster Session II	Vascular systems, vascularisation and heart	Developing a microfluidic model to investigate the crosstalk between Porphyromonas gingivalis and vascular endothelial cells	Chloe Leigh Smith	United Kingdom
PP-471	Poster Session II	Vascular systems, vascularisation and heart	Induce and control the phenotypic switch in ipsc-derived vascular smooth muscle cells in a 3d hydrogel	Elana M. Meijer	Netherlands
PP-472	Poster Session II	Vascular systems, vascularisation and heart	Mimicking the glomerular endothelium; induce and control fenestrations in iPSC-derived endothelial cells	Elana M. Meijer	Netherlands
PP-473	Poster Session II	Vascular systems, vascularisation and heart	Developing Low Temperature Plasma (LTP) Customizable Scaffolds for Engineered Blood Vessels	Komal Vig	United States
PP-474	Poster Session II	Immunity, immunomodulation, macrophage	Analysis of potential danger signals on PCL-hyaluronic acid-based tendon biomimetic scaffolds with a TLR-reporter cell platform	Sara Gil Cantero	Austria
PP-475	Poster Session II	Immunity, immunomodulation, macrophage	Dendritic cells secrete epithelial growth factor receptor-ligands upon stimulation with oxidized phospholipids	Veronica Pinnaro	Austria
PP-476	Poster Session II	Immunity, immunomodulation, macrophage	The secretome of mesenchymal stromal cells modulates B cells from patients with Rheumatoid Arthritis	Antonietta Rosa Silini	Italy

TERMIS EU 2023 Posters List



Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-477	Poster Session II	Immunity, immunomodulation, macrophage	Modulating macrophage polarization in vitro with ultra-short peptide-polymer bioconjugates for tissue engineering applications	Pravin Shankar Giri	India
PP-478	Poster Session II	Immunity, immunomodulation, macrophage	Combined biolistic and cell penetrating systems for the development of DNA vaccines	Roizza So	United Kingdom
PP-479	Poster Session II	Infection	Curcumin loaded zinc mesoporous glass nanoparticles for infection treatment and bone regeneration	Sandra Sanchez Salcedo	Spain
PP-480	Poster Session II	Infection	Immobilization of Toll like Receptor 2 on Mesoporous Silica Nanosystems to Combat Bacterial Infection	Montserrat Colilla	Spain
PP-481	Poster Session II	Wound healing	Electrophoretic Deposition of Copper-Doped Coatings for Soft Tissue Integration	Jing Han	Netherlands
PP-482	Poster Session II	Wound healing	Phosphorylation of rpS6 as a Spatial Indicator of Tissue Response to Wounding in Mammals: A Comprehensive Evaluation in the Oral Cavity and Multiple Skin Sites of Sus domesticus	Eirini Klinaki	Austria
PP-483	Poster Session II	Wound healing	Global landscape of artificial skin solutions; positioning a strategy for product development.	Julian Francis Dye	United Kingdom
PP-484	Poster Session II	Wound healing	Dodonea viscosa Extract Priming Increases Efficacy of ASCs To Counter Thermal Stress In-Vitro and for Burn Wounds Healing In-Vivo	Azra Mehmood	Pakistan
PP-485	Poster Session II	Wound healing	elr-based basement membranes analogues for wound healing applications	Diana Juanes Gusano	Spain
PP-486	Poster Session II	Wound healing	Impact of Collagen/Hyaluronic Acid for Therapeutic Multilayers Coating to Promote Wound Healing	Elias Hasan	United Kingdom
PP-487	Poster Session II	Wound healing	Adipocytes modulate fibroblast to myofibroblast conversion: Implications for wound healing	James Ankrum	Ireland
PP-488	Poster Session II	Extracellular vesicles	The Influence of Serum Depletion on The Purity, Quality and Phospholipid Composition of Osteoblast-Derived Small Extracellular Vesicles	Lujien Dribika	United Kingdom
PP-489	Poster Session II	Extracellular vesicles	Study of Mesenchymal Stem/Stromal Cells with Different Population Doubling Levels on Exosome Secretion Profile and Cargo Content	Chaiyong Koaykul	Thailand
PP-490	Poster Session II	Extracellular vesicles	Investigating Extracellular Vesicle crosstalk using a 3D dynamic model of Breast Cancer	Yashna Chabria	Ireland
PP-491	Poster Session II	Extracellular vesicles	Extracellular vesicle microRNA crosstalk between chondrocytes and synovocytes- an in vitro approach	Mandy J Peffers	United Kingdom
PP-492	Poster Session II	Gene editing	Invalidation of RUNX2 by CRISPR-Cas9 decreases mineralization in three-dimensional cell culture models produced by tissue engineering	Alyssa Brodeur	Canada
PP-493	Poster Session II	Cell therapy	A dexamethasone loaded polylactic acid electrospun construct as a tubular cardiovascular implant	Stavroula Kyriakou	Germany
PP-494	Poster Session II	Cell therapy	Ten-year follow-up study of a mesenchymal stromal cell transplantation clinical trial for stage 3 femoral head osteonecrosis	Tomoki Aoyama	Japan
PP-495	Poster Session II	Cell therapy	Engineering ureter tissue using hiPSCs	Mona Elhendawi	United Kingdom
PP-496	Poster Session II	Cell therapy	Development of Artificial Membrane Binding Proteins for the enhancement of Adoptive Cell Therapies	Valeria Esperanza Sandoval Torres	United Kingdom
PP-497	Poster Session II	Advanced therapy medicinal products	Magnetic Nanoparticles: a novel approach for thermal ablation as treatment of hepatocarcinoma	Andrea Cafarchio	Italy
PP-498	Poster Session II	Advanced therapy medicinal products	The Effect of Arginine Depletion on Hepatocellular Carcinoma	Lucy Luxi Zheng	Hong Kong
PP-499	Poster Session II	Bioreactors	Production of radially aligned 3D diaphragmatic constructs through a customized bioreactor	Edoardo Maghin	Italy
PP-500	Poster Session II	Bioreactors	A Bioreactor-based Platform for Investigating the Effects of Direct Perfusion and Pulsed Electromagnetic Field Stimulation on 3D Biomimetic Bone Tissue Models	Beatrice Masante	Italy
PP-501	Poster Session II	Bioreactors	A dynamic culture platform for investigating in vitro the cell response to controlled uniaxial stretch – Application to periodontal ligament and adipose-derived stem cells	Beatrice Masante	Italy
PP-502	Poster Session II	Bioreactors	A human multi-organ and dynamic in vitro model for simultaneous and more predictive toxo-efficacy assays	Silvia Scaglione	Italy
PP-503	Poster Session II	Bioreactors	Functionalized Alginate-Hydroxyapatite porous scaffold for Bone Tissue Engineering – Optimization of cell culture conditions	Benedetta Guagnini	Italy
PP-504	Poster Session II	Bioreactors	A dynamic in vitro barrier tissue model system for real-time imaging	Bhumika Singh	United Kingdom
PP-505	Poster Session II	Scaling up & manufacturing	Robust Workflows for the Expansion and Differentiation of Human Pluripotent Stem Cells as Aggregates in Suspension Culture	Douglas Kondro	United Kingdom

Poster Number	Poster Session	Topic	Poster Title	Presenter	Country
PP-506	Poster Session II	Scaling up & manufacturing	Biological evaluation of large-scale synthesized superparamagnetic iron oxide nanoparticles	Manuel Estévez	Spain
PP-507	Poster Session II	Trauma, surgery and rehabilitation	Vibration Therapy as an Intervention for Enhancing Trochanteric Hip Fracture Healing in Elderly Patients: A Randomized Double-Blinded, Placebo-Controlled Clinical Trial	Ronald Man Yeung Wong	China
PP-508	Poster Session II	Trauma, surgery and rehabilitation	Frontiers in Regenerative Medicine: Compromised Alveolar Bone after Microvascular Reconstructions due to Oncological Diagnosis	Paula Korn	Germany
PP-509	Poster Session II	Trauma, surgery and rehabilitation	Haemostatic and genetically augmented wound packing for frontline traumatic soft tissue injuries to prevent bleeding and enhance regeneration	Hoda M. Eltaher	United Kingdom
PP-510	Poster Session II	Innovation	Optimisation of a Porcine Ex-Vivo Composite Perfusion Model: Applications in Regenerative Medicine	Kavit Amin	United Kingdom
PP-511	Poster Session II	Innovation	The Development of a Porcine Multi-Organ Liver-Kidney-Spleen Model to Advance Research in Tissue Engineering and Regenerative Medicine	Amy Stewart	United Kingdom