



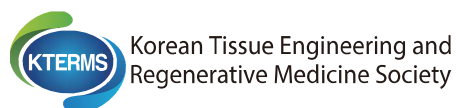
**Tissue Engineering and Regenerative Medicine
International Society Asia-Pacific Chapter Conference 2022**

TERMIS-AP 2022

October 5-8, 2022 / ICC Jeju, South Korea

New Chapter of Future Regenerative Medicine

Program Book



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PS02-120

Chondrocyte-mimicking microspheres for osteochondral defect repair

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PS02-121

Oxygen-supplying syringe to create hyperoxia-inducible hydrogels for in situ tissue regeneration

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PS02-122

Long-term maintenance of viable adipocytes and enhanced blood vessel infiltration in vivo using spheroid-based bioprinted construct

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PS02-123

Controlled drug release by a tough and adhesive bilayer hydrogel with external stimulation

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PS02-124

Bio-reprinting technique as an advanced method for micro-scaled tissue structure fabrication

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PS02-125

A multiple surface modification used in Ti, and 3D-printed Ti alloy scaffold to regulate osteoimmunology, angiogenesis and osteogenesis for orthopaedic and dental implant application

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PS02-126

pH-sensitive photonic crystal patch for wound healing monitoring

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PS02-127

Bio-ink and 3D printing-based to mimic of three-dimensional skin complex with internal blood vessels

Dongjin Lee¹, Ji Min Seok¹, Dahong Kim², Seunghun Son¹, Seon Ju Yeo¹, Jun-Hee Lee¹, Su-A Park^{*1}

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PS02-128

3D conduit model bio printing for mimicking the human intestine

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PS02-129

Stent-based electrode for radiofrequency ablation in the rat esophagus: A proof-of concept study

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PS02-130

Intragastric satiety-inducing device combined with photodynamic therapy to treat obesity

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PS02-131

Development of 3D printed thermo-responsive skin-derived decellularized extracellular matrix hydrogel adhesive patch with controllable shrinkage behavior

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PS02-132

Development of 3D printing-based tendon-derived stem cell-laden 3D microtissues for tendon tissue engineering

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PS02-133

Development of anti-fouling and anti-thrombogenic surface using visible light cross-linked zwitterionic hydrogel coatings for implantable medical devices

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PS02-134

Visible light activated collagen based hydrogel for rotator cuff regeneration

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PS02-135

Polycaprolactone scaffolds with improved mechanical properties and structural stability fabricated by a screw extrusion-type 3D printer

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