



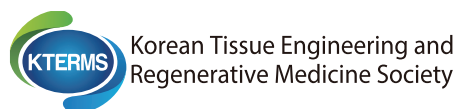
Tissue Engineering and Regenerative Medicine
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Program Book



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PS02-032

Fabrication of graphene oxide composite ultra-strong stretchable hydrogel with high conductivity and biocompatibility

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PS02-033

3D printed fish-derived extracellular matrix scaffolds for bone tissue engineering

SeoYul Jo¹, JiUn Lee¹, Hyeongjin Lee¹, WonJin Kim¹, Young Won Koo¹, Hanjun Hwangbo¹, GeunHyung Kim*¹

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PS02-034

Fabrication and characterization of a myrrh hydrocolloid dressing for dermal wound healing

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PS02-035

Multi-functional microwell array platform for spontaneous glioblastoma spheroid formation and anticancer drug screening

Fu-Nan Ju¹, Kwang-Ho Lee¹, Cheol-Hwi Kim¹, Tae-Hyung Kim*¹

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PS02-036

Matrix stiffness dependent nuclear transport of STAT6 determines M2 activation of macrophages

Jeong-Ki Kim¹, Dong-Hwee Kim*¹

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PS02-037

Effect of silk fibroin/ nano-hydroxyapatite composite on immune responses

Kallista Wong*¹

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PS02-038

Sprayable Ti3C2 MXene hydrogel for wound healing and skin cancer therapy

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PS02-039

3D bioprinting LEGO system to construct large 3D-tissues with complex property

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PS02-040

Nanofilms constructed by cation-dipole interaction to prevent cell migration for cell compartmentalization in 3D tissues

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PS02-041

SUN1-mediated nuclear tension determines nuclear wrinkling in progerin expressing cells

Juhyeon Jo¹, Dong-Hwee Kim*¹

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PS02-042

Development of elastin-like protein derived from the domain of human elastin

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PS02-043

Cellulose-based tissue adhesive hydrogels for hemostatic application

Jihoon Jeon¹, Yi Sun Choi¹, Soohwan An¹, Mi Jeong Lee¹, Seung Yeop Han¹, Yunsu Bae¹, Seung-Woo Cho*¹

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PS02-044

Fabrication of perfusable and free-form In vitro vascular model using a coaxial nozzle

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PS02-045

Neurotransmitter-modified fibrous artificial 3D constructs for effective muscle regeneration

Kyoungryong Kim¹, Mikyung Shin*¹

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PS02-046

Self-assembled small diameter vasculature via dragging 3D printing technique

Jae-Seok Kim¹, Hun-Jin Jeong³, Hyoryung Nam², Sung Keon Cho², So-Jung Gwak¹, Hyun-Ha Park¹, Hyung Woo Kim¹, Kyoung Duck Seo¹, Young-Sam Cho¹, Jinah Jang², Seung-Jae Lee*¹

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PS02-047

Development of a simple multi-functional unidirectional freezing platform to engineer aligned scaffolds for tissue engineering

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PS02-048

Selective modulation of single cell migration via double-strand DNA rupture force

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PS02-049

Fabrication and characterisation of hybrid nanocollagen- gelatin thermoresponsive hydrogel for skin tissue engineering application

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