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PS02-050

Decellularised human umbilical arteries: exploring its potential as a readily available off-the-shelf coronary graft

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PS02-051

Dermal extracellular matrix-derived nanoparticles improve the biological relevance of gelatine bioinks for future wound healing applications

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PS02-052

The development of multifunctional nerve guidance conduit using milk derived protein for peripheral nerve regeneration

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PS02-053

Hydroxy-conjugated bifacial scaffolds for localized drug delivery system

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PS02-054

Engineering autologous vascularized thrombus implants for enhancing cutaneous wound healing

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PS02-055

Fabrication of phycocyanin based fibrous membrane coated fish collagen for bone regeneration

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PS02-056

A bio-adhesive hyaluronic acid hydrogel for pH-versatile biomedical applications

Soohwan An[1], Eun Je Jeon[1], Seung Yeop Han[1], Jihoon Jeon[1], Mi Jeong Lee[1], Sooyeon Kim[1], Mikyung Shin[2], Seung-Woo Cho*[1]
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PS02-057

Acellular matrix film incorporating phlorotannins from Eckloinia cava suppressed post-implantation inflammatory responses

Tae-Hee Kim[1], Seong-Yeong Heo[5], Gun-Woo Oh[4], Won Sun Park[3], Il-Whan Choi[2], Hyun Wook Kang[1], Huyn-Woo Kim[1], Young-Mog Kim[1], Sung-Han Jo[1], Sang-Hyug Park[1], Won-Kyo Jung*[1]
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PS02-058

Fish collagen/PCL nanofibrous scaffolds with cross-linked chitooligosaccharides for full-thickness wound healing

Dong-Joo Park[1], Pathum Chandika[1], Gun-Woo Oh[3], Seong-Yeong Heo[2], Tae-Hee Kim[1], Min-Sung Kim[1], Seung-Hee Moon[1], Won-Kyo Jung*[1]
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PS02-059

Ovine collagen type-I (OTC-I) biomatrix integrated with antibacterial coating for rapid treatment in diabetic wound care management

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PS02-060

Fabrication of antioxidant and anti-inflammatory hydrogel based on fish skin gelatin/oxidized hyaluronate for accelerated wound healing

Dong-Joo Park[1], Seung-Hee Moon[1], Won-Kyo Jung*[1]
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PS02-061

Fabrication of injectable iron(III) crosslinked hyaluronic acid/pectin hydrogel with antimicrobial activities

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PS02-062

Characterisation of native tissue and development of multiphasic scaffolds for engineering of bone-ligament interface

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PS02-063

Decellularized plant and fungal-based scaffolds for the *in vitro* production of bovine meat

Hyunjin Kim[1], Rakesh Bhaskar[1], Kannan Badri Narayanan[1], Soyeon Won[1], Abdulrahman Sharwani[1], Sungsoo Han*[1]
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PS02-064

3D bioprinting of islet-like aggregates using dual- crosslinked hydrogel with promoted biofunctionality and enhanced shape stability

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PS02-065

Dual controlled photocrosslinkable and photodegradable gelatin-ased hydrogel