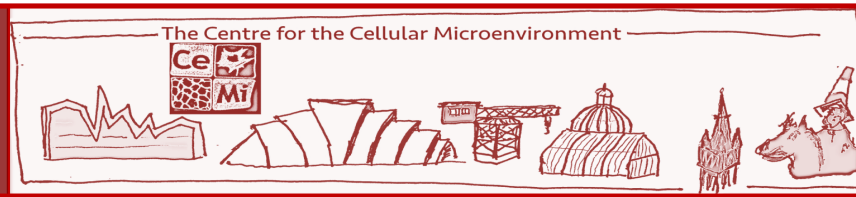


GLORI
at the



Glasgow Orthopedic Research Initiative 2018
23rd November 2018 in JWS r526

Programme:

Session 1:

13:30 **Prof Matt Dalby/Prof Manuel Salmeron-Sanchez/Mr Dominic Meek**
"Introduction"

13:35 **Virginia Llopis-Hernandez** –social media @theglasgowcemi

13: 40 **Ian Kennedy**
"Nanoscale vibrations to modulate osteogenesis"

13:55 **Sara Trujillo Muñoz**
"Fibronectin hydrogels for the vascularisation of bone"

14:10 **Tom Hodgkinson**
"Identification and in vitro screening of osteogenic metabolites through supplement-free nanovibration-driven mesenchymal stem cell differentiation"

14:25 **Oana Dobre**
"Hybrid Laminin-based Hydrogels for efficient Presentation of growth Factors"

14:40 -15:10 break

Session 2:

15:10 **Hannah Donnelly**
"Synergistic integrin-growth factor microenvironments to bioengineer the bone marrow niche"

15:25 **William Marshall**
"Fracture non-union in dogs and cats: engineering a solution"

15:40 **Katie Douglas**
"Investigating Dormancy and Awakening of Pancreatic Cancer using Tunable 3D Hydrogels"

15:55 **Jake Cason**
"Investigating Cancer Cell Dormancy and Recurrence in the Bone Marrow Niche"

16:10 discussion

16:30 end of meeting

Organiser

Dr Penelope M Tsimbouri

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