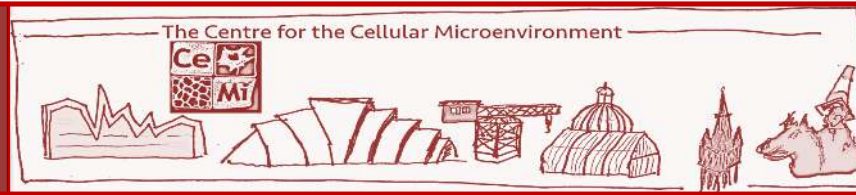


**GLORI**  
at the



**Glasgow Orthopedic Research Initiative 2018**  
23<sup>rd</sup> 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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