

A novel bioreactor system for biaxial mechanical loading enhances the properties of tissue-engineered human cartilage

Christoph Meinert^{1,2}, Karsten Schrobback¹, Dietmar W. Hutmacher^{1,2}, Travis J. Klein^{1,2*}

¹Institute of Health and Biomedical Innovation, Queensland University of Technology, Brisbane, Queensland, 4059, Australia

²Australian Research Council Industrial Transformation Training Centre in Additive Biomanufacturing, Queensland University of Technology, Brisbane, Queensland 4059, Australia

Supplementary Information

Supplementary Video V1. 3D animation illustrating the working principle of the novel shear and compression bioreactor system.