

12th IBEC Symposium Bioengineering

Active Ageing

MECHANOBIOLOGY - Posters with flash presentation

Poster Name	Title
91 Juan F. Abenza	Cellular mechanics and the robustness of the circadian clock in fibroblasts
92 Satish Kumar Gupta	High frequency passive microrheology for a living mammalian cytoplasm.
93 Anabel-Lise Le Roux	Molecular reshaping of the plasma membrane in response to mechanical stress
94 Agata Nyga	Malignant corruption of epithelial mechanics

MECHANOBIOLOGY - Posters

Poster Name	Title
95 Ion Andreu Arzuaga	Active transport confers specific, tunable, and reversible mechanosensitivity to nucleocytoplasmic shuttling
96 Ignasi Casanellas	Matrix nanopatterning modulates focal adhesion size and distribution according to cell fate
97 giulia fornabaio	Biomechanics of the progression of hypermethylated colorectal carcinomas
98 Víctor González-Tarragó	The force loading rate drives cell mechanosensing
99 Ignasi Jorba	Effects of long-term very high intensity exercise in an animal model on aortic SMCs stiffness measured by AFM
100 Ernest Latorre	Discrete Epithelial Monolayer Microscopy (DEMM)
101 Ariadna Marín Llauredó	Linking epithelial size, tension and pressure in curved epithelial monolayers
102 Xarxa Quiroga Álvarez	Curvature-Sensing Proteins in Stretch-associated Membrane Remodelling