List of Poster Teasers

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3 **Camille Migdal:**
Cell&Soft: The Innovative Soft Culture Plates

5 **Nathan Thibieroz:**
Development of a biomimetic high throughput essay to study neuroblastoma cell differentiation

6 **Camila Martin Cardozo:**
Evaluation of cancer cells mechanical phenotype associated with the resistance to treatment in myeloid leukemia

7 **Jocelyn Etienne:**
Folding oneself into shape: Apical actomyosin buckles an embryonic epithelium

8 **Thibault Mercier:**
Intestinal epithelial cells under variable curved substrates

9 **Yuthika Shetty:**
Investigating the dynamic response of nucleolus to mechanical compression

10 **Fehima Ugarak:**
Measuring rigidity of cellular interior of normal and keloid fibroblasts with Micro-Brillouin light scattering (mBLS) technique

11 **Thomas Perros:**
Mechanical characterization of regenerating Hydra tissue spheres

14 **Tanguy Dufourt:**
Modelling the positioning of the cell division plane in brown algal cells

15 **Geetika Raizada:**
Morphomechanical characterization of Extracellular Vesicles subpopulation

16 **Omar Aldarawish:**
Nuclear deformation and cell fate

17 **Alice Nicolas:**
Quantitative analysis of the mechanical properties of healthy and cancer lung tissue for the design of mechano-mimetic culture substrates

18 **Aida Gabriela Fernandez Contreras:**
Study of cell sensitivity to stiffness in 3D environment with controlled geometry

20 **Amir Zablotsky:**
Unveiling microtubule fracture dynamics: A comprehensive examination of the influence of lattice defects on the breakage process of microtubules

24 **Vladimir Misiak:**
Study of the mechanical stability of a minimalist in vitro model of epithelial tissue

25 **Pablo Saez:**
Effect of the composition and viscoelasticity of the ECM in cell behavior

26 **Yeraldinne Carrasco:**
Initial steps of bacterial surface motility studied by with optical microscopy and microfluidics

30 **Kenny Elias:**
Force-associated changes in nuclear tension together with calcium waves orchestrate mechanical-stress dissipation at the tissue-scale level