

FakirSlide

Adrien Carretero, Laura Picas

Understanding the forces shaping cell deformation

*Adrien Carretero collaborated with Laura Picas to combine **biophysics** with **cell biology** and apply advanced nanostructuring approaches to **explore cell mechanics** and leading to advancements in cellular imaging and analysis.*



*This collaboration resulted in the development of **FakirSlide**: **nanostructured glass coverslips for cell culture & isolated membranes.***

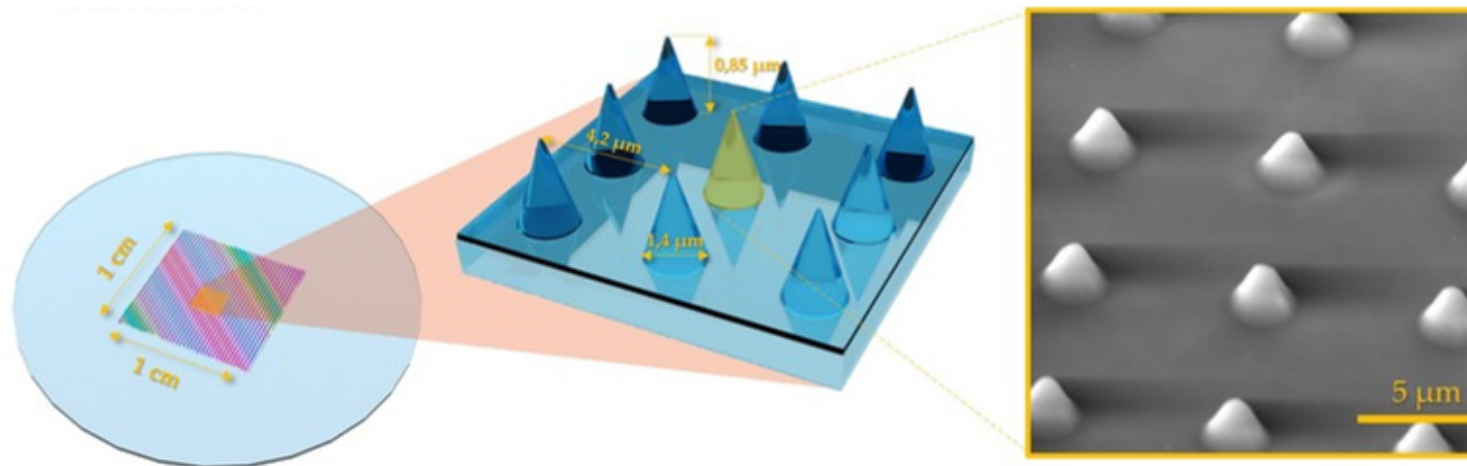
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FakirSlide: The nano-precision tool for cell biology

*FakirSlide's nanostructured glass surface allows researchers to observe **how cells deform, stretch, and react to mechanical stimuli.***

*Thanks to the **properties of glass**, the deformations applied to the cells are **highly robust and reproducible**, providing a level of precision that other materials cannot match.*

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*FakirSlides allows for the generation of highly **diverse patterns** to study a wide range of mechanical stimuli.*

*Whether you are exploring **cancer cell migration**, **immune response**, or **biomaterial interaction**, FakirSlide provides a reliable and innovative solution.*

A New Era for cellular mechanics research