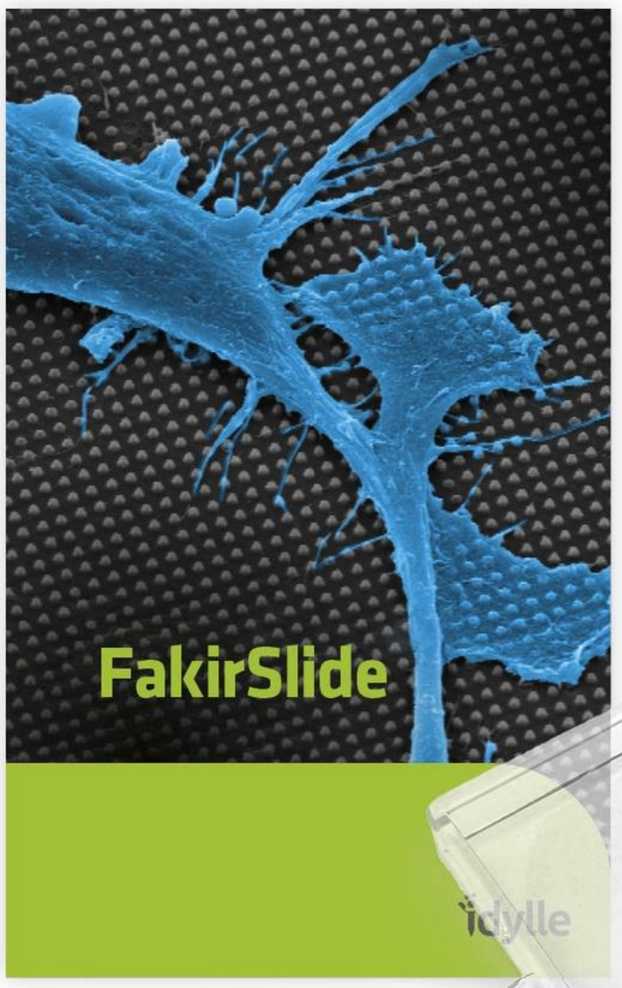


Fakirslide

Nanostructured glass coverslips for cell culture & isolated membranes

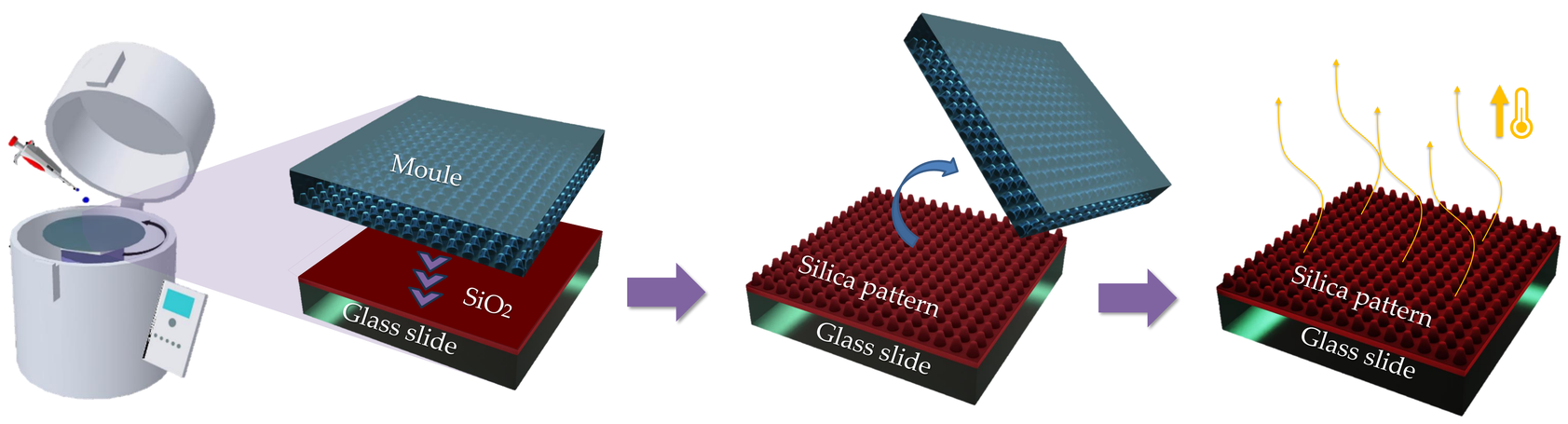
Fakirslide product, designed by nanochemlab team, offers an innovative solution for advanced microscopy studies and cellular experimentation. These substrates enable precise analysis of cell interaction and membrane deformation, providing consistent, high-quality results. They are ideal for scientific research requiring detailed control of the cellular environment.

NanoChemLab
Nanotechnology Chemistry Laboratory

CNRS exploitation agreement L.23733. Soleau envelope

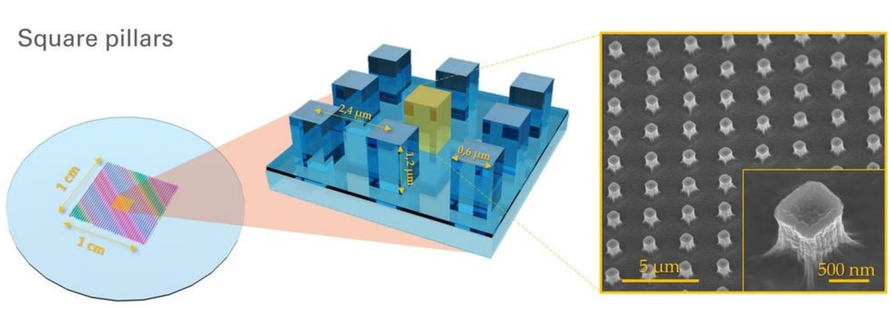
Fabrication

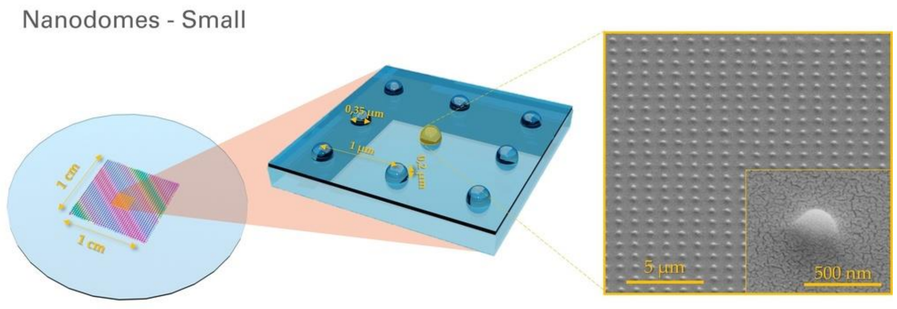
Reproducible and cost-effective Soft-nanoimprint lithography



Deposition (Spin, dip-coating) **Layer molding** **Demolding** **Consolidation**

<u>Production of large quantities of identical substrates with controlled size and morphology</u>

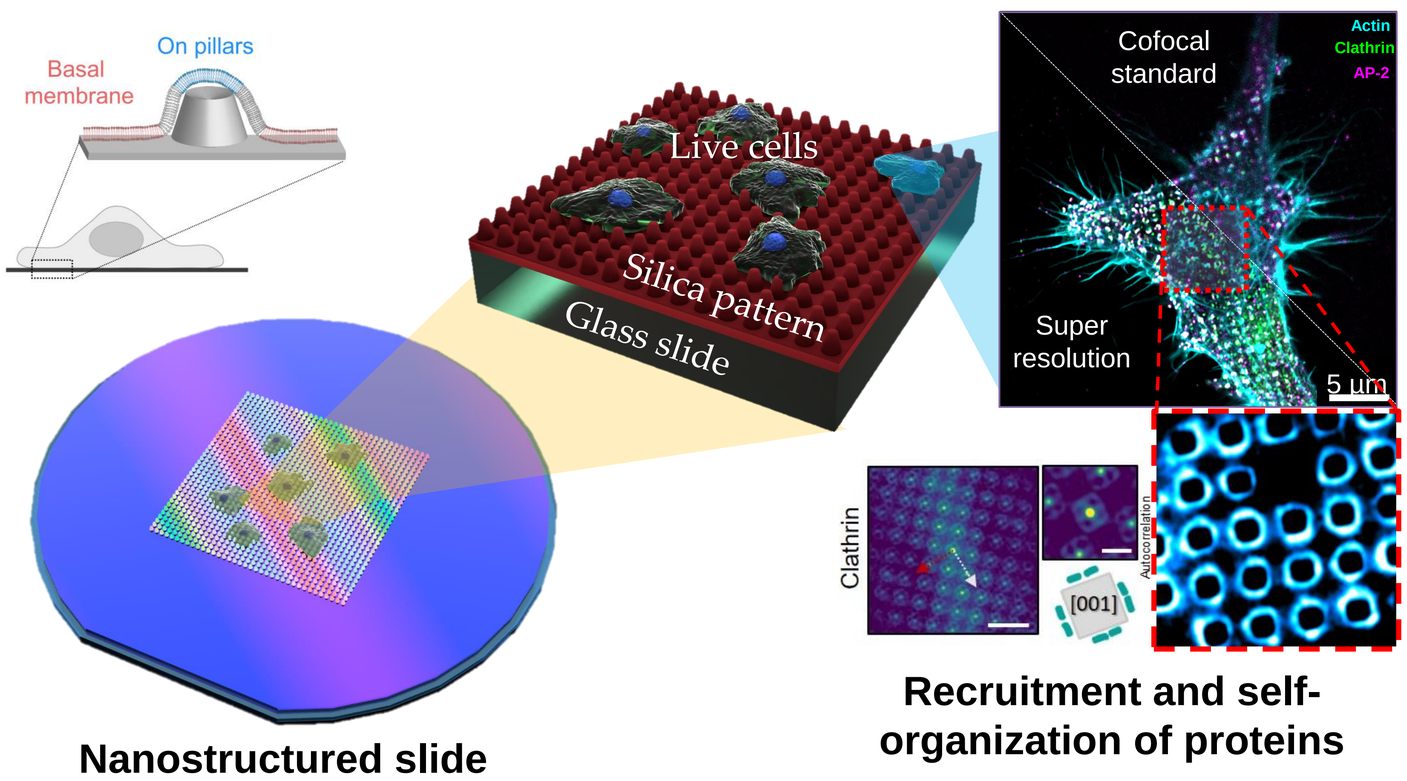




ACS Applied Materials & Interfaces 2020 12 (4), 4732-4740
ACS Appl. Mater. Interfaces 2020, 12, 26, 29000–29012

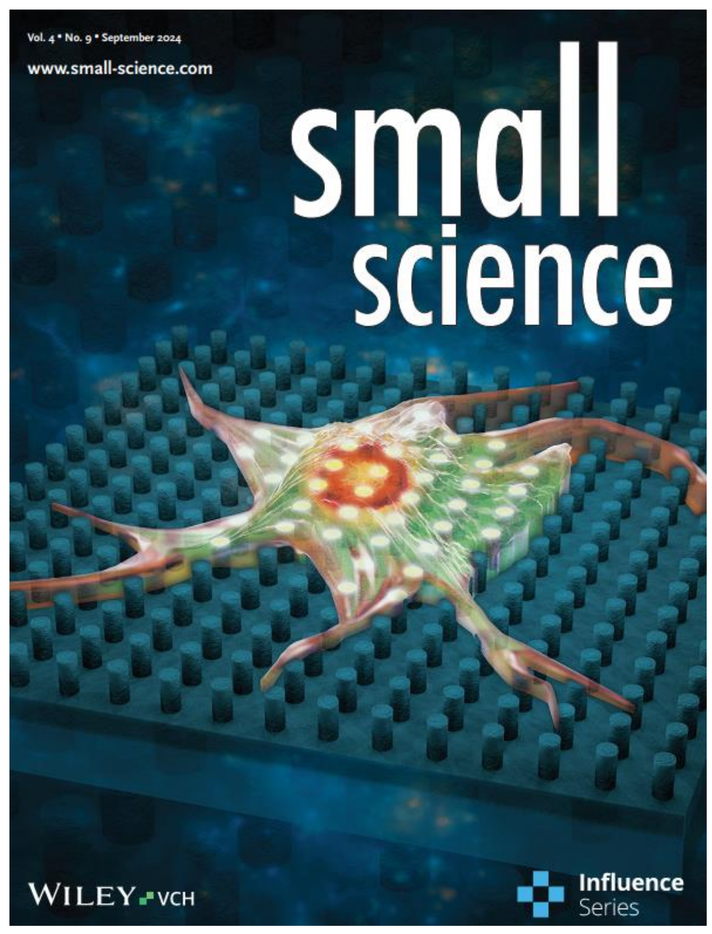
More than six different morphologies at the nanometre scale down to 100 nm.

Cell growth and protein labeling on nanostructured substrates



Nanostructured slide

Recruitment and self-organization of proteins



<u>Ideal for research that requires precision in observing cell interaction and membrane deformation.</u>

eLife 2022;11:e73156 doi: 10.7554/eLife.73156
Smallscience; Volume4, Issue9, 2024. 2400227
bioRxiv; doi.org/10.1101/2024.03.19.585775

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