

Synthesis of a BioMEM System for Direct Delivery of Cancer Drugs

SIGNIFICANT FINDINGS:

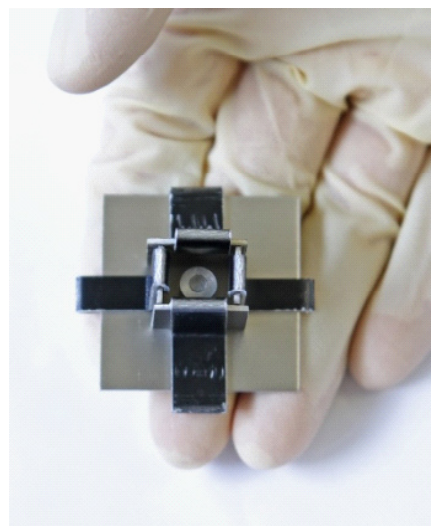
1. Mold of aluminum sheet metal
2. Microgrooves on surfaces
3. Micro-channel replica for sealing
4. Next step: monitoring cell attachment

PROPOSITION:

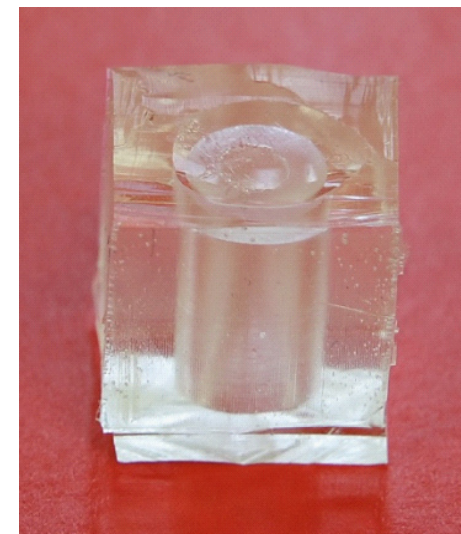
Direct delivery via a bio-micro-electrical-mechanical system (BioMEMS)

AUTHOR(S):

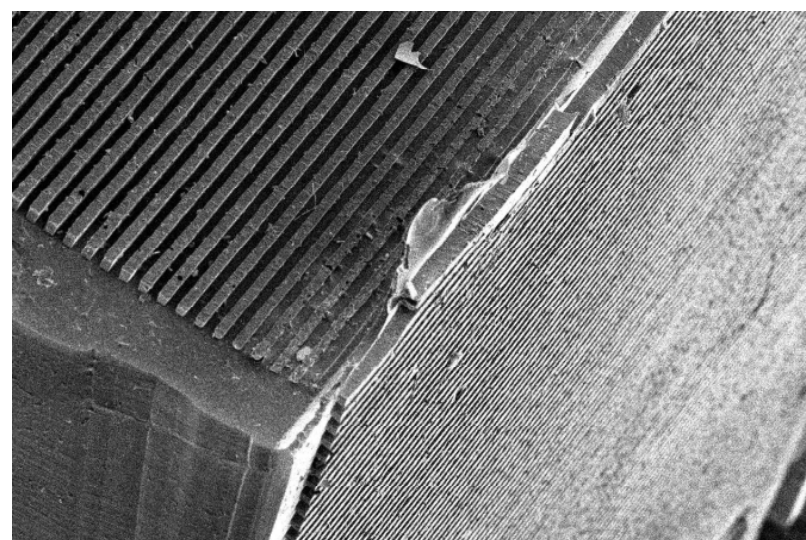
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ALUMINUM PDMS MOLD



FINAL DEVICE CASING



SCANNING ELECTRON MICROGRAPH OF MICROGROOVES ON CASING