

## **The Cellular Capsules Technology**

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We present a simple microfluidic method based on the encapsulation and growth of cells inside permeable, elastic, hollow micro-spheres or micro-tubes. We will present and discuss how this approach may help us understand the biomechanical regulation of tumor progression and cell escape. We also describe applications in bioengineering for the production of cysts and organoids that can be used for cell therapy or high throughput toxicity assays.