

### Synthesis of monodisperse microspheres from the Laplace pressure induced droplets in micromolds

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Here, we propose a novel method of synthesizing spherical monodisperse microspheres through surface-tension-induced flow. Simple mold design using the surface tension-driven flow concept can generate spherical particles. We provide a synthetic route to produce spherical particles in micromolds for various reaction schemes: UV-polymerization, sol-gel reactions and colloidal assemblies.