



Showcasing research on new seed particles for high-throughput acoustofluidic systems from Professor Aman Russom's laboratory, Department of Protein Science, Nanobiotechnology Division, KTH Royal Institute of Technology, Stockholm, Sweden.

EchoSeed: Pioneering new seed particle materials for acoustofluidics

New bead materials such as stainless steel, titanium and barium titanate glass can be levitated into microfluidic acoustic clusters. Here, in the EchoGrid device, we observe a high concentration of 2- μm silver-coated silica particles enriched into a 1-mm acoustic cluster, forming tiers and petals that rotate around a central point.

Image 'Azureflame Rose' winner of Acoustofluidics 2024 Best Acoustofluidics Research Image.

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