

How the PIXUL™ Multi-Sample Sonicator Simplifies Sample Preparation for Omics Applications.



Next-generation sequencing applications, such as ChIP-Seq, RNA-Seq, RIP-Seq, exome sequencing, and whole genome sequencing, require precise sample fragmentation (200-600 bp) for compatibility with short-read sequencing platforms. Shearing by physical sonication, as opposed to enzymatic methods, is preferred for its unbiased nature and ability to produce a relatively narrow fragmentation profile.

However, most currently available sonication systems are incompatible with high-throughput sample processing or require expensive proprietary plates or tubes. PIXUL is a multi-sample focused ultrasonicator that delivers extremely consistent shearing of up to 96 samples processed in parallel and is fast, simple, and inexpensive to operate. PIXUL can be used for genomics, transcriptomics, and epigenetics applications, but also for proteomics and sample preparation (cell lysis).



Registration



Scan the QR code or
Click [HERE](#).

Thursday, December 4th, 2025

10:30-11:30am

Online

Anne-Sophie Ay-Berthomieu (Speaker)

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