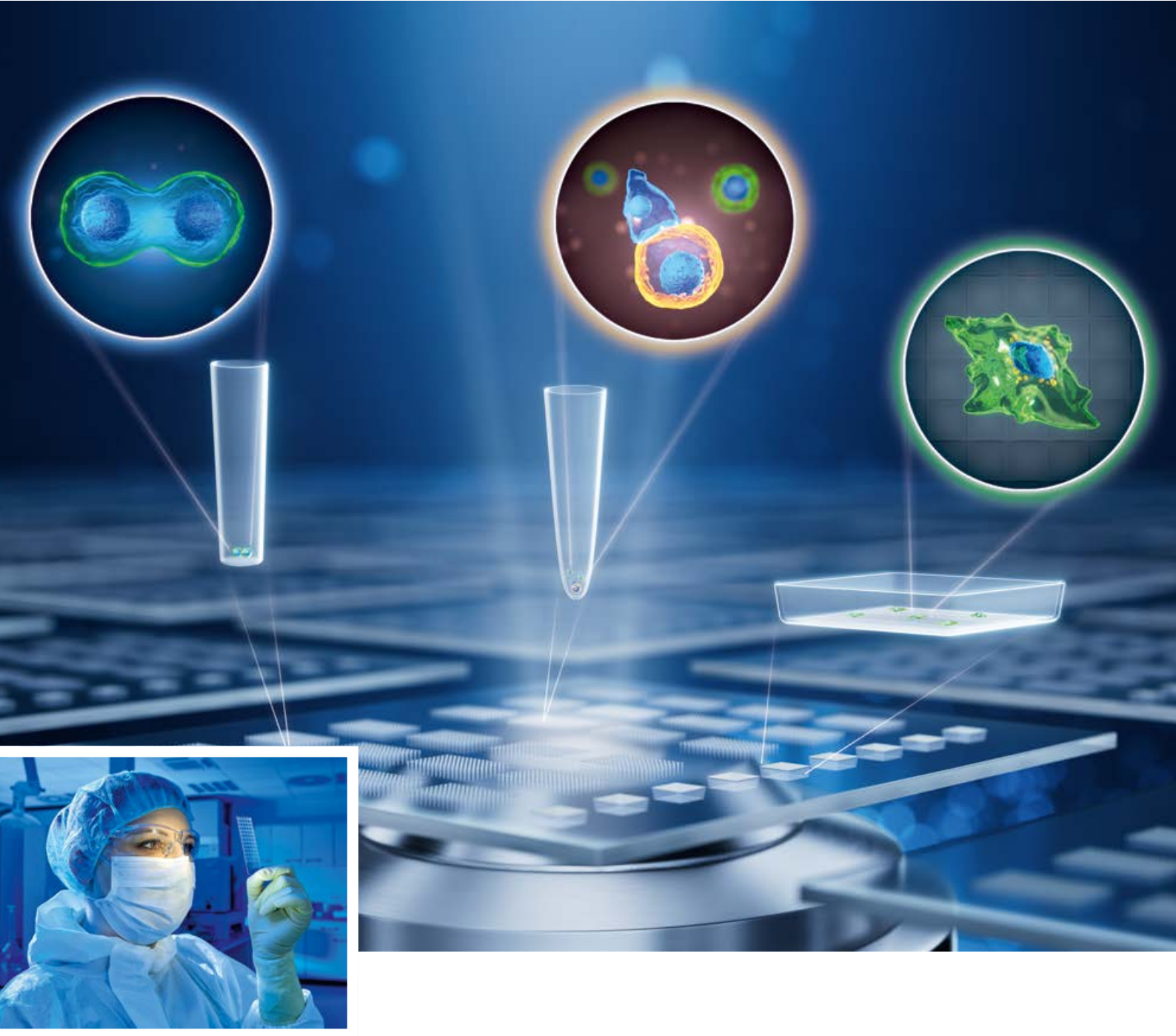


ARRALYZE® Glass Arrays
Microwells for Macro Results



High Precision for High Throughput

With our proprietary technology we can provide absolutely defect-free and high-aspect-ratio microfeatures in glass. The microfeatures can be wells or more complex shapes such as pockets with arbitrary shapes, channels or grooves. Feature sizes can range from twenty micrometers to several hundred micrometers.

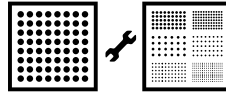
Our manufacturing process is compatible with most commercial glass types. Also, it is a digital process which allows you to even design your own arrays that match your cell experiment best. Arrays are available as bare glass chips or on bottom of dishes, chambers and other standard formats. Of course, you can also pick a design from our portfolio. Take advantage of the benefits that glass as an inert and highly transparent material offers and start your cell experiments right away!



Low Sample Volume

No need to compromise on the number of experiments!

- Reduce costs due to small sample volumes
- Well dimensions fit single cells and cell clusters
- High number of parallel experiments due to small footprint



Customizable Arrays

We put freedom of design back into your assays!

- Arrays can be tailored to your experiment
- Most silicon dioxide-based glass types possible
- Wide range of shapes and dimensions for wells feasible

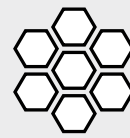
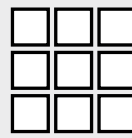
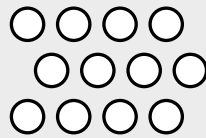
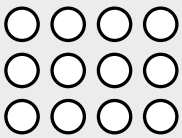


Inert Matrix

Rely on your experimental results!

- Our arrays are 100% glass, an ideal material for bio sciences
- No cross contamination by diffusion processes
- No depletion of reagents into glass matrix

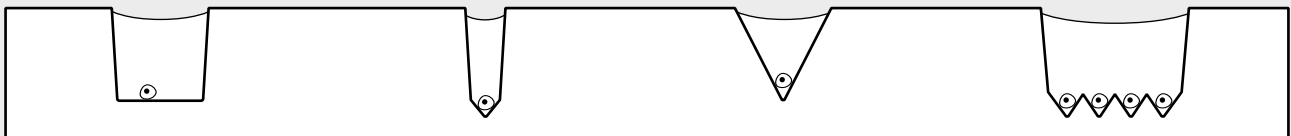
Layout Examples (Top View)



Circular wells (min. diameter: 20 μm , min. spacing: 10 μm , max. aspect ratio (depth:diameter): 40:1)

Arbitrary shapes (min. diameter: 200 μm , min. spacing: 10 μm , max. depth: 700 μm)

Typical Well Shapes (Cross-Section View)



Flat bottom well

Tapered bottom well

Conical well

Dimpled bottom well

For research use only

Patents Pending



Contact us at: info@arraylize.com
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