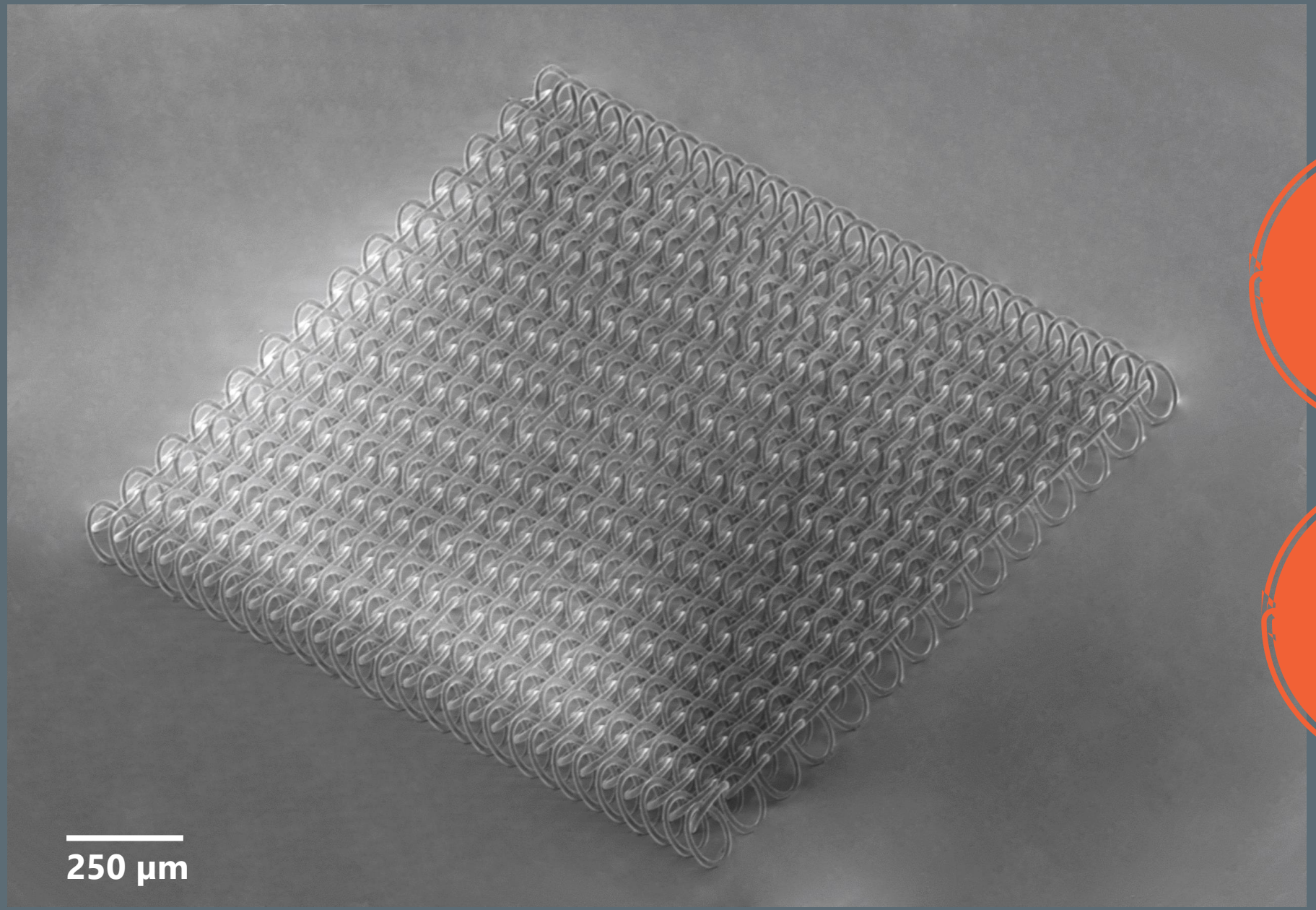
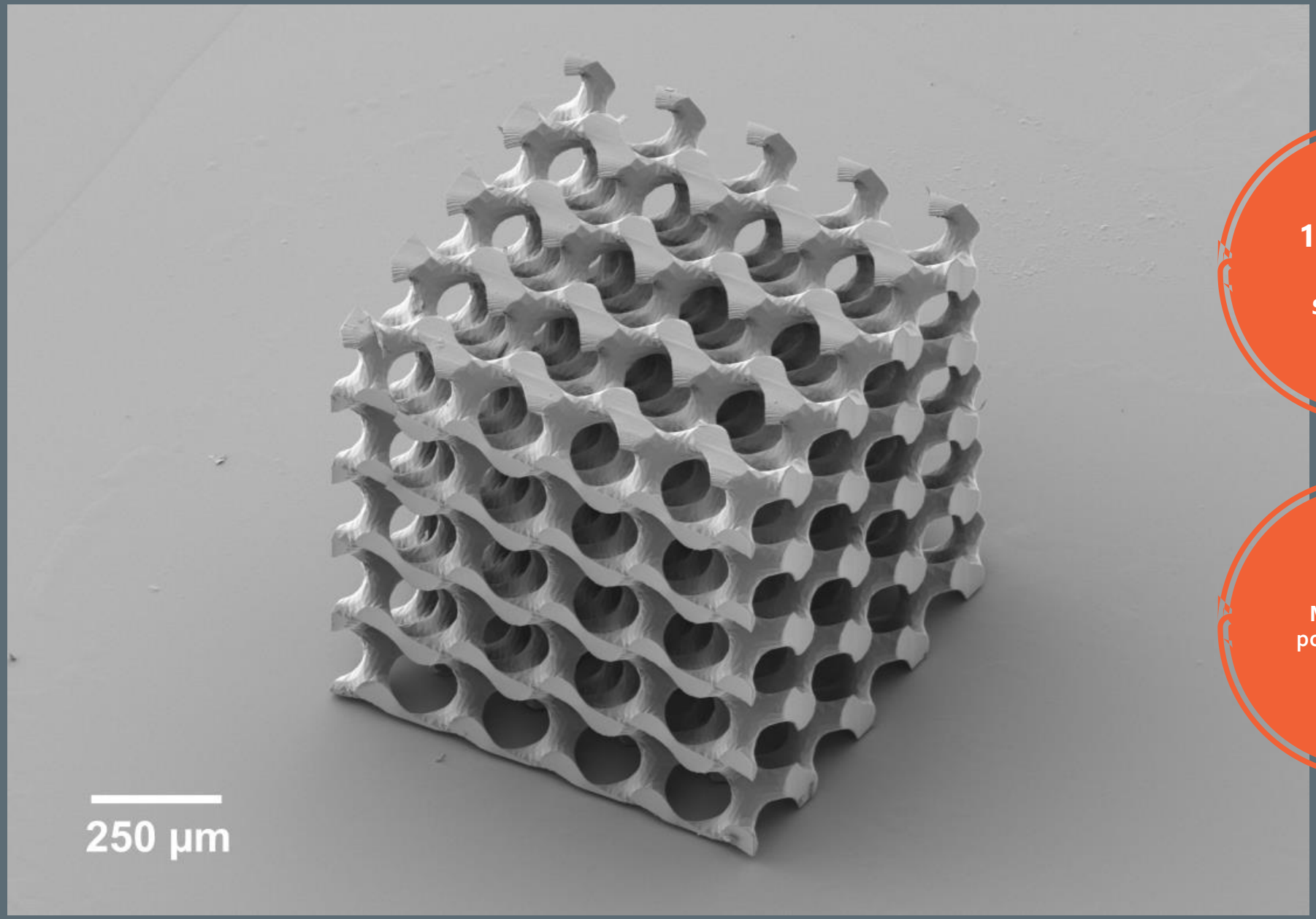
femtika



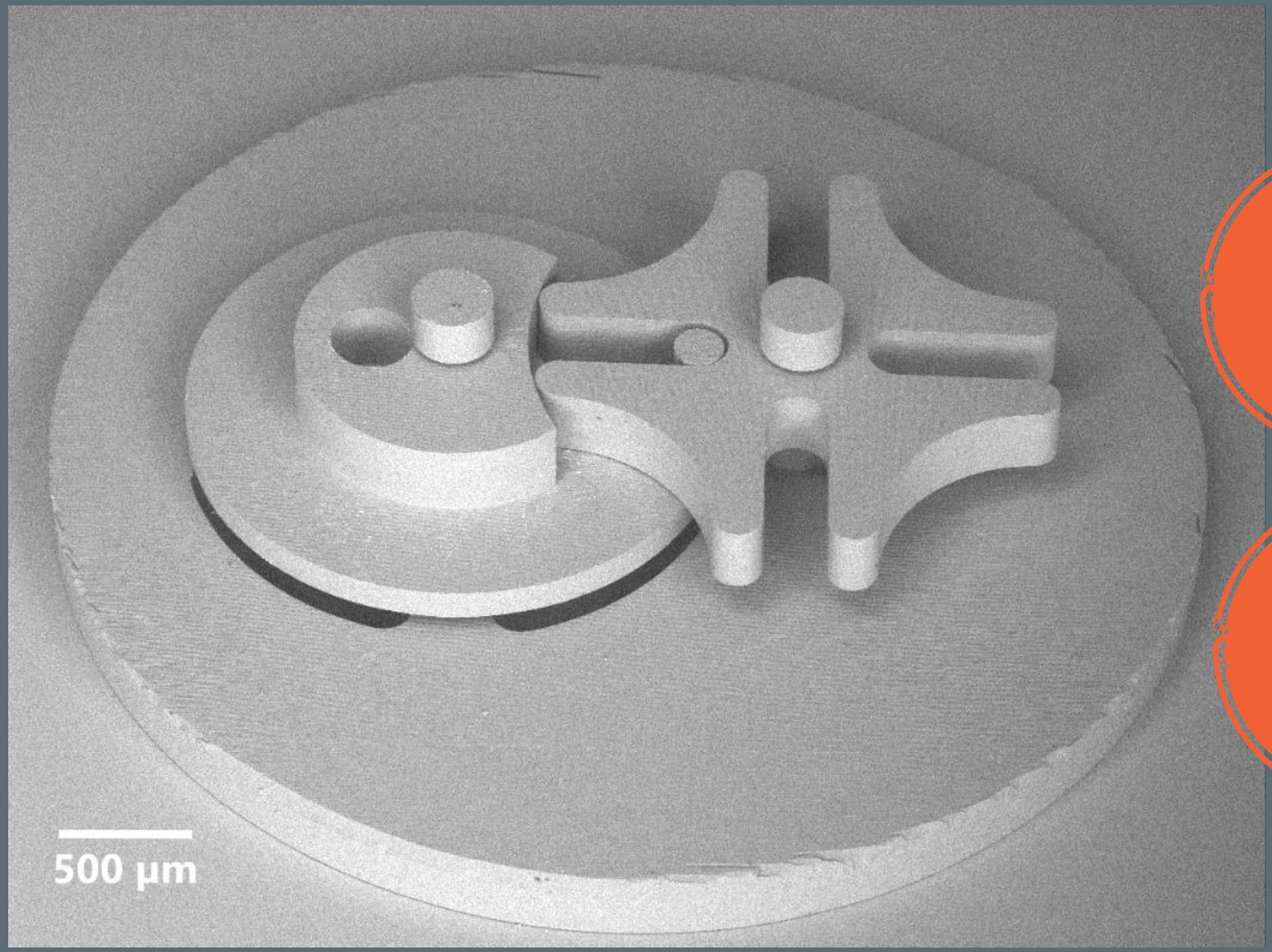
Chainmail structure

Multiphoton polymerization



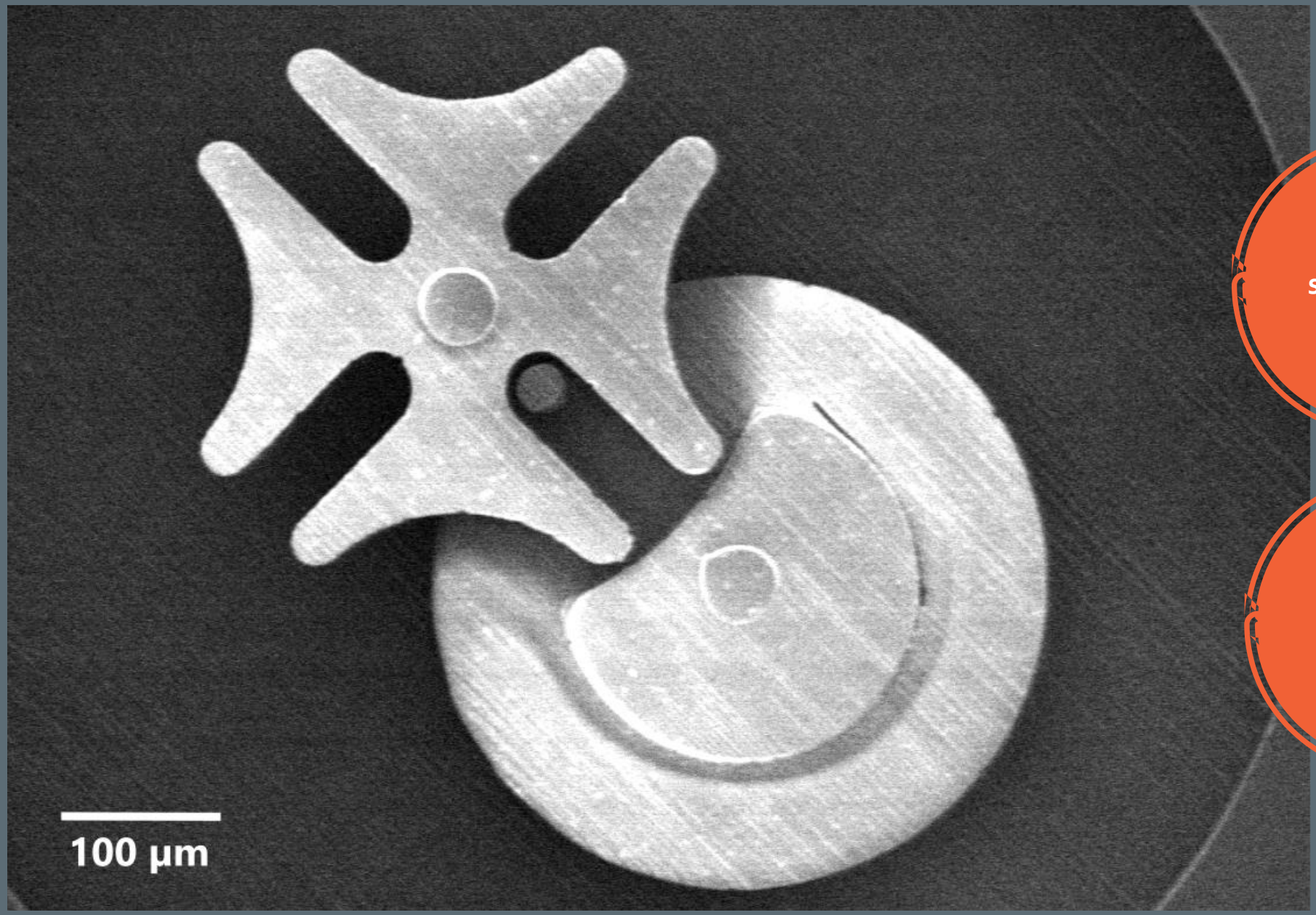
1x1x1 mm gyroid structure

Multiphoton polymerization



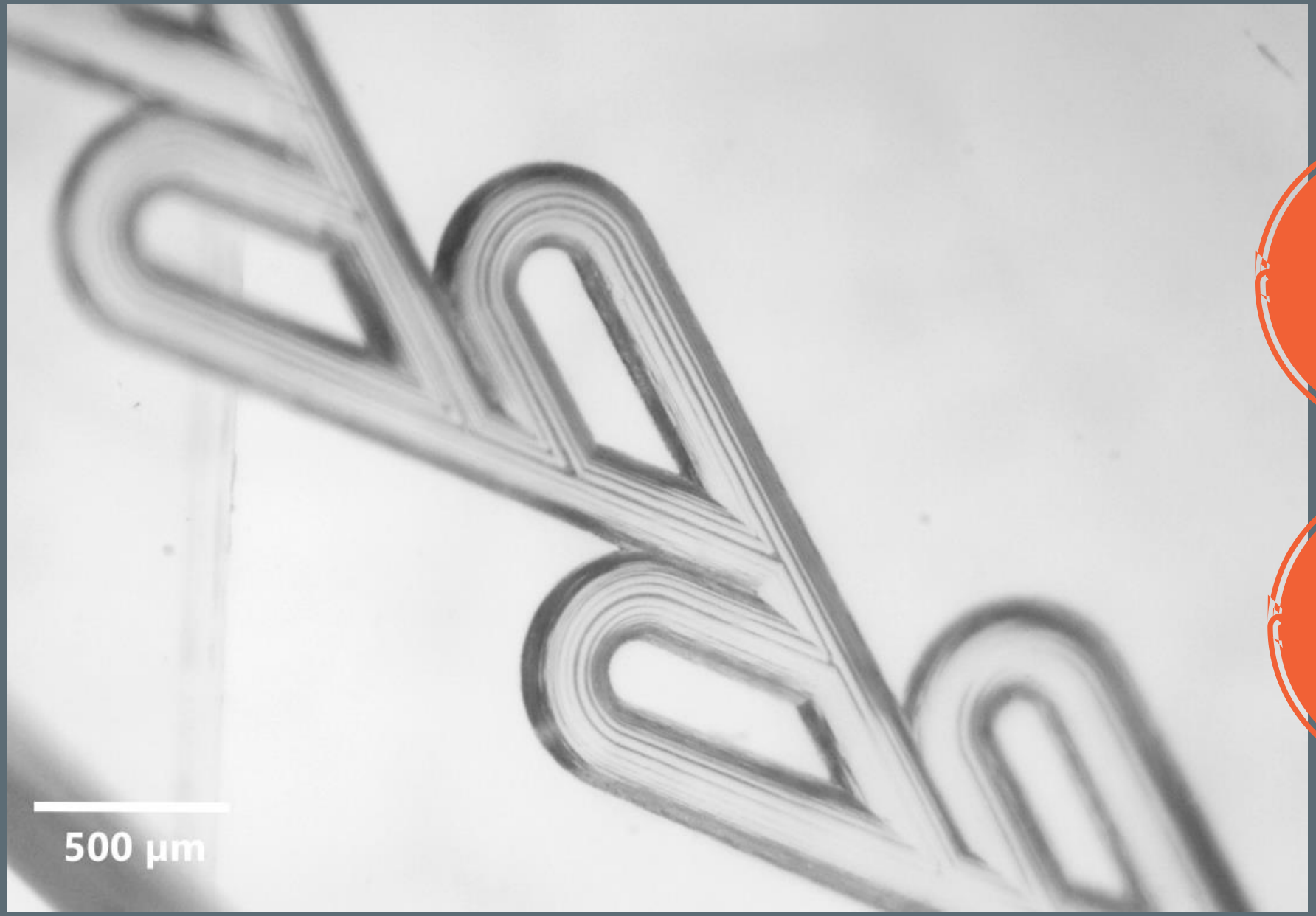
Geneva structure of glass

Selective laser etching



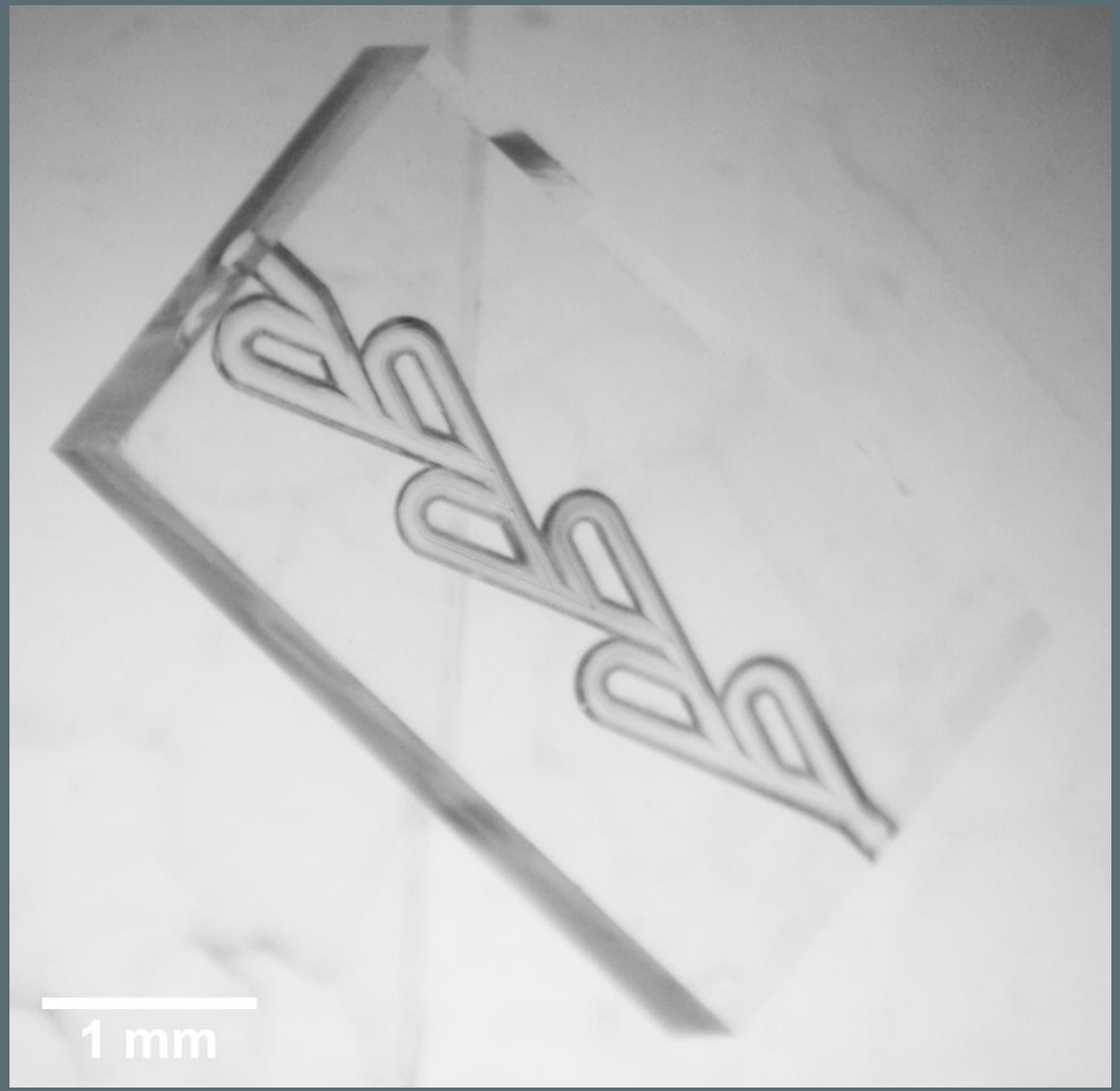
Geneva structure of glass

Selective laser etching



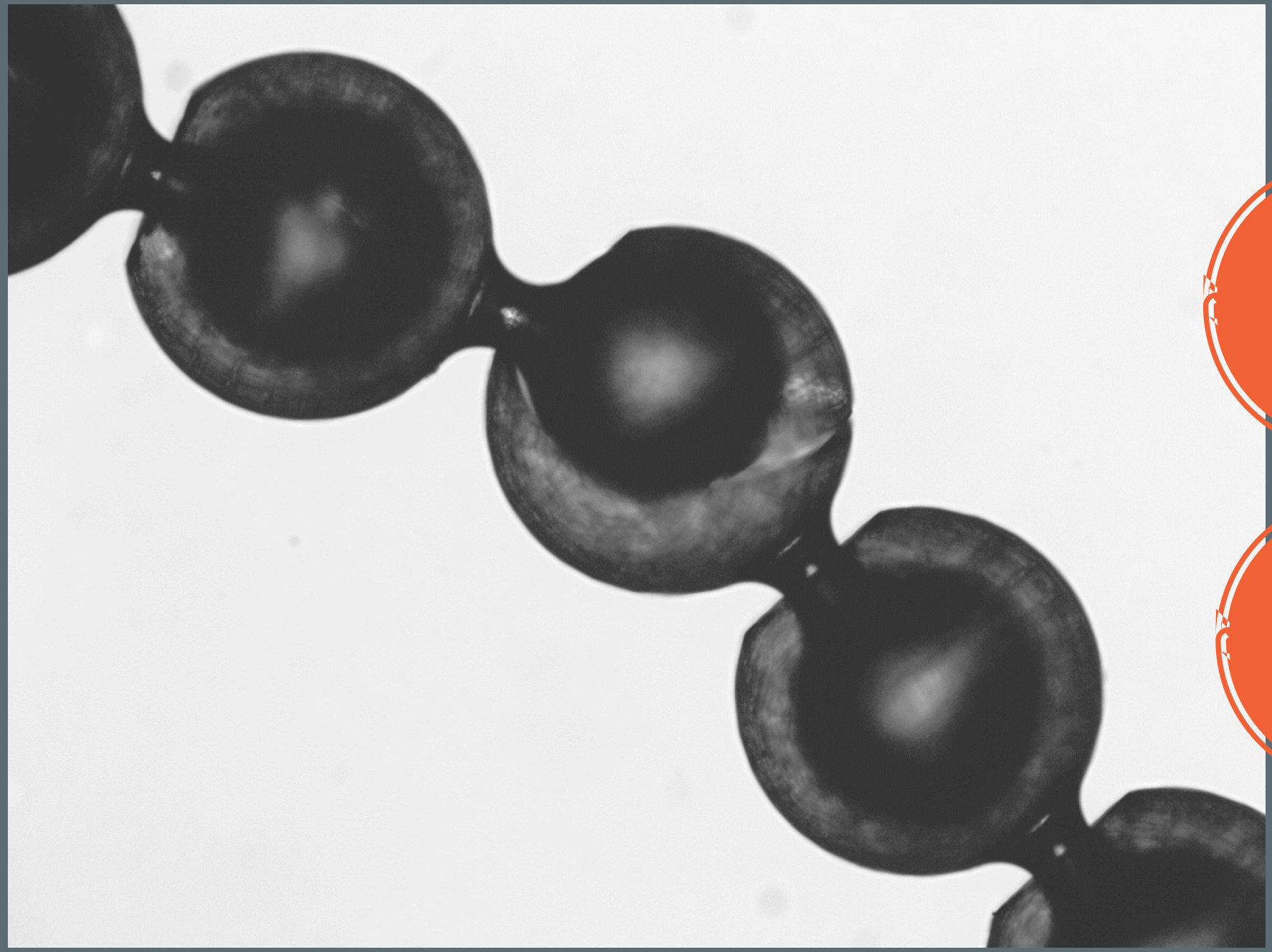
Tesla valve in glass

Selective laser etching



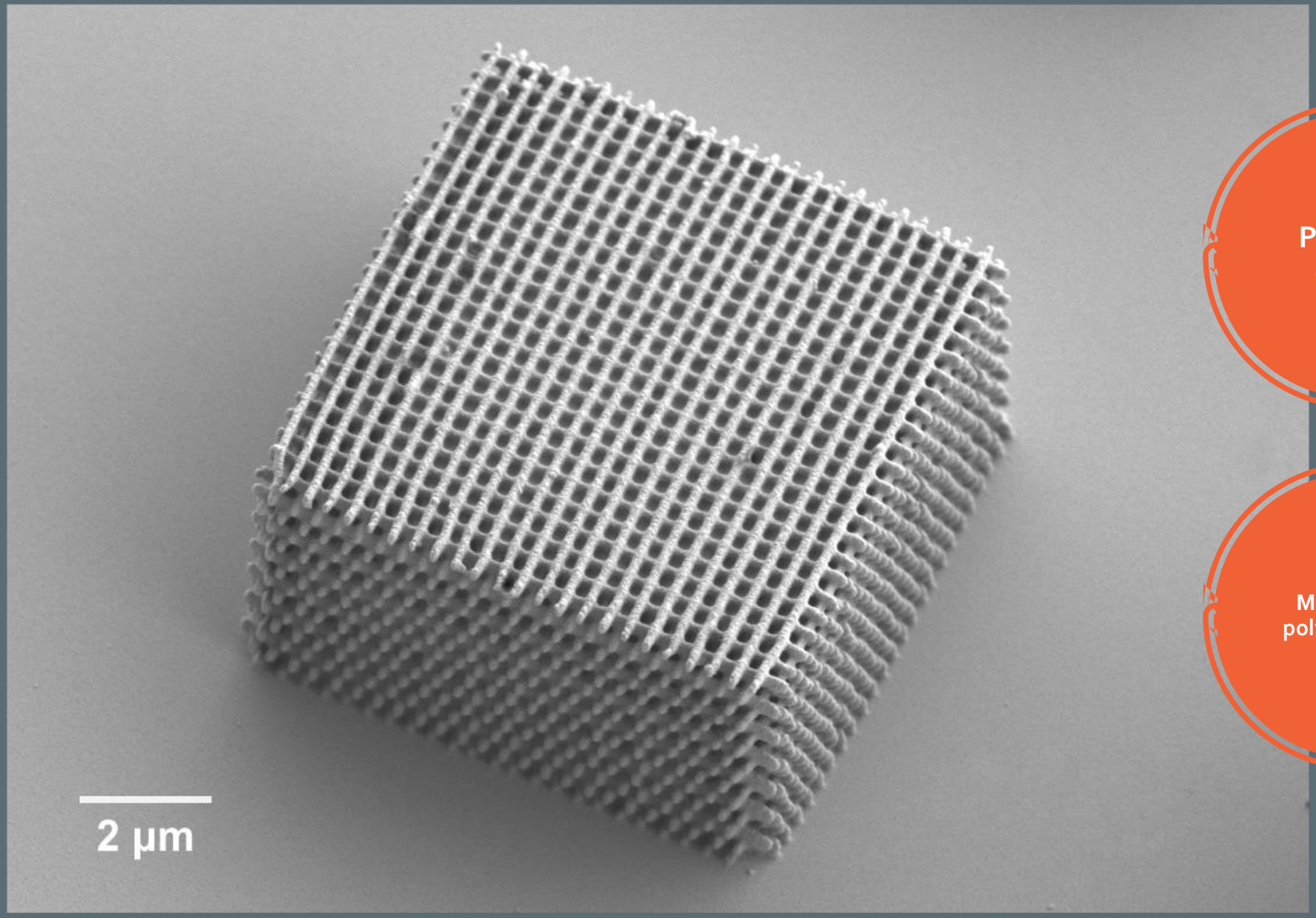
Tesla valve in glass

Selective laser etching



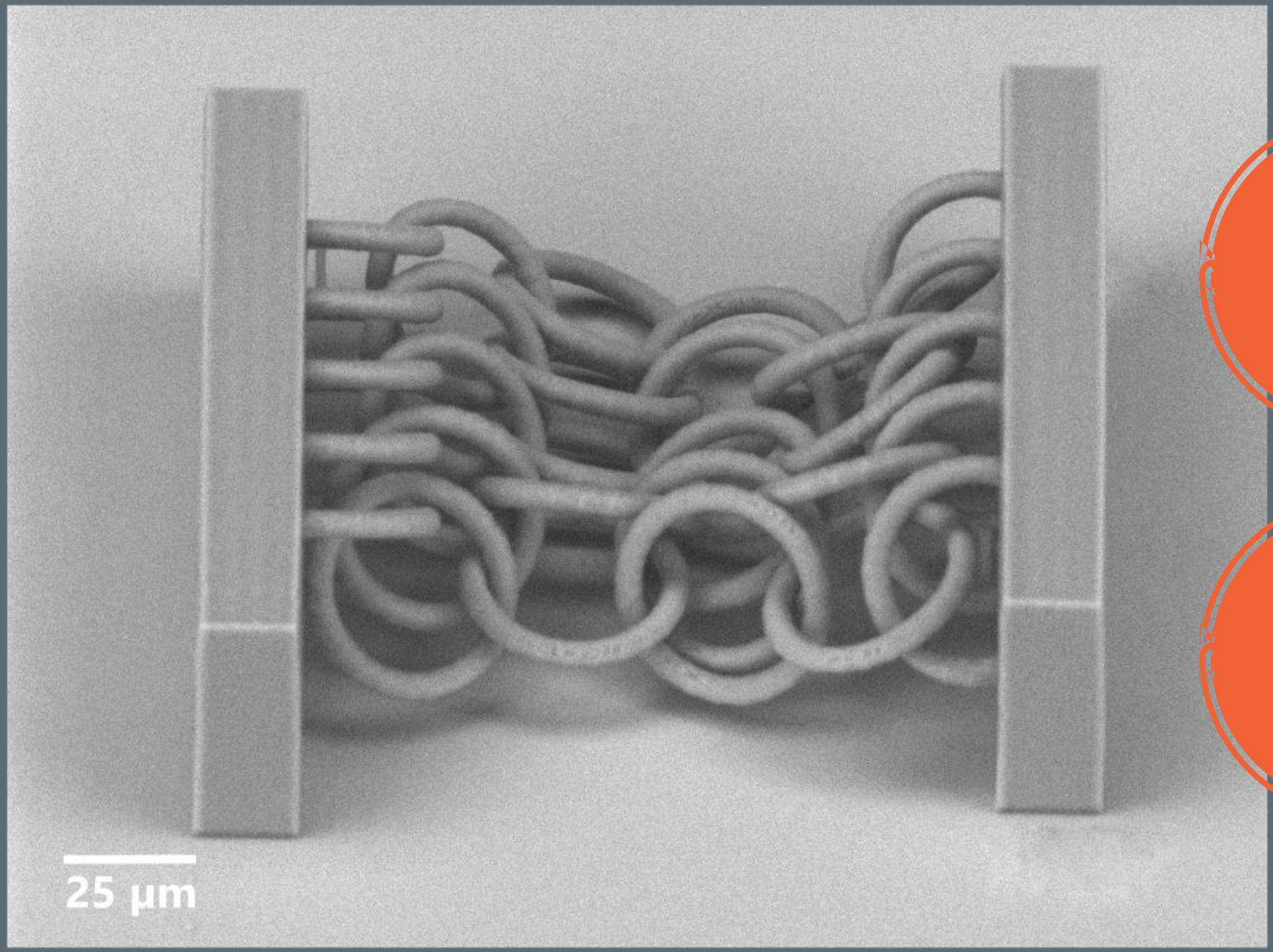
Glassy 3D movable structure

Selective laser etching



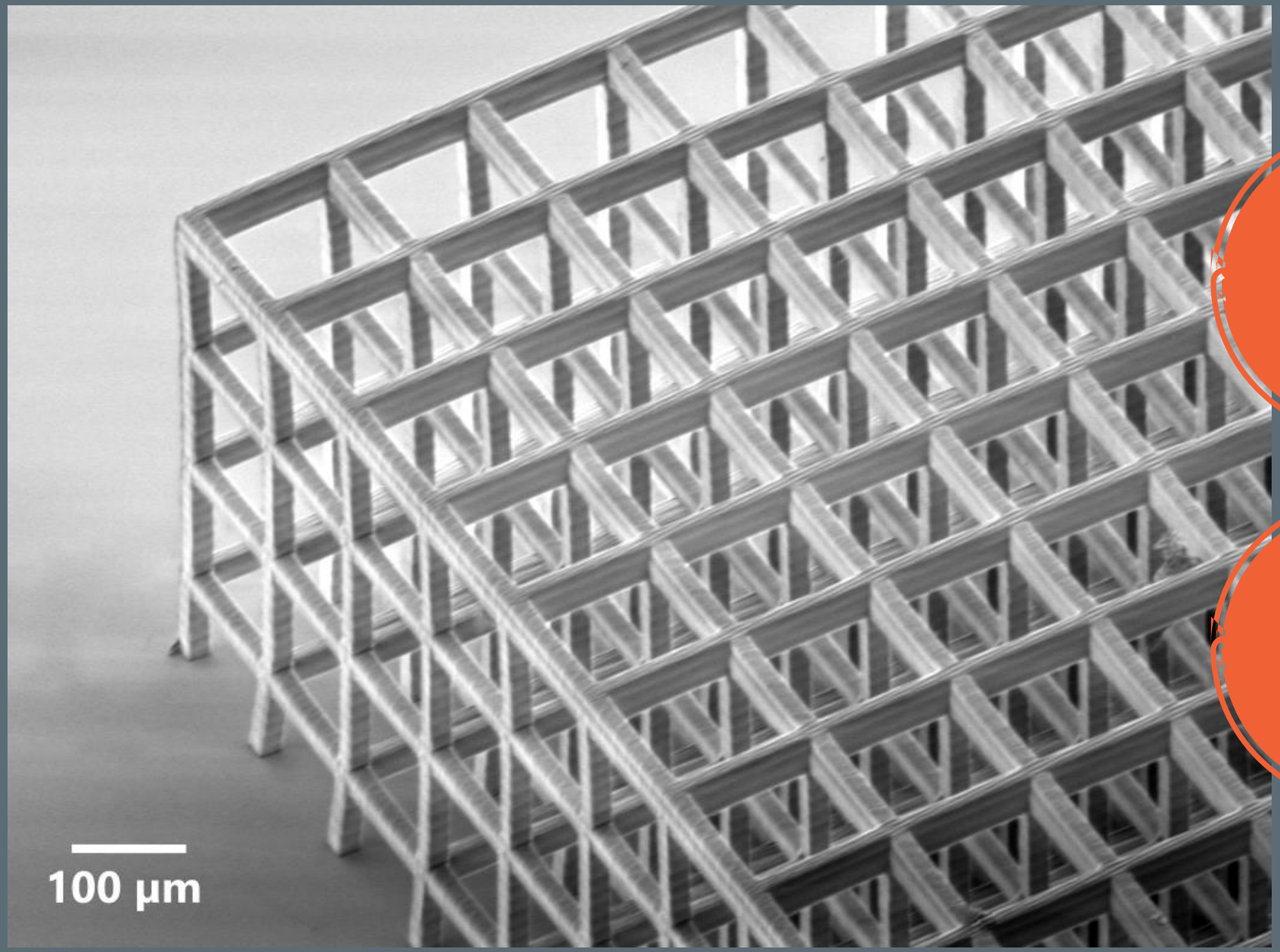
Photonic crystal

Multiphoton polymerization



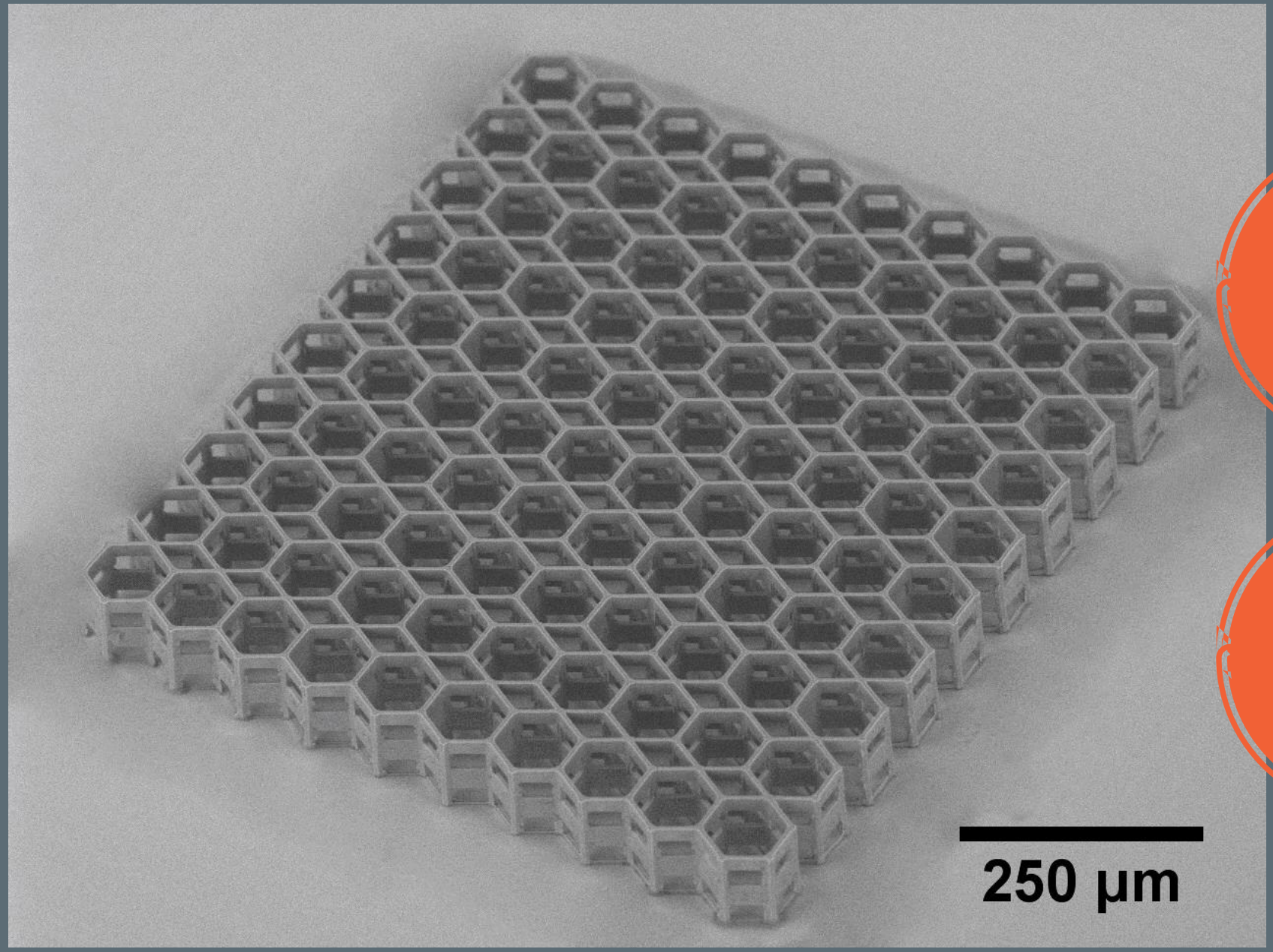
Chainmail structure

Multiphoton polymerization



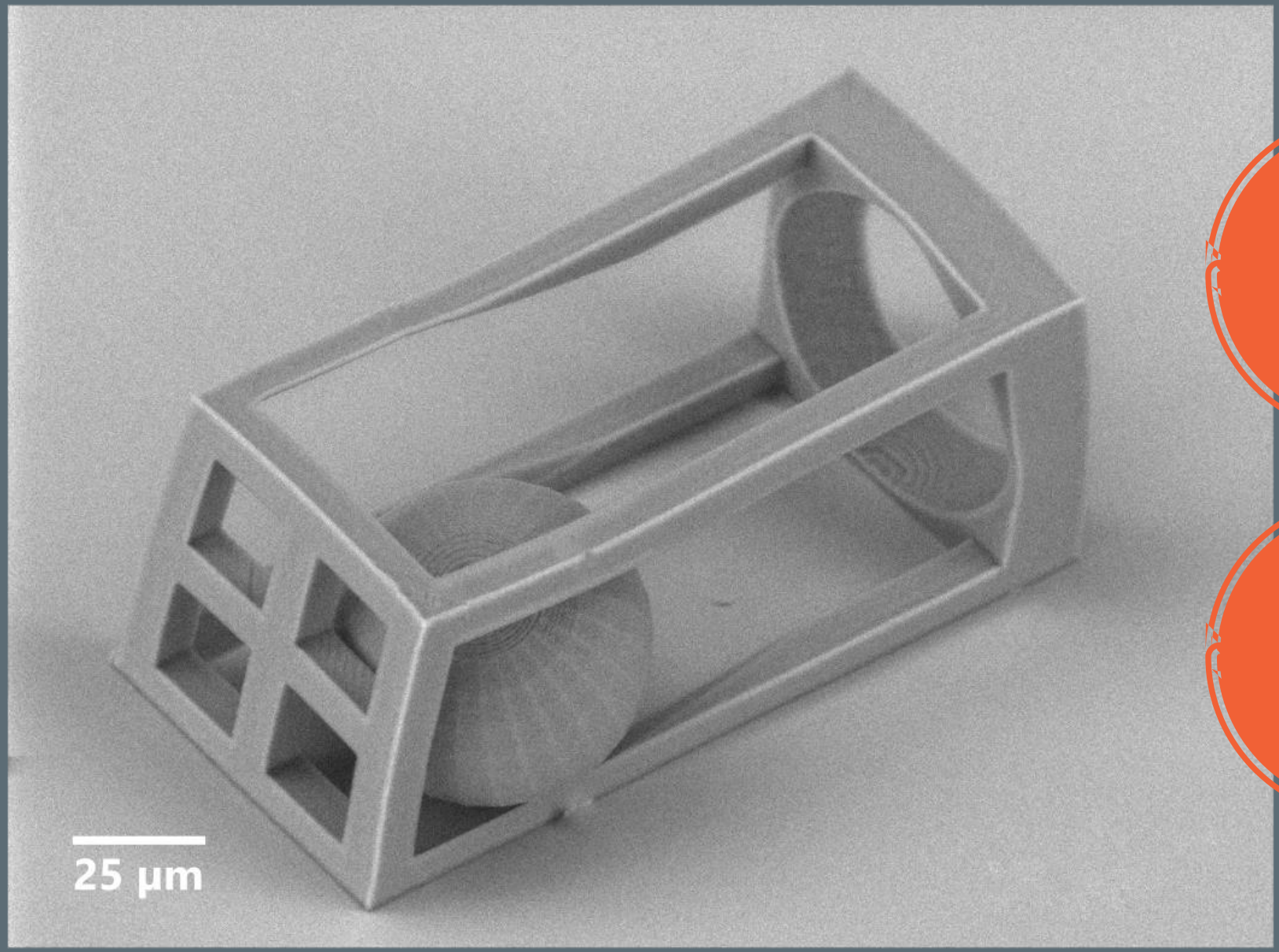
Scaffold

Multiphoton polymerization



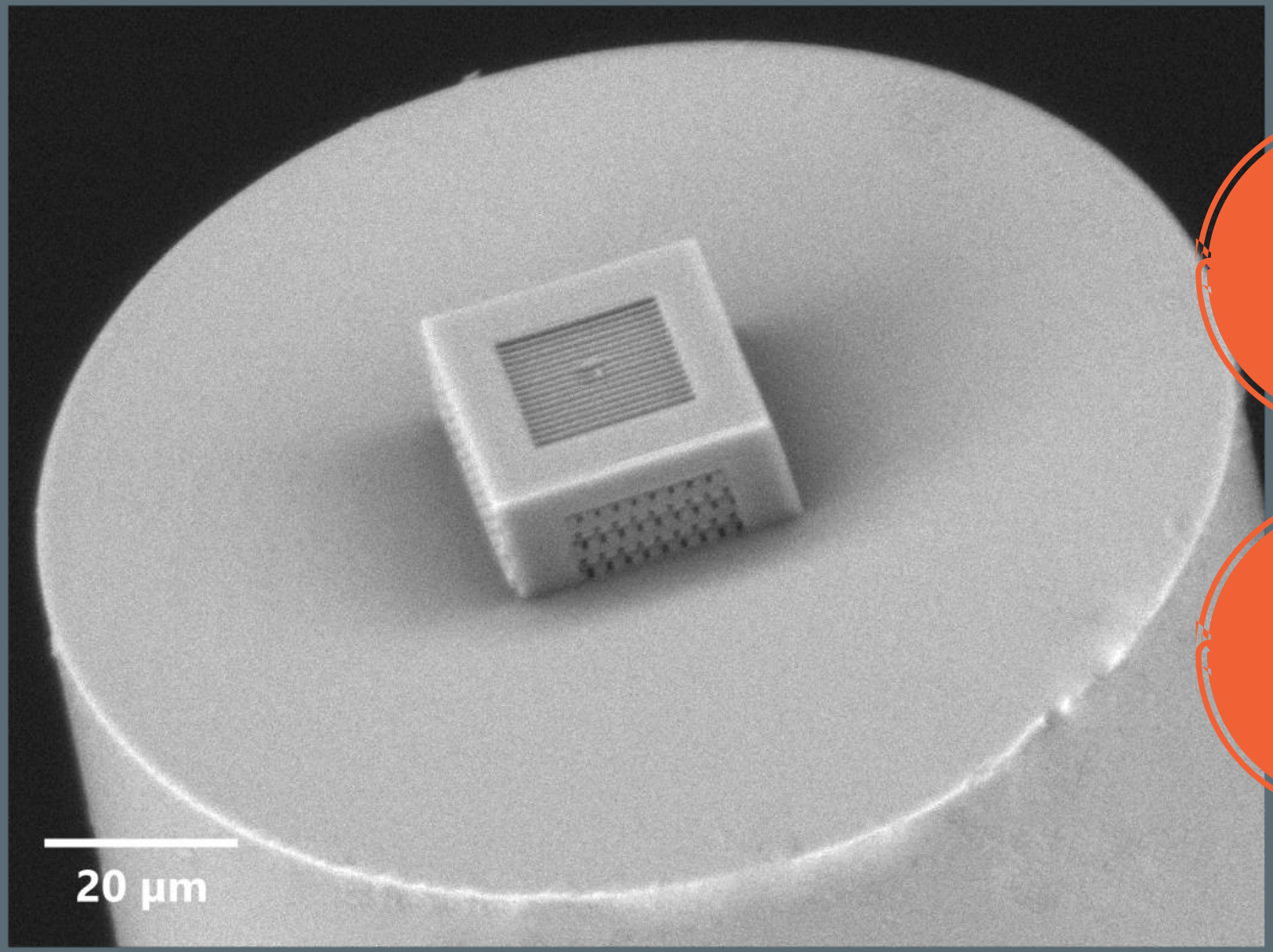
Hexagon scaffold

Multiphoton polymerization



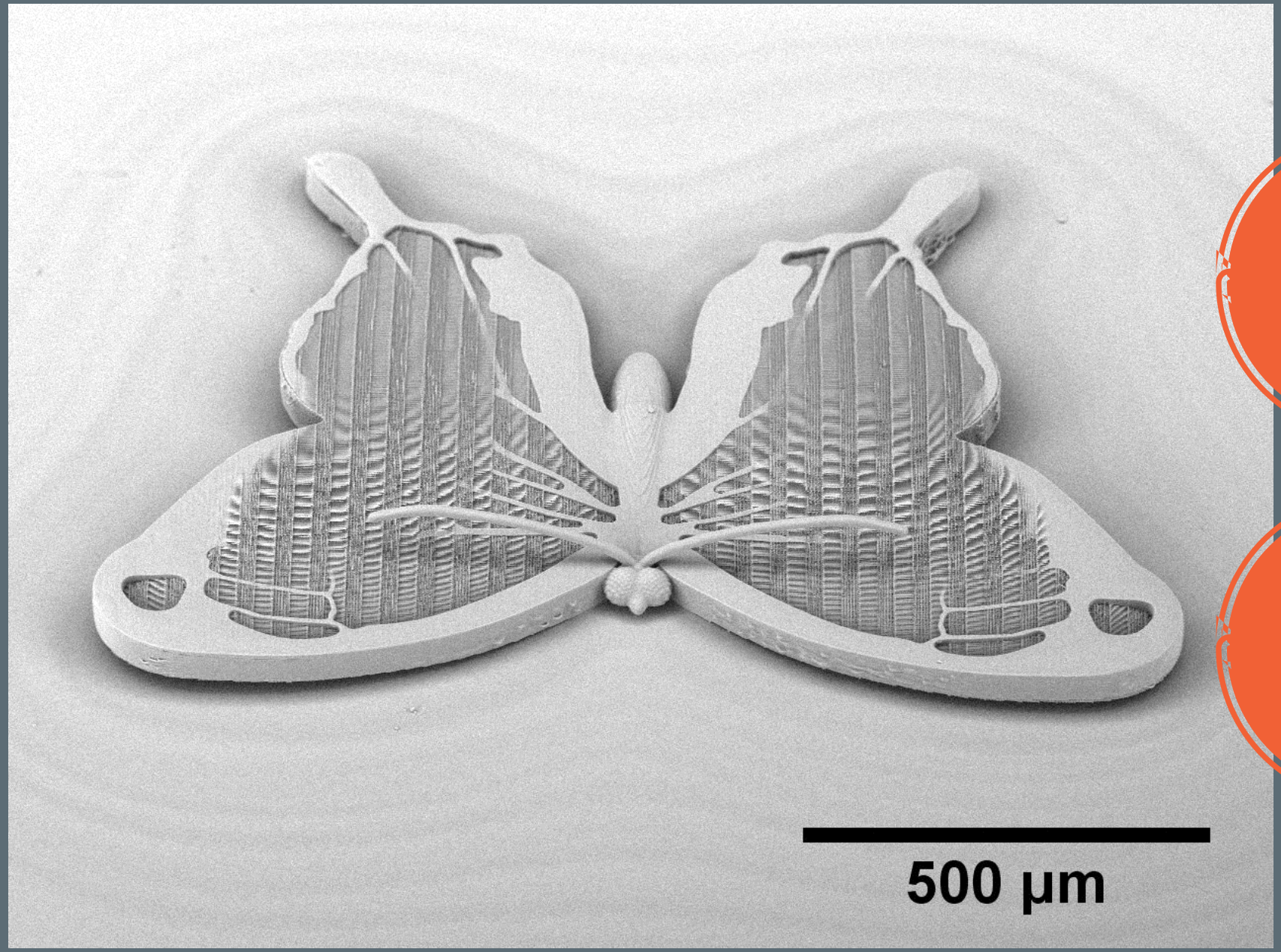
Free movable structure

Multiphoton polymerization



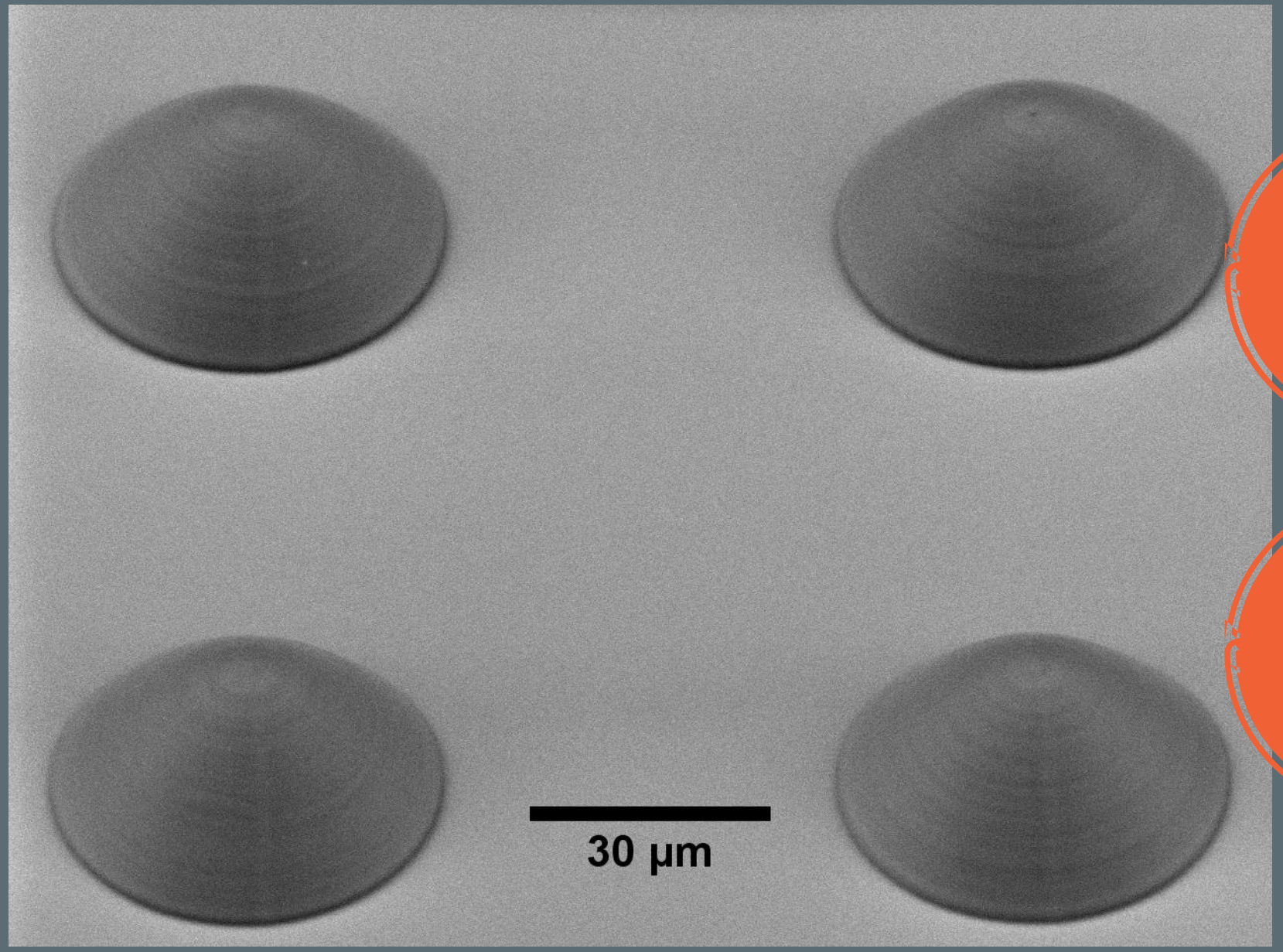
On the fiber tip

Multiphoton polymerization



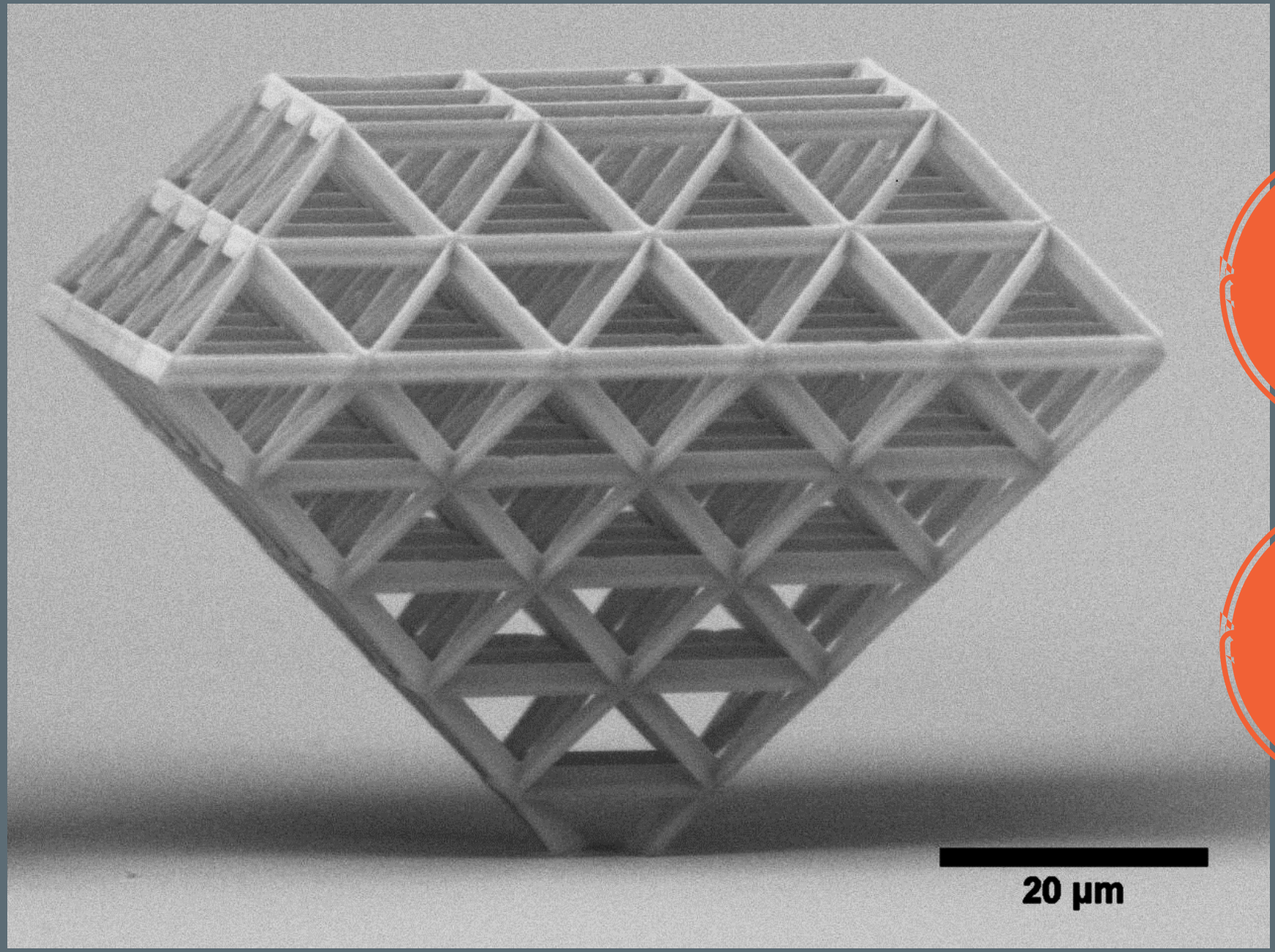
Milimeter-sized 3D butterfly

Multiphoton polymerization



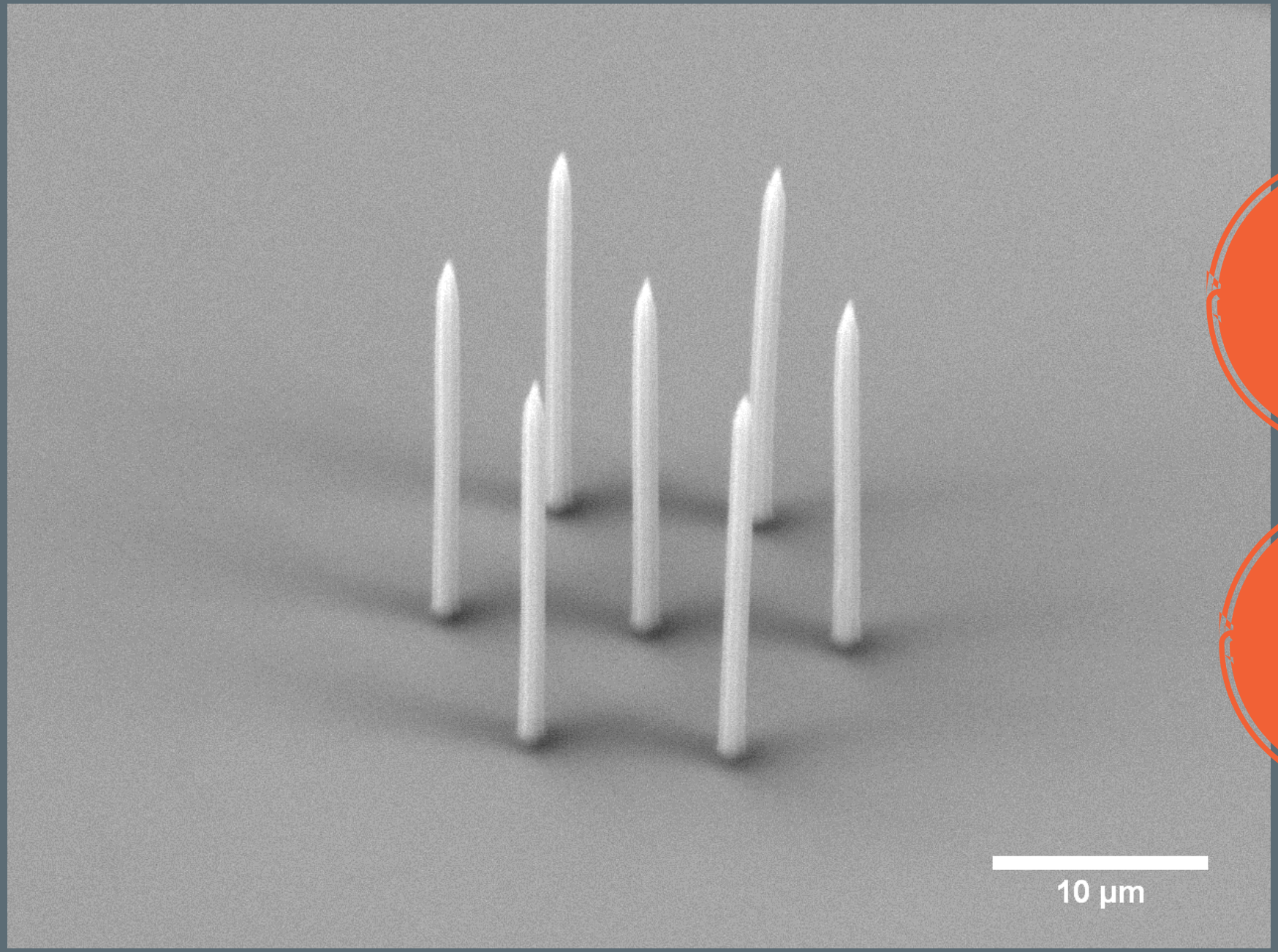
Micro lenses

Multiphoton polymerization



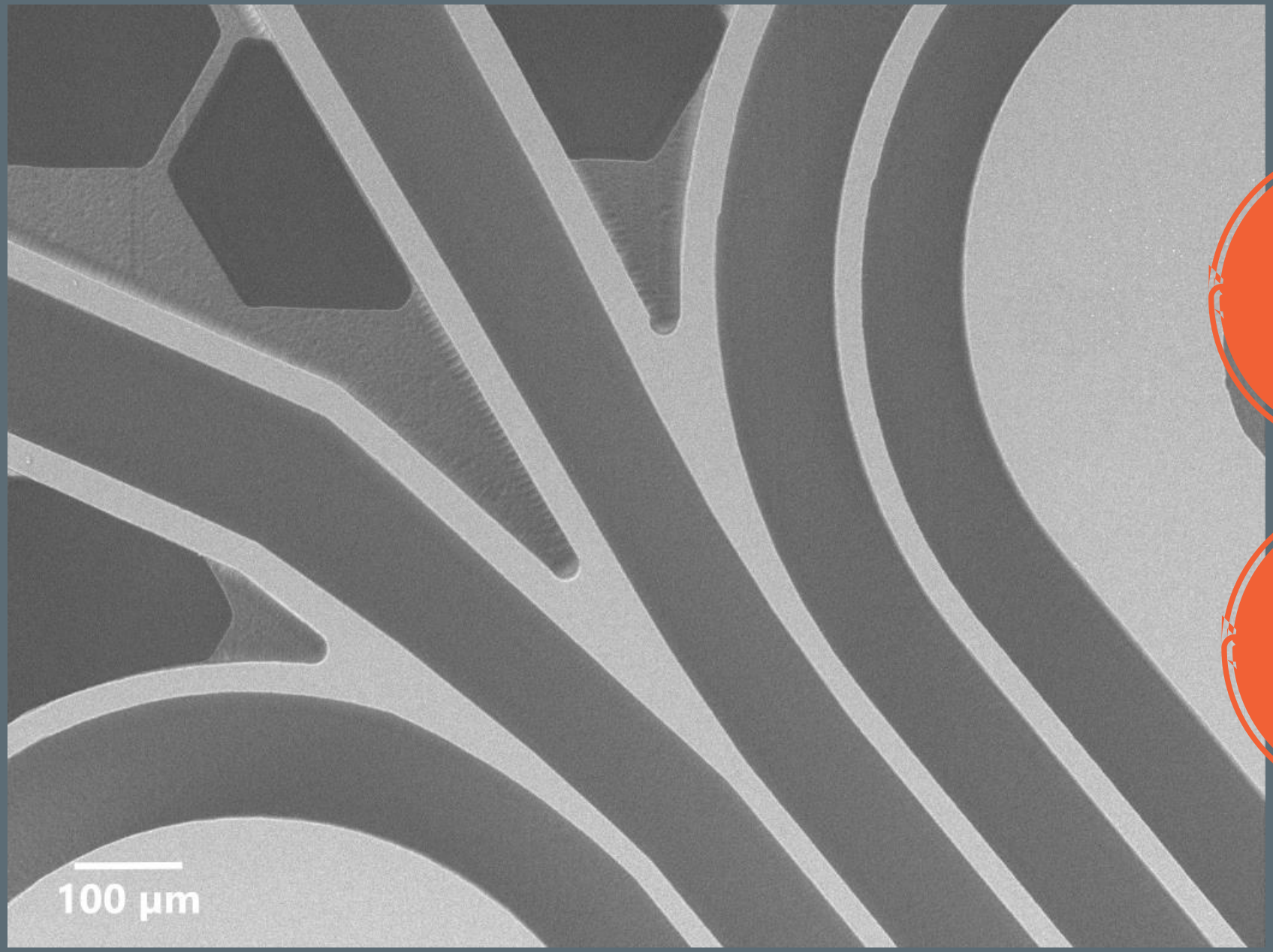
Complex 3D structure

Multiphoton polymerization



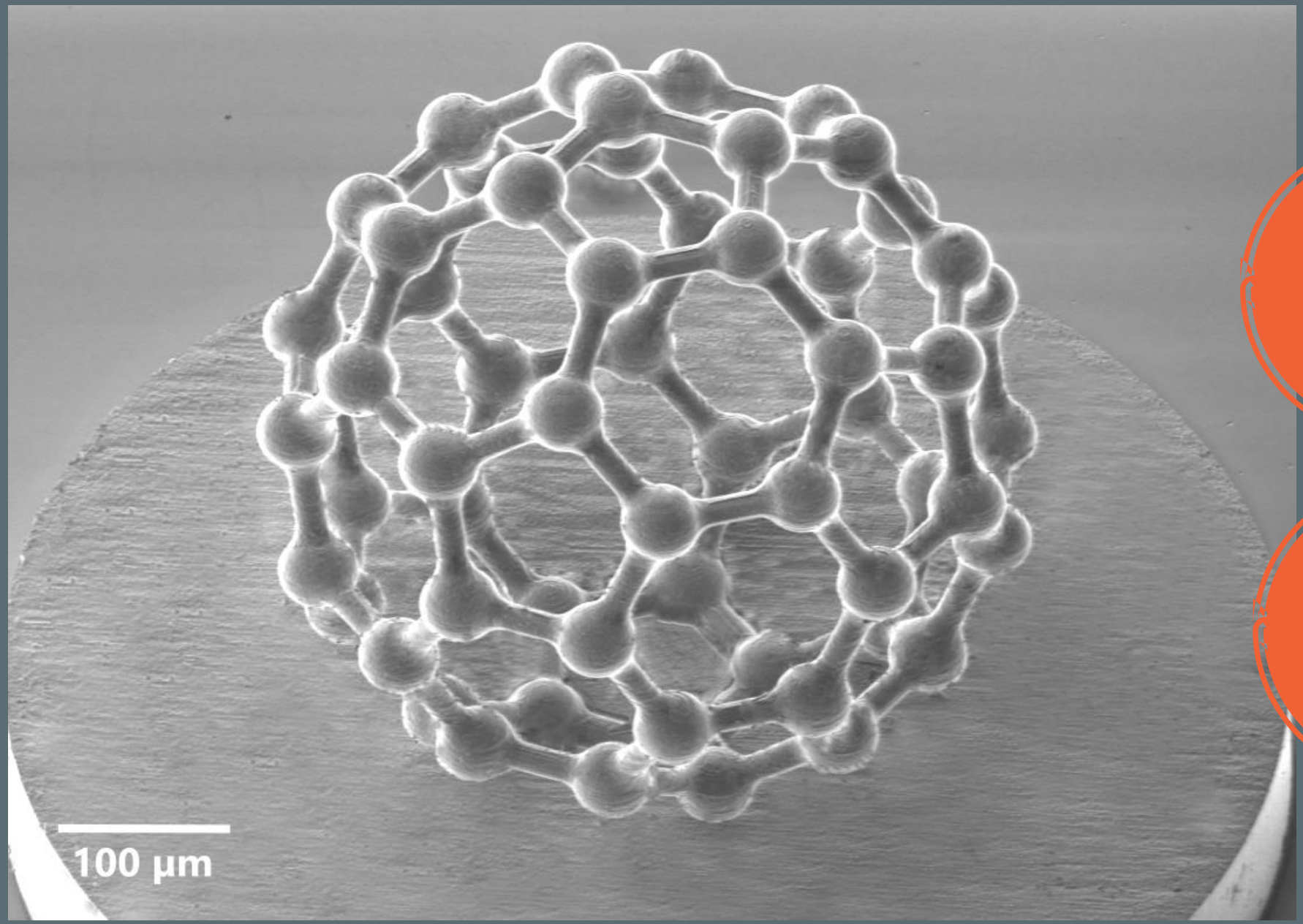
Micro needles

Multiphoton polymerization



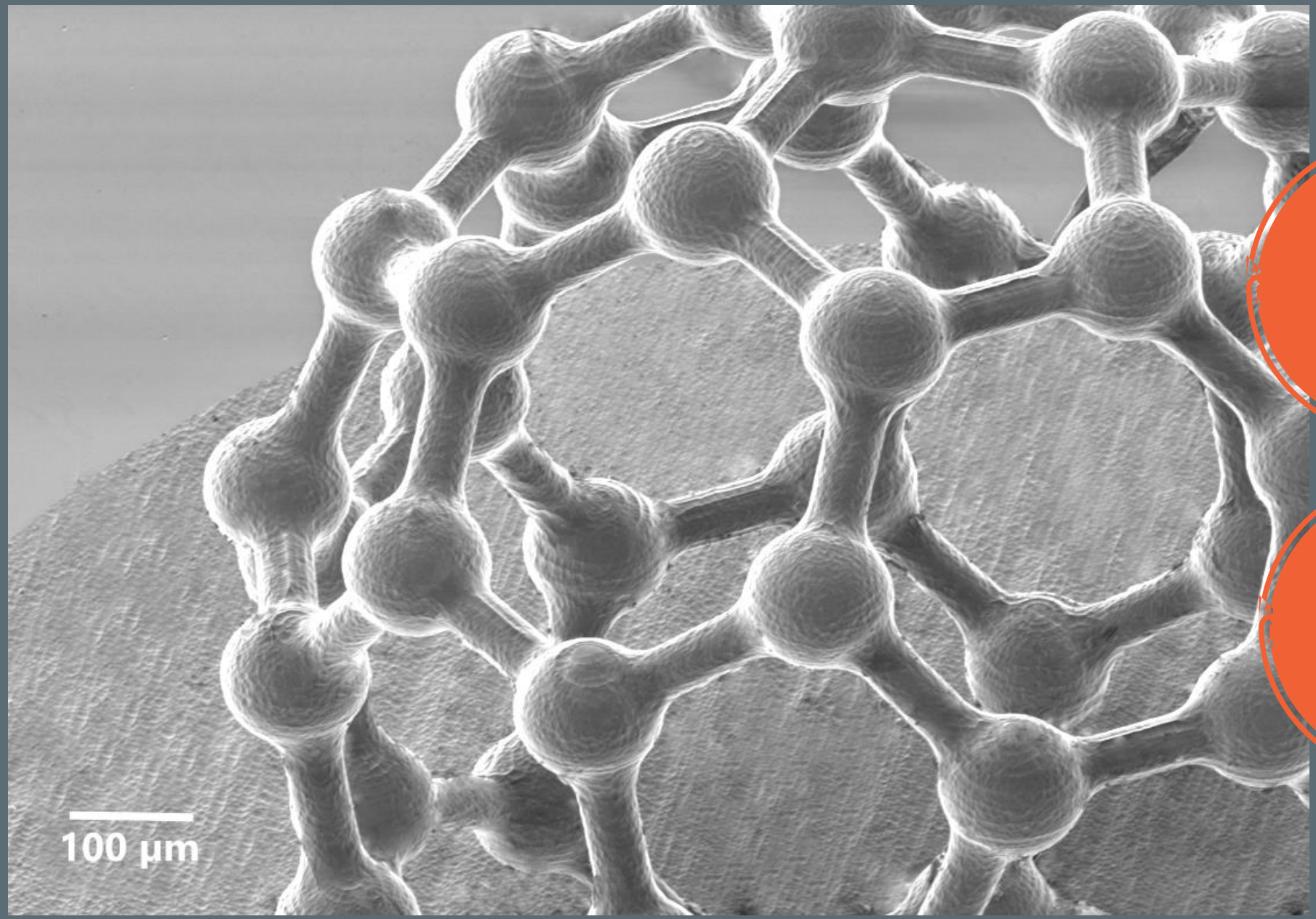
Microfluidic channels

Selective laser etching



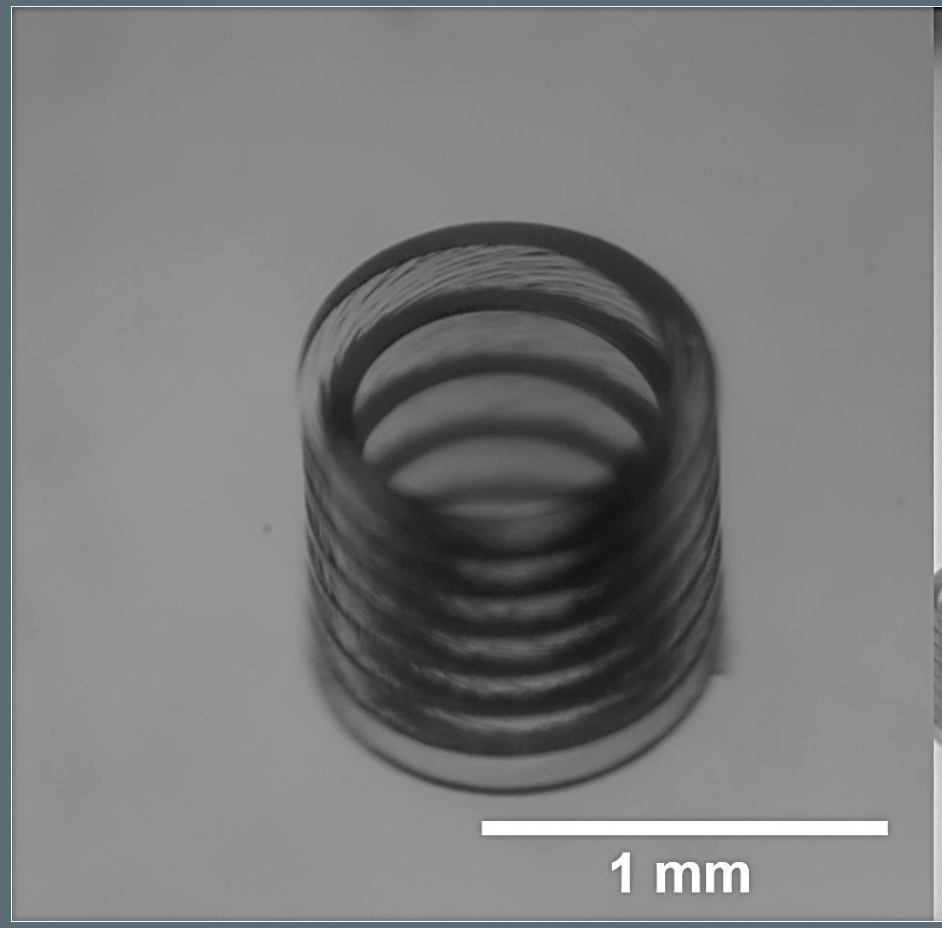
Glass 3D structure

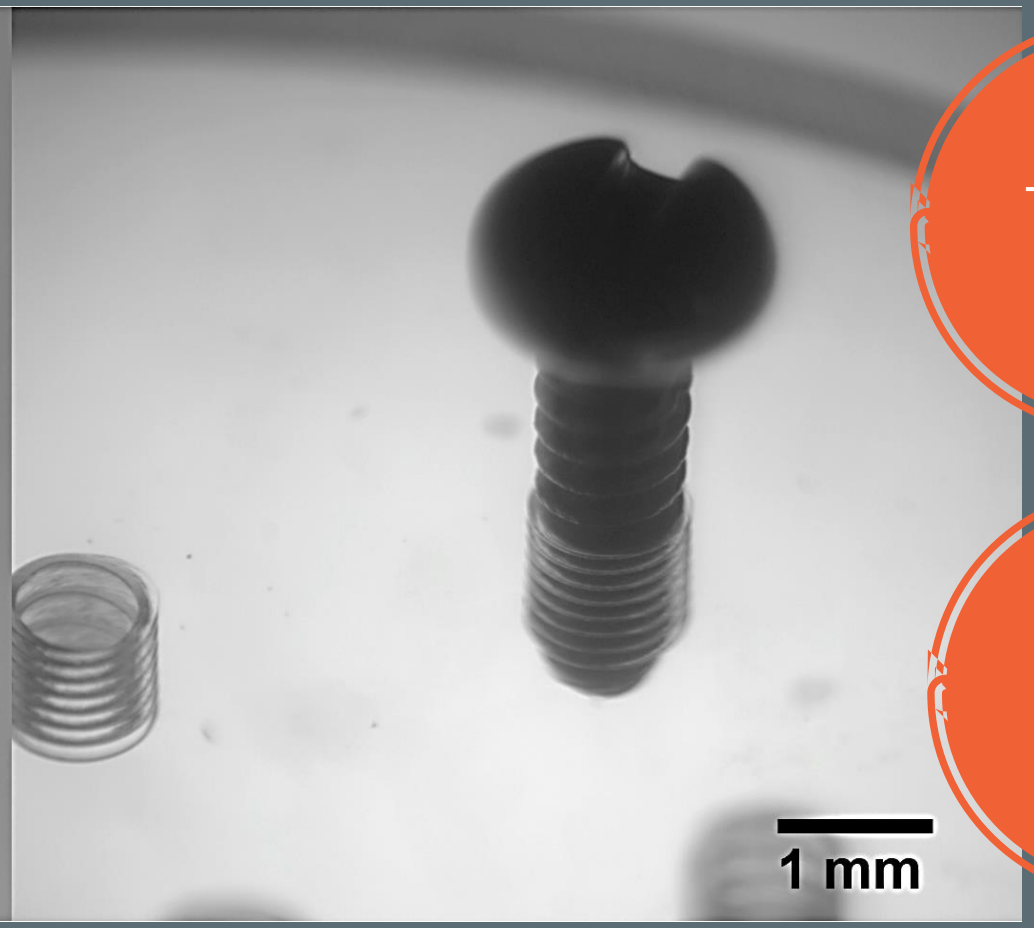
Selective laser etching



Glass 3D structure

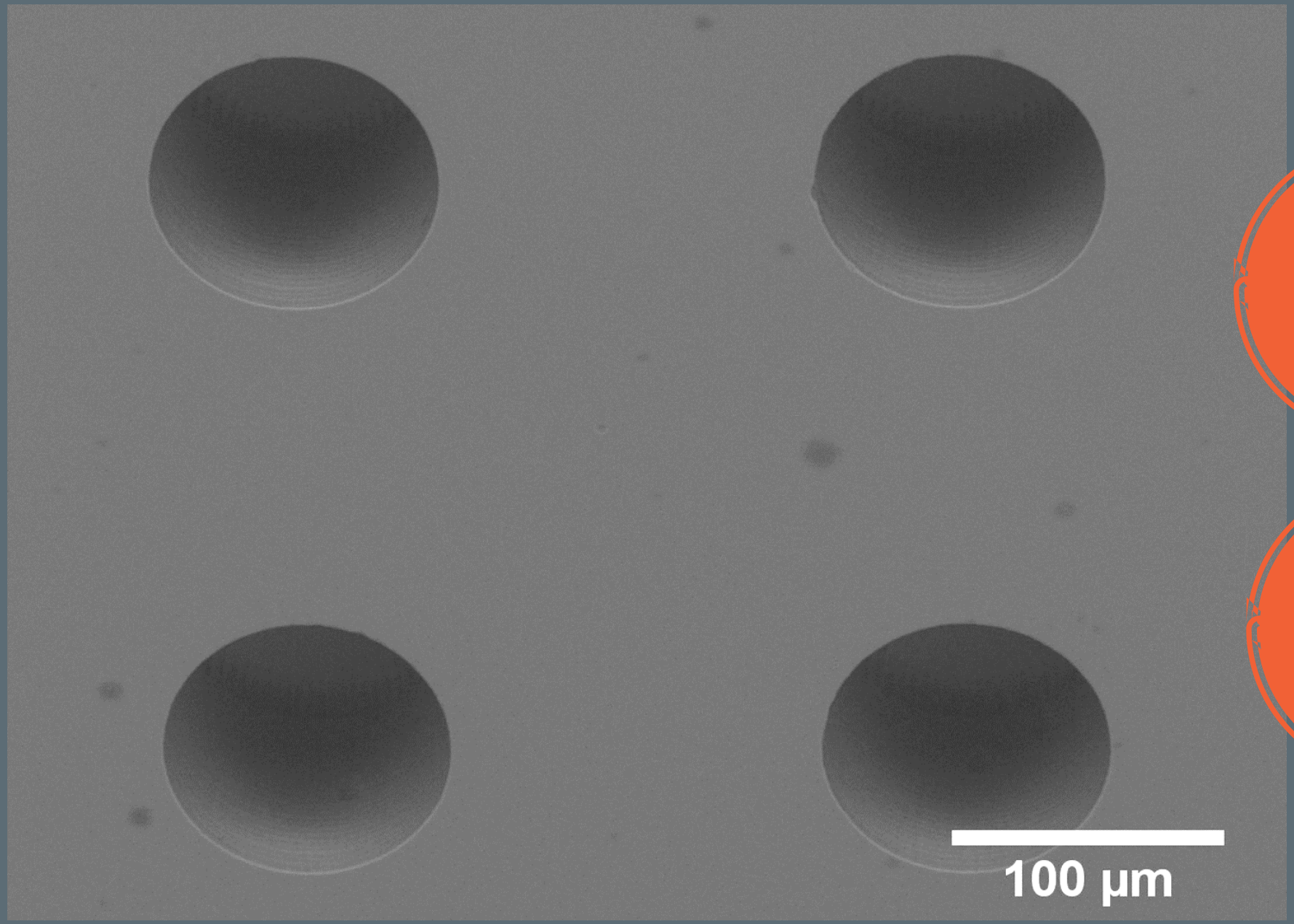
Selective laser etching





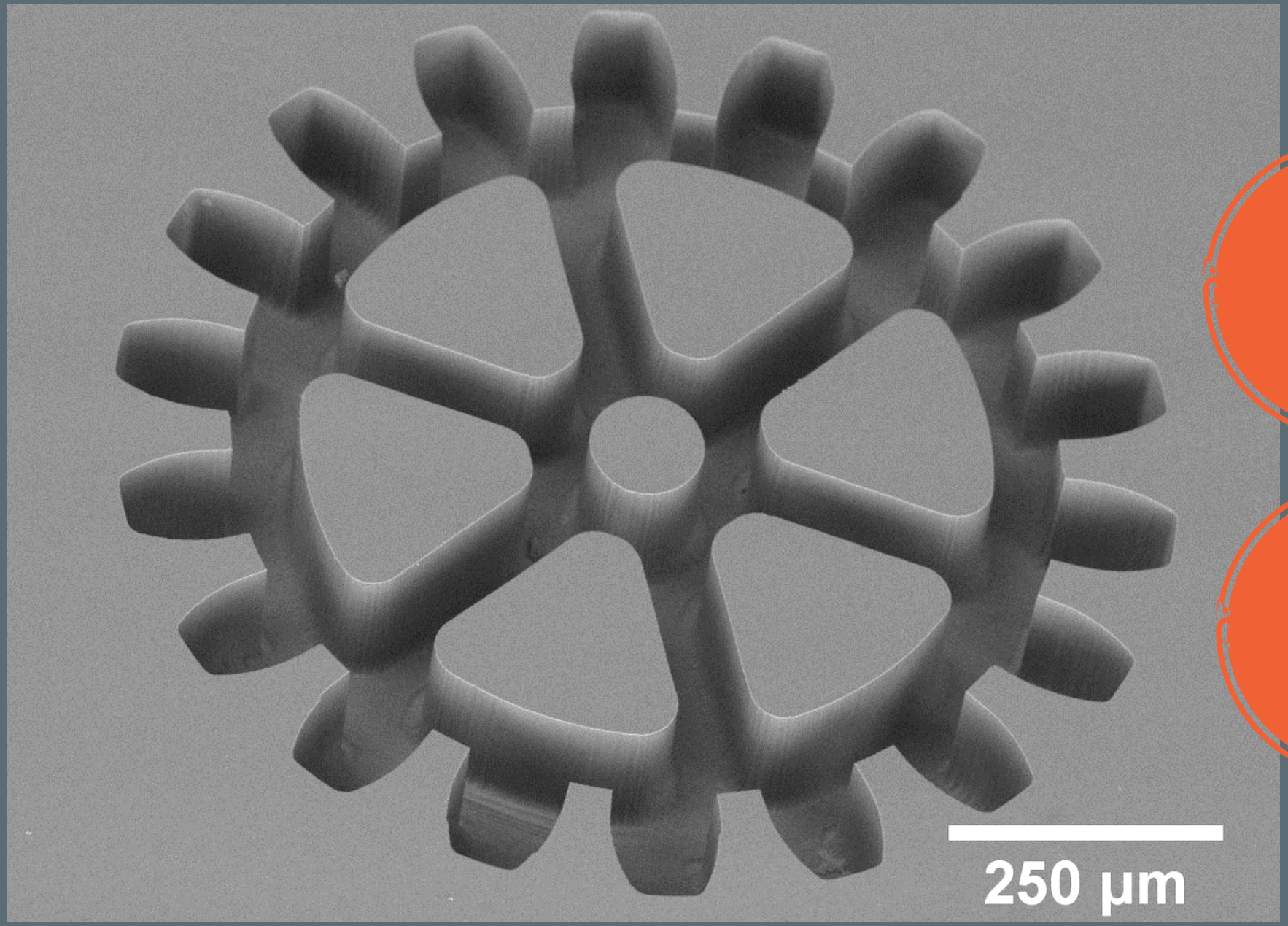
Thread for screw

Selective laser etching



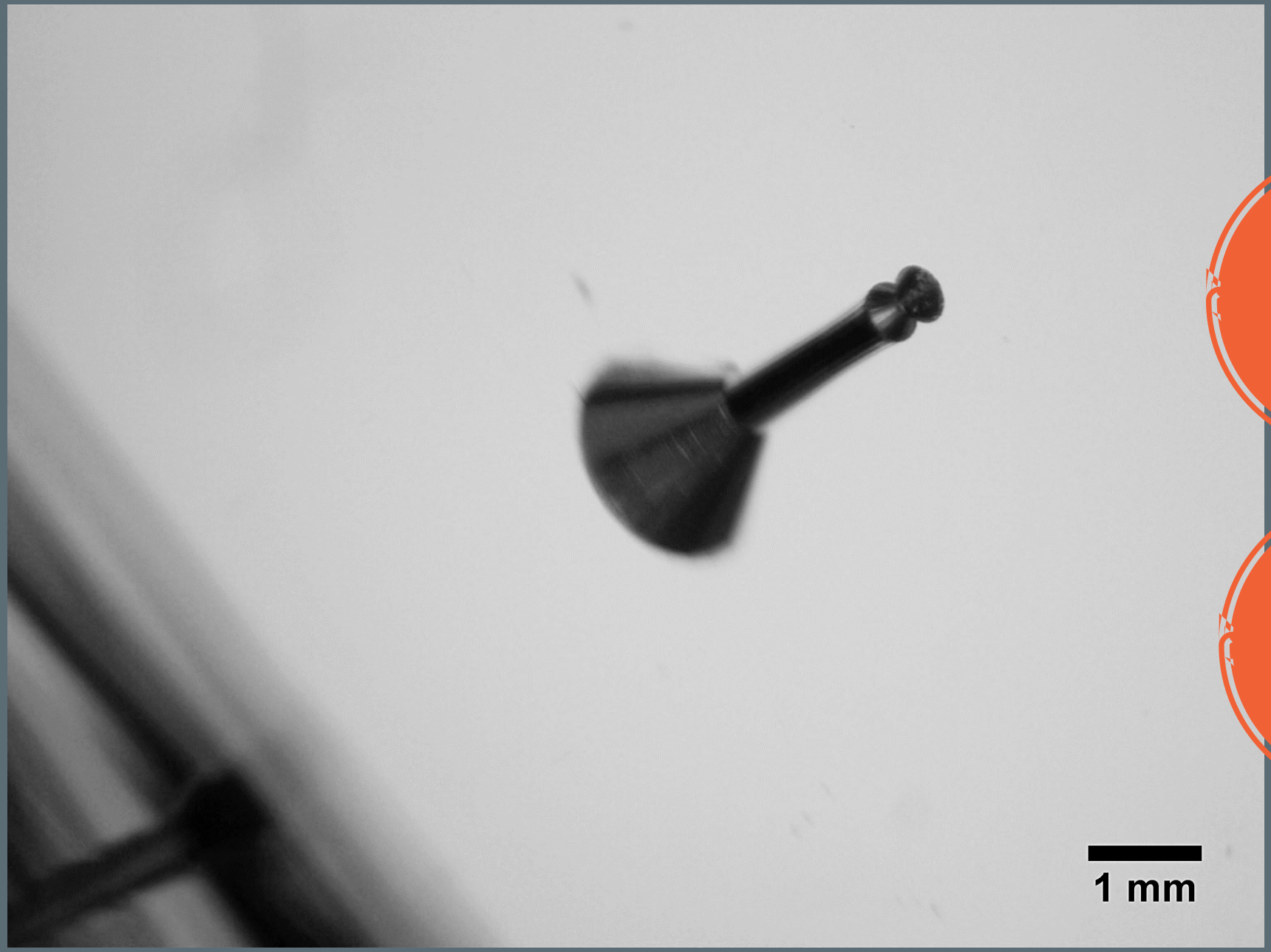
Blind micro holes

Selective laser etching



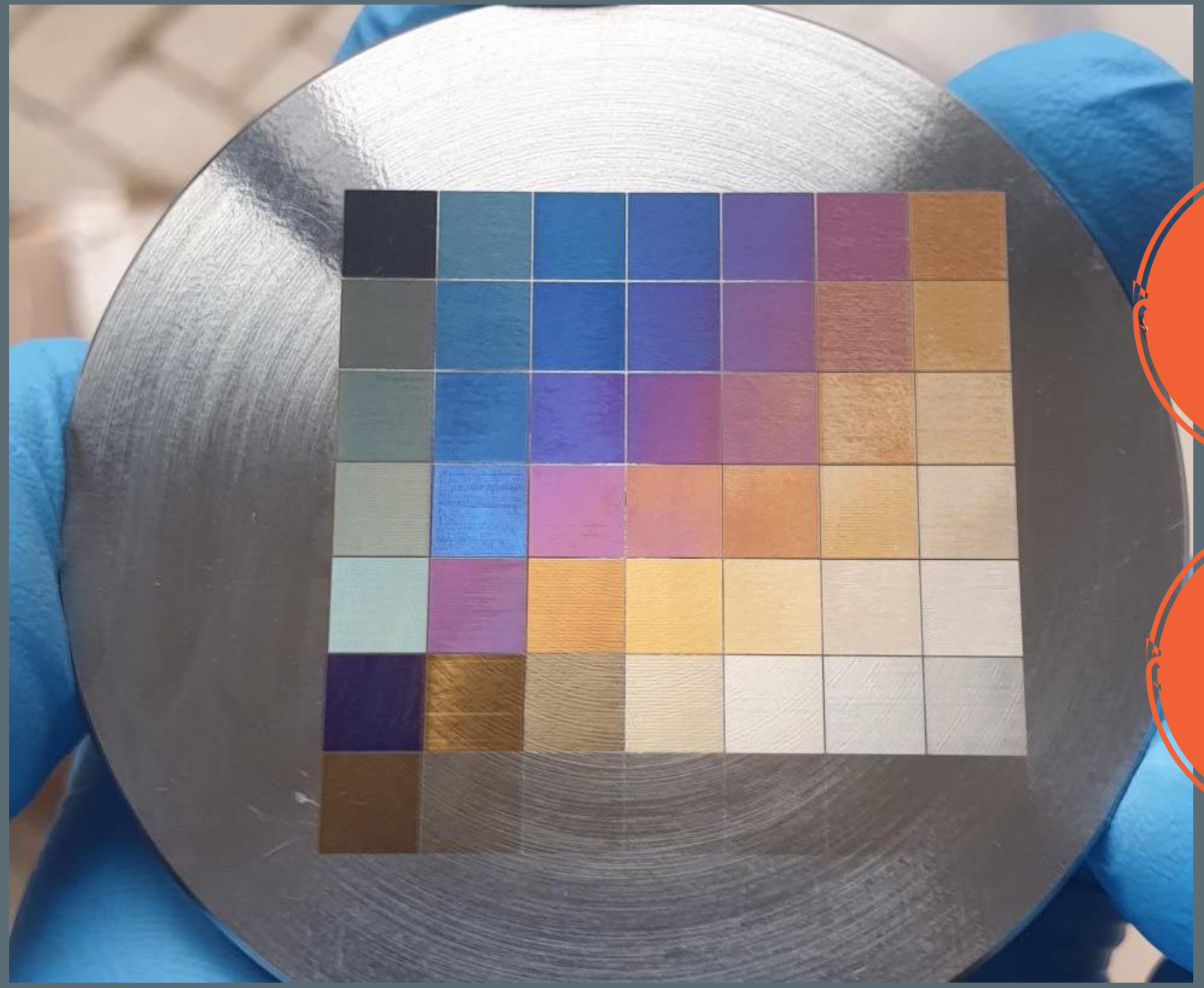
Micro gear in glass

Selective laser etching



3D nozzle in glass

Selective laser etching



Colored titanium

Selective metal oxide forming