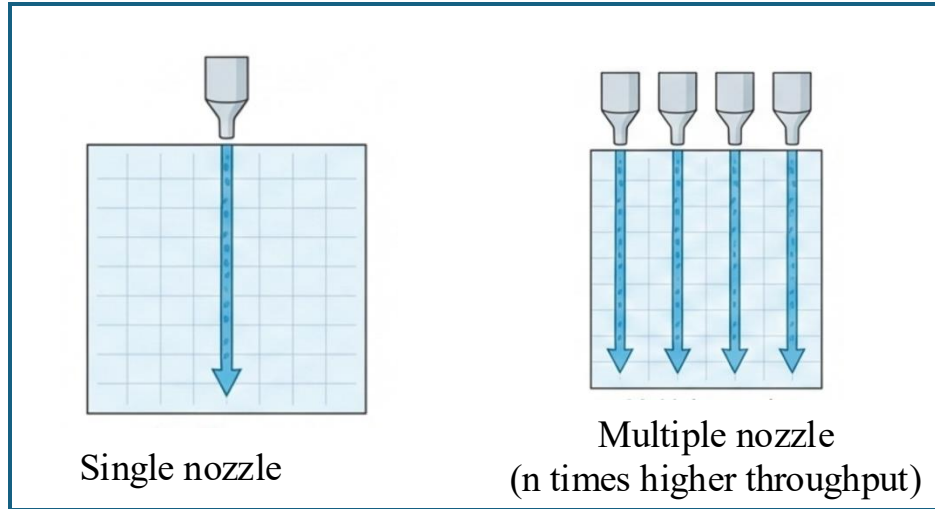
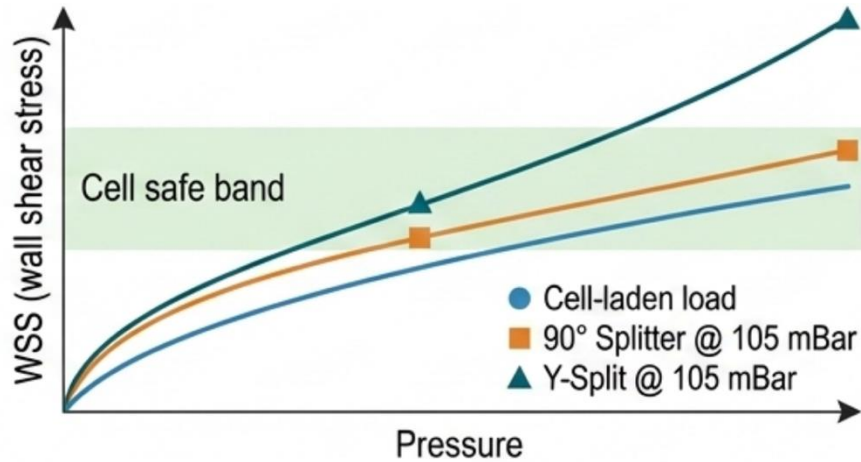


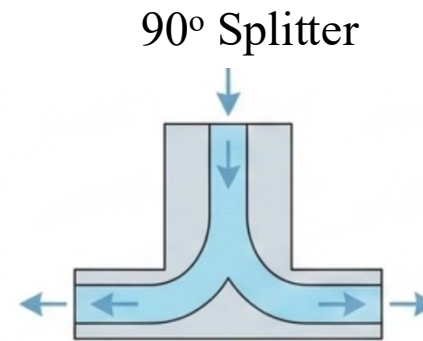
Throughput advantage



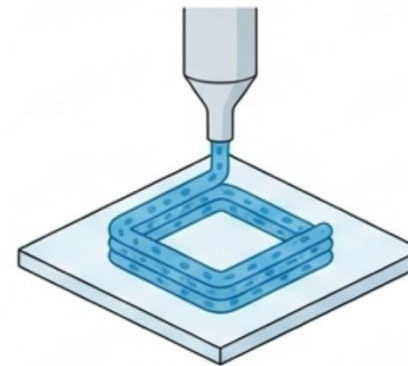
Cell-safety window (shear vs pressure)



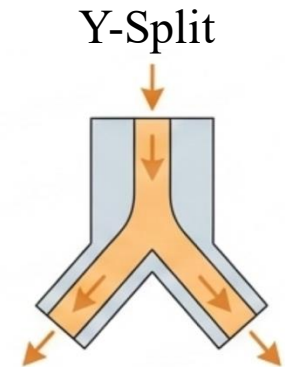
Task-specific nozzle selection for extrusion bioprinting



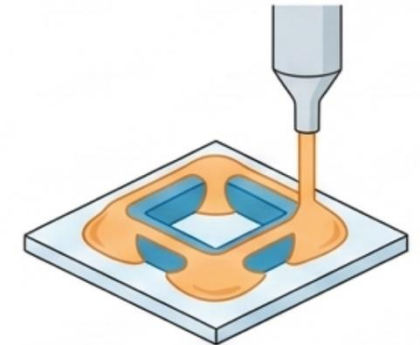
- Balanced outlet flow
- Low wall shear
- Preferred for cell-laden bioinks



Cell-laden construct printing



- High velocity
- Elevated wall shear stress
- Suitable for acellular/support inks



Support matrix/filler deposition