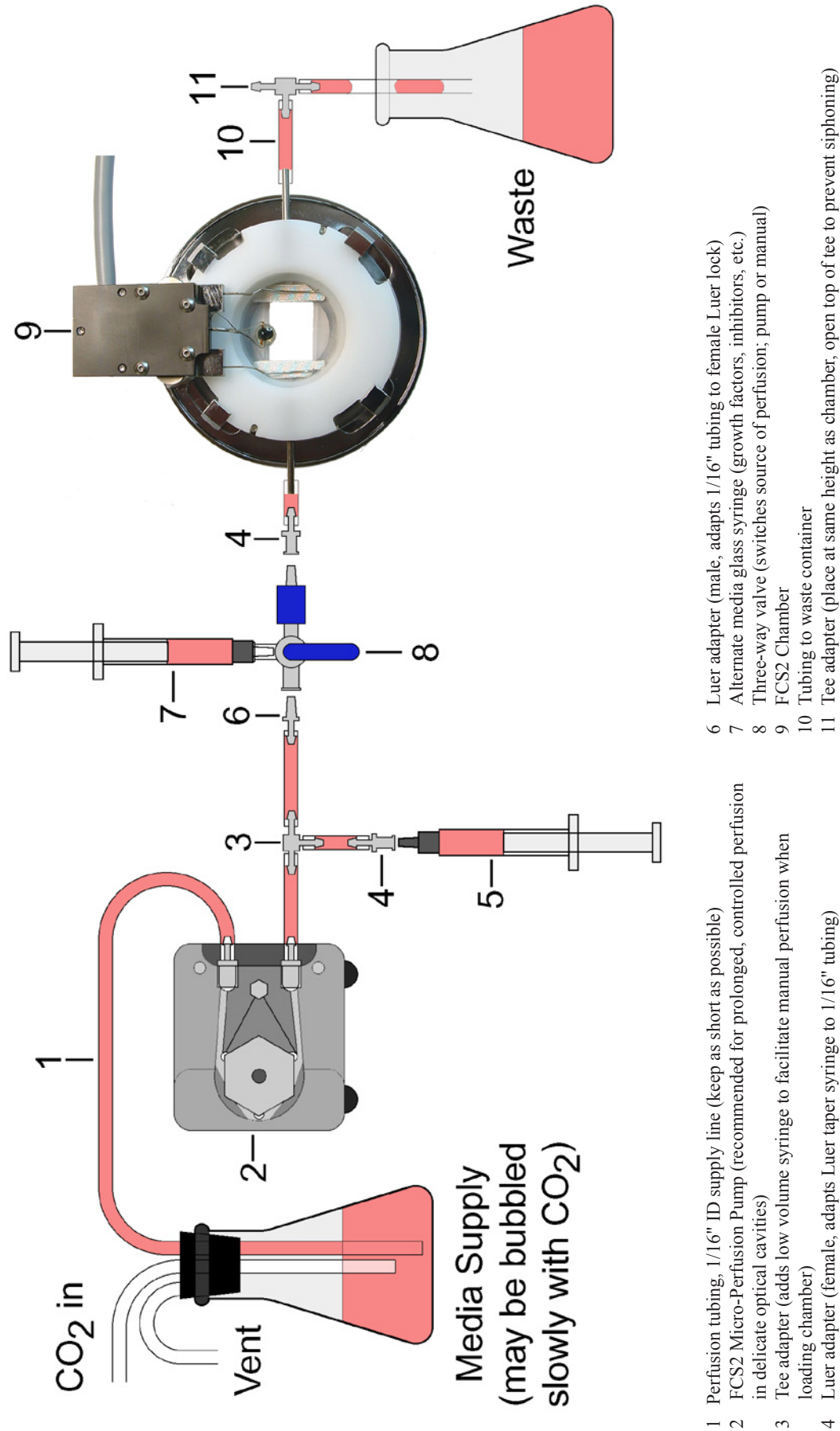


# Typical FCS2® Perfusion Configuration for Induced Change Experiments



- 1 Perfusion tubing, 1/16" ID supply line (keep as short as possible)
- 2 FCS2 Micro-Perfusion Pump (recommended for prolonged, controlled perfusion in delicate optical cavities)
- 3 Tee adapter (adds low volume syringe to facilitate manual perfusion when loading chamber)
- 4 Luer adapter (female, adapts Luer taper syringe to 1/16" tubing)
- 5 Low volume glass syringe

- 6 Luer adapter (male, adapts 1/16" tubing to female Luer lock)
- 7 Alternate media glass syringe (growth factors, inhibitors, etc.)
- 8 Three-way valve (switches source of perfusion; pump or manual)
- 9 FCS2 Chamber
- 10 Tee adapter (place at same height as chamber, open top of tee to prevent siphoning)
- 11 Tee adapter (place at same height as chamber, open top of tee to prevent siphoning)

Note: Syringes are glass to prevent contamination of media from silicone lubricant typical in plastic syringes.