

Supplementary Information for: Chemistry with spatial control using particles and streams

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Table S1. List of abbreviations and acronyms used in the paper (alphabetical order).

Abbreviation	Full Form	Section
AHL	Acyl-homoserine lactone	1.2
Bcd	Bicoid	1.2
BMP-2	Bone morphogenic protein-2	1.3
BSA	Bovine serum albumin	3.2
BZ	Belousov-Zhabotinsky	1.3
c-AMP	Cyclic Adenosine Monophosphate	1.2
CalB	Candida antarctica lipase B	3.1
CLSM	Confocal laser scanning microscopy	3.2
CNS	Central Nervous System	1.2
DDAO	Dichlorodimethylacridinone	4.1
Dex-HEMA	Dextran-hydroxy-ethyl-methacrylate	4.1
DMAEMA	Dimethylaminoethyl Methacrylate	4.1
DRGs	Dorsal root ganglion cells	3.5
Eps	Extracellular polymeric substance	1.1
FDP	Fluorescein diphosphate	4.1
FITC-BSA	Fluorescein isothiocyanate labeled bovine serum albumin	3.2
FtsZ	Filamenting temperature-sensitive mutant Z	1.1
GFP	Green Fluorescent Protein	1.2

GOD	Glucose oxidase	5
GO _x	Glucose oxidase	3.1
GRGDS	Glycine–arginine–glycine– aspartic acid–serine	3.5
Hb	Hemoglobin	1.2
HRP	Horseradish peroxidase	3.1
IR-light	Infrared light	4.1
LCST	Low critical solution temperature	4.1
LSCM	Light scanning confocal microscopy	3.1
LUV	Large unilamellar vesicle	4.1
MGP	Matrix gla protein	1.3
MIP-3 α	Macrophage inflammatory protein-3 α ,	3.2
NPCs	Neural progenitor cells	3.5
PDMS	Polydimethylsiloxane	5
PEG	Polyethylene glycol	3.3
PLA	Polylactic acid	6.2
PLGA	Poly(lactic-co-glycolic acid)	3.2
pNIPAAm	poly(Nisopropylacrylamide)	4.1
POD	Horseradish peroxidase	5
PRINT	Particle Replication In Nonwetting Templates	3.3
PS	Polystyrene	4.1
RBL	Rat Basophil Leukemia cells	5
RF	Radio-frequency	4.1
SpeB	Streptococcal pyrogenic exotoxin B	1.1
SUV	Small unilamellar vesicles	4.1
TMRE	Tetram-ethylrhodamine ethyl ester	6.1
VEGF	Vascular Endothelial Growth Factor	1.2
VMC	Vascular mesenchymal cells	1.3