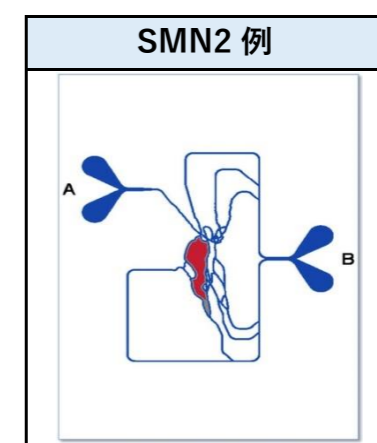
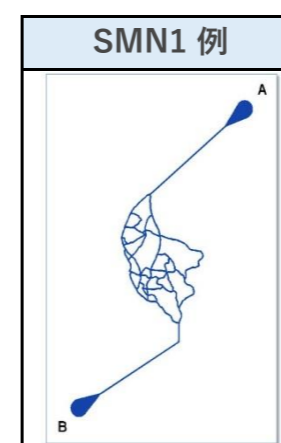
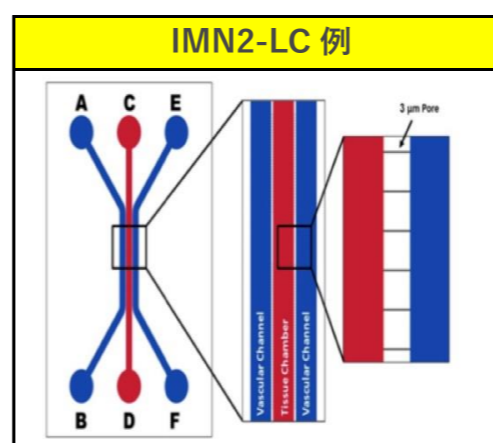
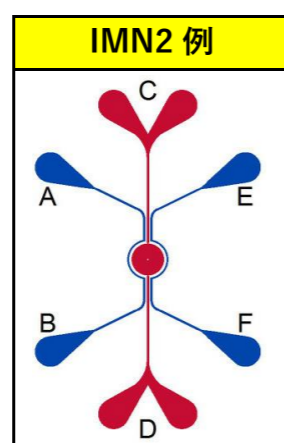
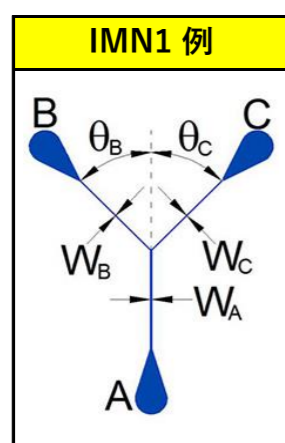
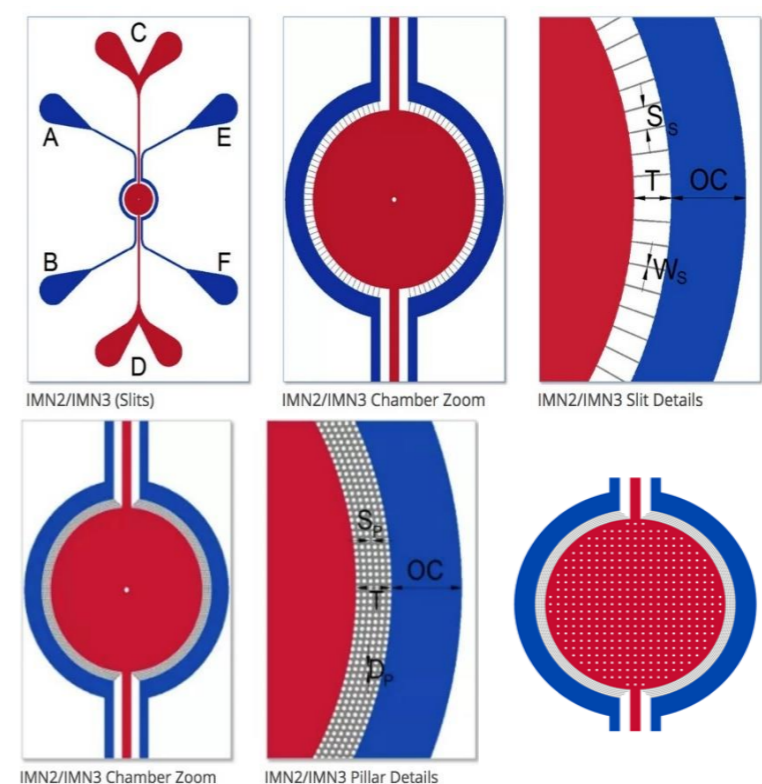


【SynVivo Chip 一覧】

IMN1-LC IMN1-SBC	Simple linear and bifurcating channels for monoculture work 単一細胞培養のためのシンプルな直線形および分岐チャンネル
IMN2	Idealized microvascular network for co-culture work (w/2D tissue compartment) 共培養用の理想的微小血管ネットワーク（二次元組織コンパートメント付き）
IMN2-LC	Idealized linear microvascular network for co-culture (w/2D tissue compartment) 共培養用の理想的直線形微小血管ネットワーク（二次元組織コンパートメント付き）
IMN3	Idealized microvascular network for co-culture work (w/3D tissue compartment) 共培養用の理想的微小血管ネットワーク（三次元組織コンパートメント付き）
SMN1	Microvascular networks for monoculture work 単一細胞培養のための微小血管ネットワーク
SMN2	Microvascular networks for co-culture work (w/2D tissue compartment) 共培養用の微小血管ネットワーク（二次元組織コンパートメント付き）
SMN3	Microvascular networks for co-culture work (w/3D tissue compartment) 共培養用の微小血管ネットワーク（三次元組織コンパートメント付き）

Radial IMN2/IMN3 (slits and pillars)	
Slit Barrier Option	
このデバイスは、スリットとギャップを利用して、外側チャンネルと内側チャンパーの間にバリア領域を形成します。	
Standard design parameters available are:	
Outer Channel Width (OC):	100 μm or 200 μm
Travel Width (T):	50 μm or 100 μm
Slit Spacing (SS):	50 μm or 100 μm
Slit Width (W_s):	Variable
Pillar Barrier Option	
このデバイスは、ピラー（柱構造）を利用して、外側チャンネルと内側チャンパーの間にバリア領域を形成します。	
Standard design parameters available are:	
Outer Channel Width (OC):	100 μm or 200 μm
Travel Width (T):	50 μm or 100 μm
Pillar Spacing (Gap) (SP):	8 μm or 3 μm
Pillar Diameter (D_p):	Variable
Pore sizes available	3 μm or 8 μm



Simple linear and bifurcating channels for monoculture work			
Type	Style	カタログ番号	Design Description
IMN1	直線形チャンネル(LC)		
	LC	101001-3	3 \times 100 μm wide channels, 100 μm depth (Set of 3)
		101002-3	3 \times 250 μm wide channels, 100 μm depth (Set of 3)
		101003-3	3 \times 500 μm wide channels, 100 μm depth (Set of 3)
		101004-3	100 μm + 250 μm + 500 μm wide channels, 100 μm depth (Set of 3)
	分岐チャンネル(SBC)		
	SBC	101005-3	30° Sym (15° + 15°) 100 μm parent, 50 μm daughter widths, 100 μm depth (Set of 3)
		101006-3	60° Sym (30° + 30°) 100 μm parent, 50 μm daughter widths, 100 μm depth (Set of 3)
		101007-3	90° Sym (45° + 45°) 100 μm parent, 50 μm daughter widths, 100 μm depth (Set of 3)
		101008-3	120° Sym (60° + 60°) 100 μm parent, 50 μm daughter widths, 100 μm depth (Set of 3)
		101009-3	45° Sym (22.5° + 22.5°) 100 μm parent, 50 μm daughter widths, 100 μm depth (Set of 3)
		101017-3	30° Sym (15° + 15°) 100 μm parent, 50 μm daughter widths, 50 μm depth (Set of 3)
		101018-3	60° Sym (30° + 30°) 100 μm parent, 50 μm daughter widths, 50 μm depth (Set of 3)
		101019-3	90° Sym (45° + 45°) 100 μm parent, 50 μm daughter widths, 50 μm depth (Set of 3)
101020-3	120° Sym (60° + 60°) 100 μm parent, 50 μm daughter widths, 50 μm depth (Set of 3)		
Cyto-LC			
Cyto-LC	107001-3	SynVivo for CytoViva Chip: 3 \times 1000 μm wide channels, 100 μm depth (Set of 3)	

Idealized network chips for co-culture-Radial design			
Type	Model	カタログ番号	Design Description
IMN2	SynTumor	102004-STu3	100 μm OC, 100 μm slit spacing, 2 μm wide slit, 50 μm travel, 100 μm depth (Set of 3)
	SynBBB	102005-3	200 μm OC, 50 μm slit spacing, 3 μm wide slit, 50 μm travel, 100 μm depth (Set of 3)
		102005-SB3	200 μm OC, 50 μm slit spacing, 3 μm wide slit, 50 μm travel, 100 μm depth (Set of 3)
	SynBBB-TEER	102015-SB3	200 μm OC, 50 μm slit spacing, 3 μm wide slit, 50 μm travel, 100 μm depth, w/impedance capability (Set of 3)
	SynTumor	102006-3	200 μm OC, 50 μm slit spacing, 3 μm wide slit, 100 μ travel, 100 μm depth (Set of 3)
	SynRAM	102007-3	200 μm OC, Pillars, 3 μm Gap, 100 μm Travel-----3/100 μm (Set of 3)
		102008-SR3	200 μm OC, Pillars, 8 μm Gap, 50 μm Travel-----3/100 μm (Set of 3)
		102008-3	200 μm OC, Pillars, 3 μm Pore, 50 μm Travel-----100 μm depth (Set of 3)
		102009-3	200 μm OC, Pillars, 3 μm Gap, 50 μm Travel-----3/100 μm (Set of 3)
		102010-3	200 μm OC, Pillars, 8 μm Gap, 100 μm Travel-----3/100 μm (Set of 3)
	SynTumor	102011-3	200 μm OC, Pillars, 3 μm Gap, 100 μm Travel-----8/100 μm (Set of 3)
		102012-STu3	200 μm OC, Pillars, 8 μm Gap, 50 μm Travel -----8/100 μm (Set of 3)
	SynTox	102012-3	200 μm OC, Pillars, 8 μm Pore, 50 μm Travel-----100 μm depth (Set of 3)
		102016-3	200 μm OC, 50 μm slit spacing, 2 μm wide slit, 50 μm travel, 100 μm depth (Set of 3)
102016-STo3		200 μm OC, 50 μm slit spacing, 3 μm wide slit, 50 μm travel, 100 μm depth (Set of 3)	
		102017-3	200 μm OC, 50 μm slit spacing, 2 μm wide slit, 100 μm travel, 100 μm depth (Set of 3)

Idealized network chips for co-culture-Linear design			
Type	Model	カタログ番号	Design Description
IMN2-LC	200-500-200	108007-STu3	200 μm-500 μm-200 μm Channel Widths; 50 μm Travel-5 μm Height Barrier: 5 μm Slits-50 μm Separation, 100 μm Depth (Set of 3)
	SynALI	108011-SA3	200 μm-500 μm-200 μm Channel Widths; 50 μm Travel-3 μm Height Barrier: 3 μm slits-50 μm Separation, 100 μm Depth (Set of 3)
	200-500-200	108011-Stu3	200 μm-500 μm-200 μm Channel Width; 50 μm Travel-3 μm Height Barrier: 3 μm slits-50 μm Separation, 100 μm Depth (Set of 3)
	SynBBB	108011-SB3	200 μm-500 μm-200 μm Channel Width; 50 μm Travel-3 μm Height Barrier: 3 μm slits-50 μm Separation, 100 μm Depth (Set of 3)
	200-500-200	108012-3	200 μm-500 μm-200 μm Channel Widths; 50 μm Travel-3 μm Height Barrier: Pillars, 100 μm Depth (Set of 3)
	500-500-500	108013-3	500 μm-500 μm-500 μm Channel Width; 50 μm Travel, 3 μm slits-50 μm Separation, 100 μm Depth (Set of 3)
	500-500-500	108013-STo3	500 μm-500 μm-500 μm Channel Width; 50 μm Travel, 3 μm slits-50 μm Separation, 100 μm Depth (Set of 3)
	500-500-500	108014-3	500 μm-500 μm-500 μm Channel Width; 50 μm Travel, 20 μm Dia-3 μm Gap Pillars, 100 μm Depth (Set of 3)

Idealized network chips for co-culture-Radial design with 3D tissue chamber		
Type	カタログ番号	Design Description
IMN3	103002-3	200 μm OC, Pillars, 3 μm gap, 100 μm travel, 100 μm depth; Chamber: 25 μm Diameter, 50 μm Separation; Barrier: 3 μm barrier height, 3 μm Separation (Set of 3)
	103003-3	200 μm OC, Pillars, 8 μm Ggap, 50 μm travel, 100 μm depth (Set of 3)
	103004-3	200 μm OC, Pillars, 8 μm gap, 100 μm travel, 100 μm depth; Chamber: 25 μm Diameter, 50 μm Separation; Barrier: 3 μm barrier height, 8 μm gap (Set of 3)
	103006-3	100 μm OC, 100 μm travel, 100 μm depth; Chamber pillars – 25 μm Diameter, 50 μm Separation; Barrier slits – 25 μm Diameter, 50 μm Separation (Set of 3)
	103007-3	100 μm OC, 20 μm travel, 100 μm depth; Slit barrier- 2 μm barrier height, 2 μm slits, 50 μm separation; Central chamber- 25 μm pillars, 50 μm separation (Set of 3)

Microvascular Network Chips for Monoculture			
Type	Style	カタログ番号	Design Description
SMN1	C001	104001-3	Network 001, 100 μm depth (Set of 3)
	D001	104002-3	Network 002, 100 μm depth (Set of 3)
	C002	104003-3	Network 003, 100 μm depth (Set of 3)
	C003	104004-3	Network 004, 100 μm depth (Set of 3)
	C004	104005-3	Network 005, 100 μm depth (Set of 3)
	C005	104006-3	Network 006, 100 μm depth (Set of 3)
	C006	104007-3	Network 007, 100 μm depth (Set of 3)
	C007	104008-3	Network 008, 100 μm depth (Set of 3)
	D002	104009-3	Network 009, 100 μm depth (Set of 3)
	D003	104010-3	Network 010, 100 μm depth (Set of 3)
	D004	104011-3	Network 011, 100 μm depth (Set of 3)
	D005	104012-3	Network 012, 100 μm depth (Set of 3)
	D006	104013-3	Network 013, 100 μm depth (Set of 3)
	D007	104014-3	Network 014, 100 μm depth (Set of 3)

Microvascular Network Chips for Co-Culture			
Type	Style	カタログ番号	Design Description
SMN2	C001/SynRAM	105001-3	3 μ m Height Barrier: 10 μ m Dia-50 μ m Separation, 100 μ m Depth (Set of 3)
	D001	105002-3	3 μ m Height Barrier: 10 μ m Dia-50 μ m Separation, 100 μ m Depth (Set of 3)
	C001	105003-3	3 μ m Height Barrier: 20 μ m Dia-3 μ m Separation, 100 μ m Depth (Set of 3)
	D001	105004-3	3 μ m Height Barrier: 20 μ m Dia-3 μ m Separation, 100 μ m Depth (Set of 3)
	C001	105005-3	2 μ m Height Barrier: 10 μ m Dia-50 μ m Separation, 100 μ m Depth (Set of 3)
	D001	105006-3	2 μ m Height Barrier: 10 μ m Dia-50 μ m Separation, 100 μ m Depth (Set of 3)
	C001/SynTumor	105007-STu3	2 μ m Height Barrier: 20 μ m Dia-3 μ m Separation, 100 μ m Depth (Set of 3)
	D001	105008-3	2 μ m Height Barrier: 20 μ m Dia-3 μ m Separation, 100 μ m Depth (Set of 3)
	C002/SynTumor	105011-3	8 μ m Height Barrier: 20 μ m Dia-30 μ m Separation, 100 μ m Height (3 chamber) (Set of 3)
		105015-STu3	8 μ m Height Barrier: 10 μ m Dia-50 μ m Separation, 100 μ m Height (1 chamber) (Set of 3)

SMN3 chips (3D tissue chamber)			
Type	Style	カタログ番号	Design Description
SMN3	C001	106003-3	2 μ m Height Barrier: 20 μ m Diam-3 μ m Separation, 25 μ m Dia-50 μ m Separation Chamber pillars, 100 μ m Depth (Set of 3)
	D001	106004-3	2 μ m Height Barrier: 20 μ m Diam-3 μ m Separation, 25 μ m Dia-50 μ m Separation Chamber pillars, 100 μ m Depth(Set of 3)

Multi-chambered chips for studying the effect of high and low perfusion			
高灌流と低灌流の効果を研究するためのマルチチャンバーチップ			
Type	Style	カタログ番号	Design Description
SMN3	C002	106009-3	8 μ m Height Barrier: 20 μ m Dia-30 μ m Separation, 25 μ m Dia-50 μ m Separation Chamber pillars, 100 μ m Height (Set of 3)
	D002	106010-3	8 μ m Height Barrier: 20 μ m Dia-30 μ m Separation, 25 μ m Dia-50 μ m Separation Chamber pillars, 100 μ m Height (Set of 3)

Tandem-co-culture chips used for real time visualization and quantitation of tumor metastasis			
腫瘍転移のリアルタイム視覚化と定量化に使用されるタンデム共培養チップ			
Type	Style	カタログ番号	Design Description
SMN3	SMN3 - JN1-100 Tandem (SMN3 \times 2)	106013-3	Barrier Pillars-20 μ m diameter- 10 μ m gap between pillars; Tissue chambers: 25 μ m diameter pillars and 50 μ m gap between pillars; 100 μ m height (Set of 3)

