

Supplementary Table 1: Cellular sources of the major extracellular matrix components. Astrocytes, neurons, endothelial cells (ECs), oligodendrocytes (OLs) and their precursors (OPCs) provide molecules to build perineuronal nets.

Abbreviations: CSPGs (chondroitine sulfate proteoglycans), HSPGs (heparan sulfate proteoglycans), LP (link proteins), ECs (endothelial cells), OLs (oligodendrocytes), OPCs (oligodendrocyte precursor cells).

ECM molecules		Cellular source				Citation
CSPGs	Aggrecan	Astrocytes	Neurons			[1-6]
	Brevican	Astrocytes	Neurons	OLs		[1, 7]
	Neurocan	Astrocytes	Neurons			[1, 3, 8, 9]
	Versican	Astrocytes	Neurons	OLs	NG2	[1, 3, 10]
HSPGs	Syndecans	Astrocytes	Neurons	OLs and OPCs	Microglia	[12-15]
	Perlecan	Astrocytes		OLs and ECs	Microglia	[16-18]
LP	Hapln1		Neurons			[1, 5, 23]
	Hapln2		Neurons	OLs		[1, 5, 23, 24]
	Hapln4		Neurons			[5]
Fibronectin		ECs	Pericytes	Macrophages		[25]
Tenascin-C		Astrocytes	Neurons	OLs		[25-27]
Tenascin-R		Astrocytes	Neurons	OLs		[1, 5, 6, 23, 28]
Adamts		Astrocytes	Neurons		Microglia	
MMPs/Timps		Astrocytes	Neurons	OLs	Microglia	[29]

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