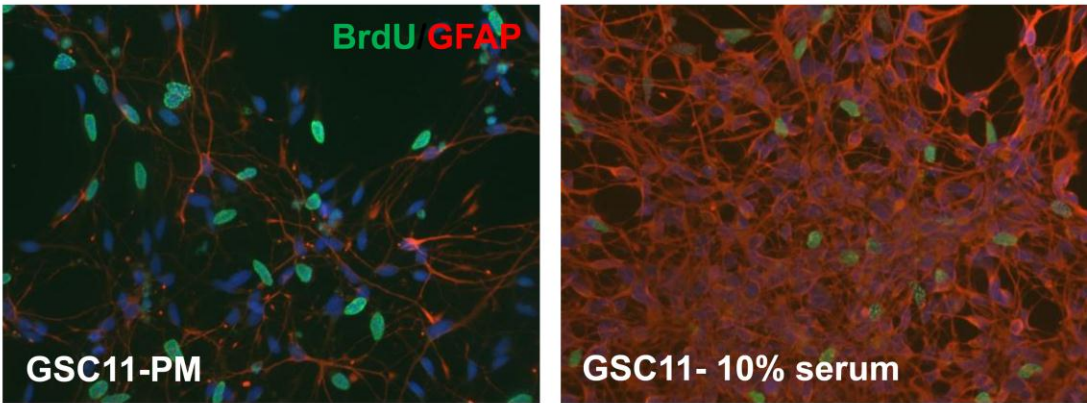


# Aberrant mesenchymal differentiation of glioma stem-like cells: implications for therapeutic targeting

## Supplementary Material

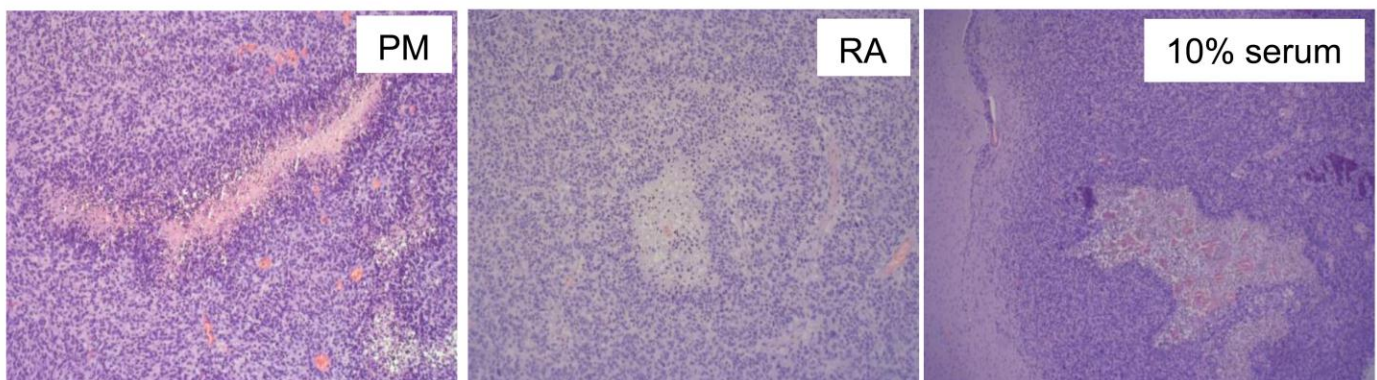
A.

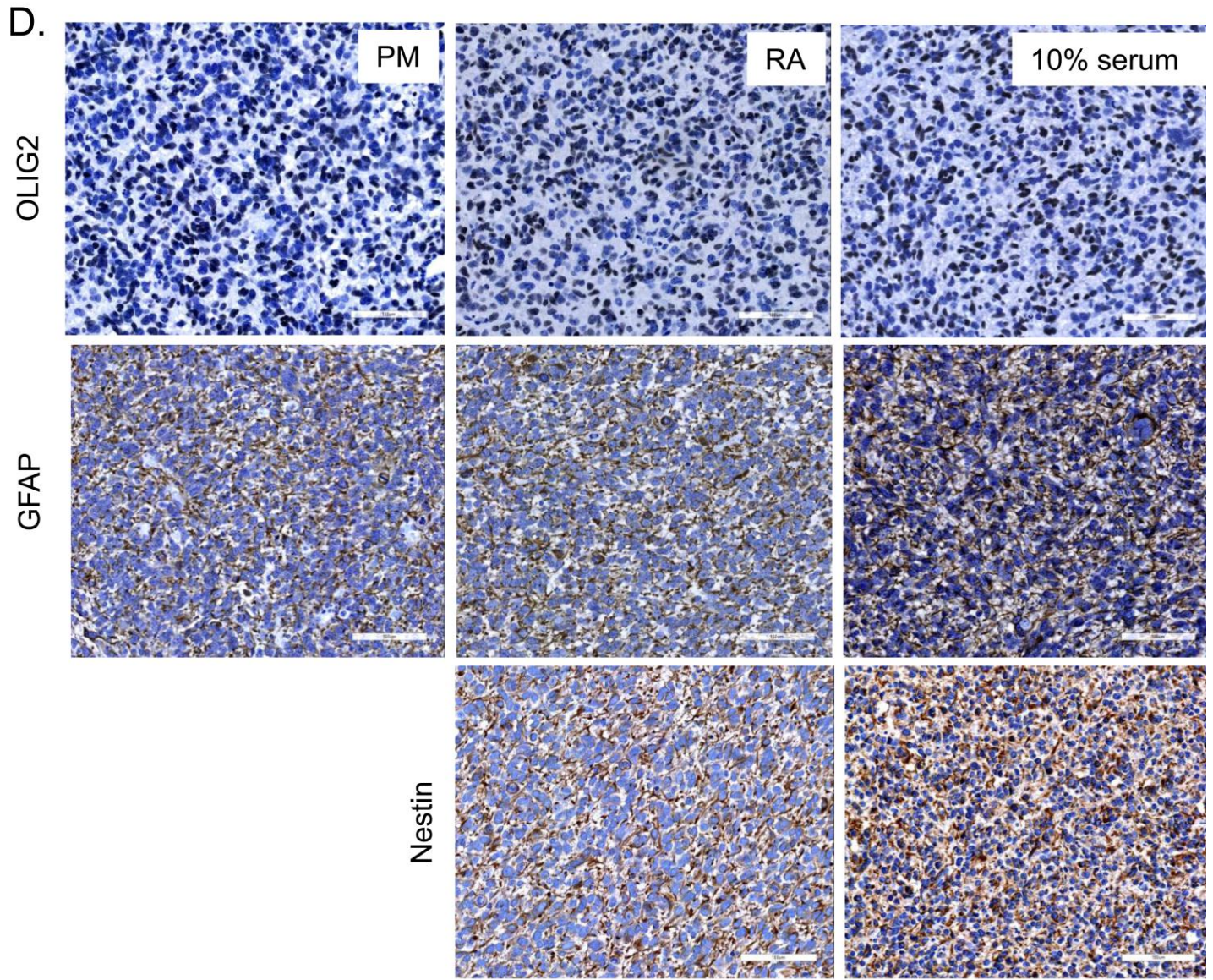


B.

GSC	# of cells	Treatment	# of animals	Median survival (days)	Logrank vs. Control (p-value)
GSC 23	200,000	Control	4	70	
		Retinoic acid	4	67	0.31
		10% serum	4	64	1.00
	20,000	Control	4	78.5	
		Retinoic acid	4	83.5	0.38
		10% serum	4	76.5	0.67
GSC 11	200,000	Control	4	48.5	
		Retinoic acid	4	43.5	0.01
		10% serum	4	49	0.42
	20,000	Control	4	66.5	
		Retinoic acid	4	63	0.81
		10% serum	4	72.5	0.26

C.





**Supplementary Figure 1: A.** Representative immunofluorescent images of BrdU (green) and GFAP (red) in GSC1 cultured under various conditions. **B.** Survival analysis of animals implanted with  $2 \times 10^4$  and  $20 \times 10^4$  cells after exposure to retinoic acid or 10% serum. *p* values were determined by log rank test. **C.** Hematoxylin and eosin staining of xenograft tumors derived from GSCs subject to various differentiation conditions. **D.** Representative IHC images of GSC xenografts are shown. Scale bar = 100  $\mu$ M.