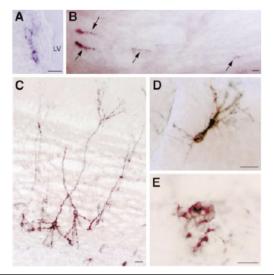
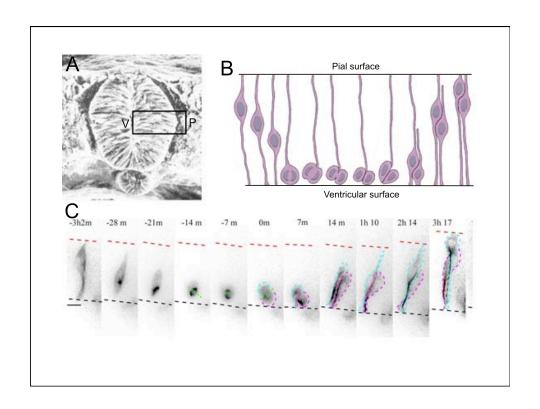
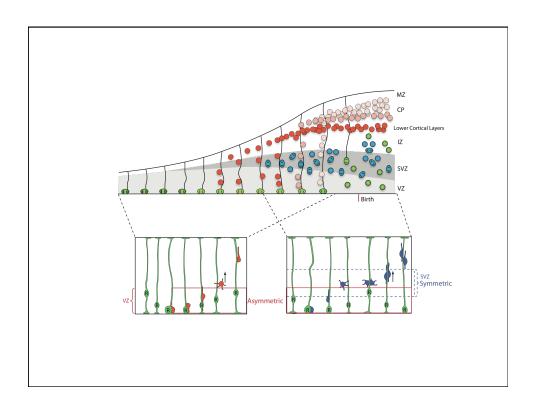
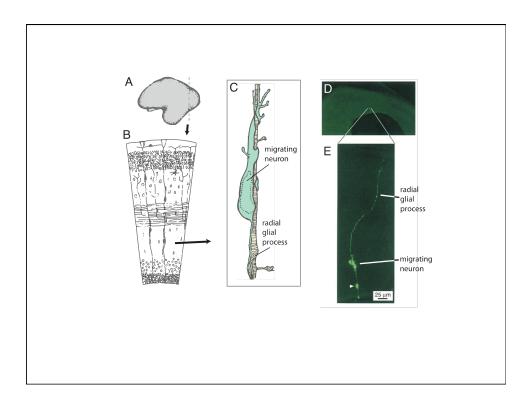


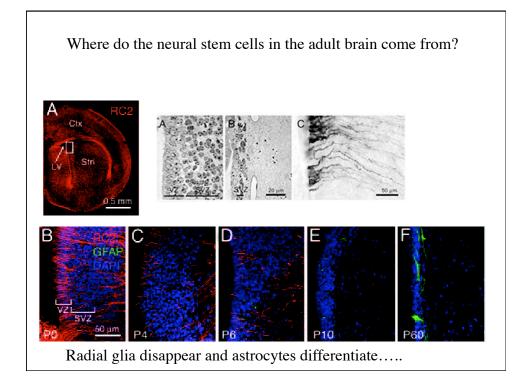
GFAP-Tva mice infected with a reporter/ retrovirus have labeled neurons in the olfactory bulb

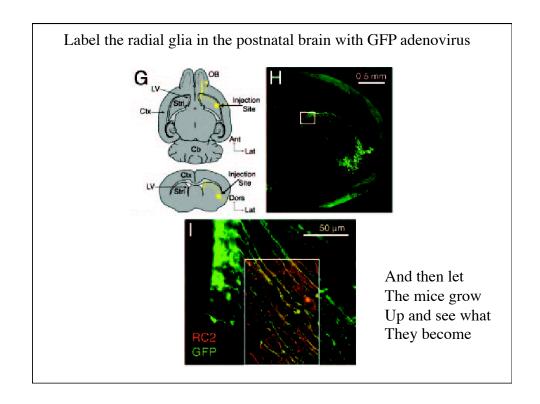


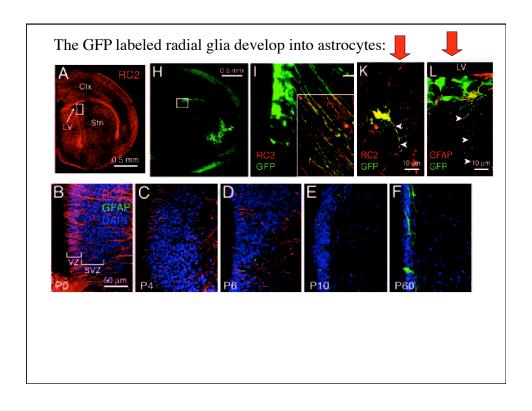


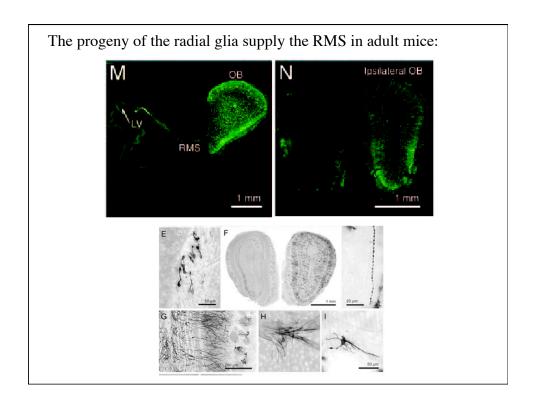


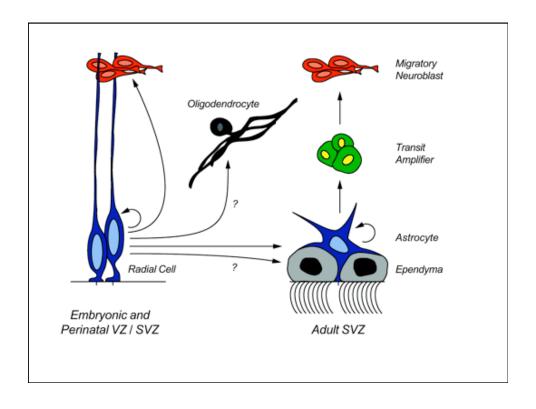


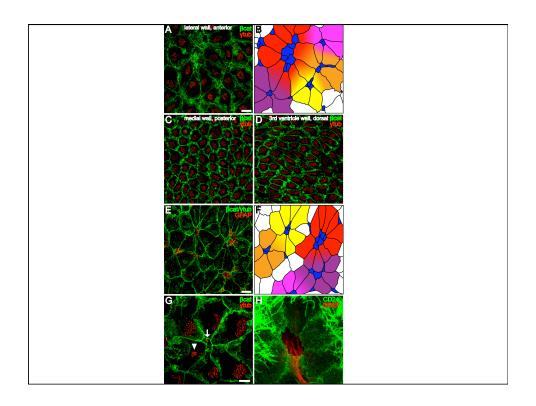


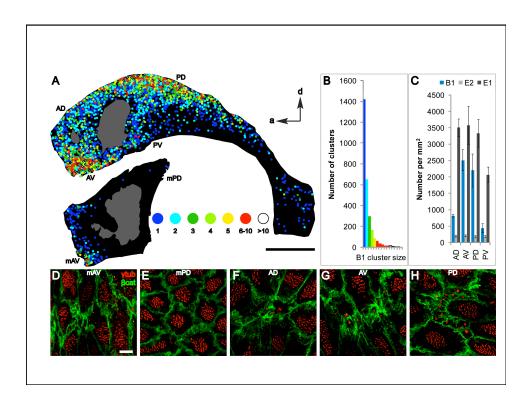


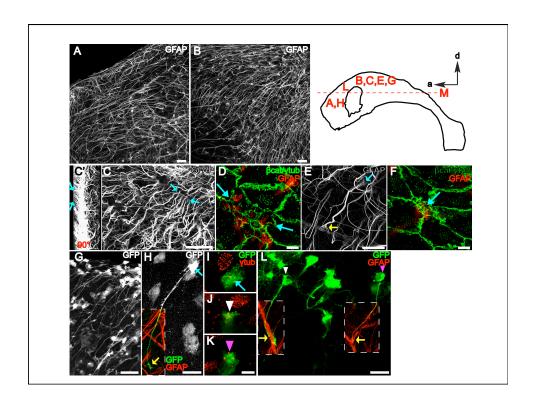


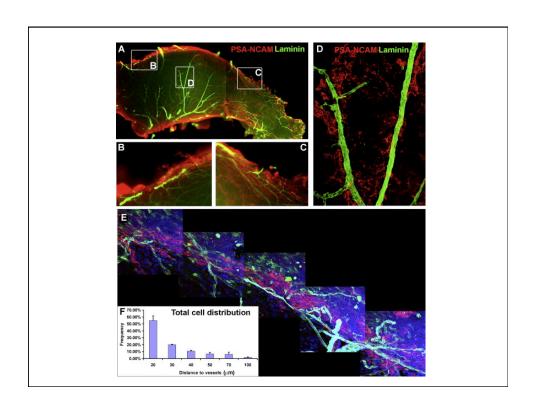


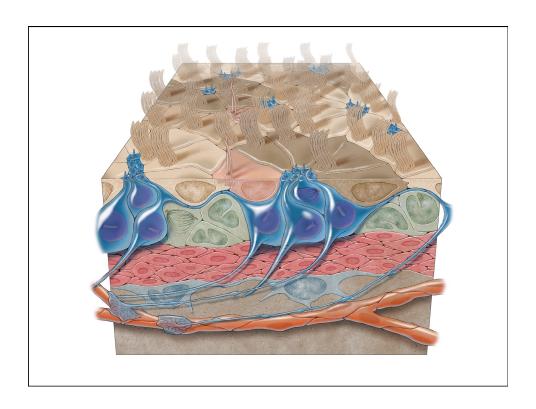




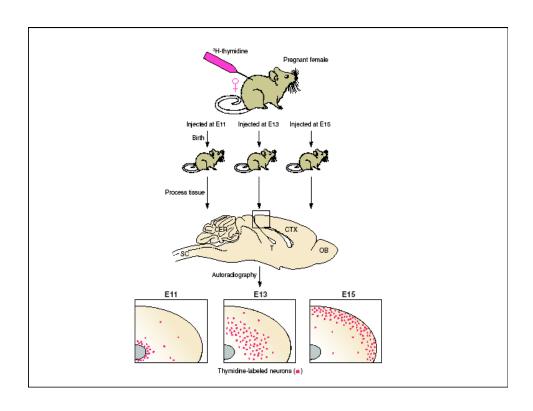


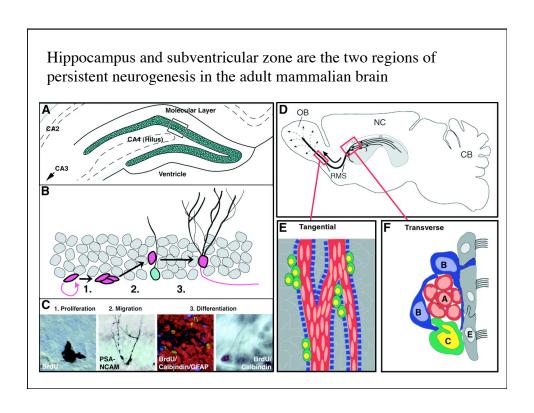


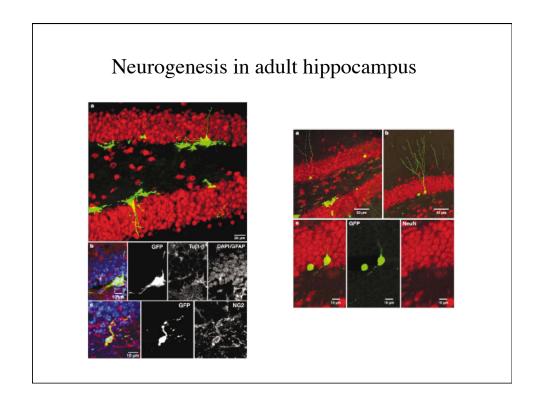


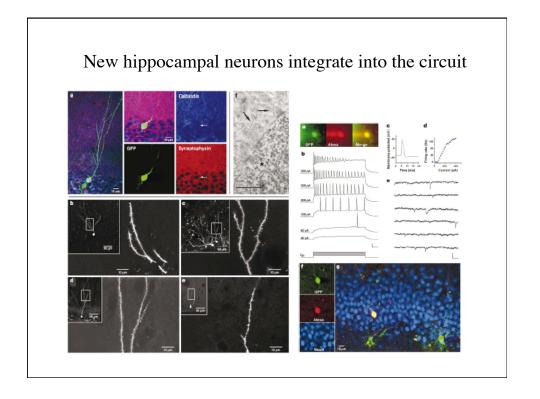


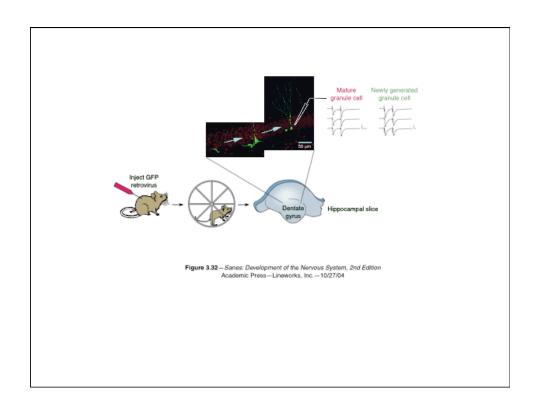
CLOSE											
Table 1. Su	mmary of Factors Used to	Maninulate NS	SC Behavior								
	,	Region	Outcome	Reference							
Environmen											
	LIF	SVZ/HC	NSC self-renewal	(Bauer and F							
	CNTF	SVZ/HC	self-renewal, proliferation, neuronal differentiation			and [Shimaz	aki et al., 200])			
	Noggin	SVZ	neurogenesis	(Lim et al., 2)							
	Noggin+BDNF	SVZ	striatal medium spiny neurons	(Chmielnicki							
	EGF	SVZ	astrocytes; conversion of type c cells; oligodendrocytes			, [Doetsch et	al., 2002] and	[Kuhn et al.,	1997])		
	PDGF bFGF	SVZ	type B cell proliferation, Oligodendrocytes	(Jackson et a							
	BMP	SVZ	neurogenesis	(Kuhn et al.,			01)				
	Wnt	SVZ/HC	neurogenesis/gliogenesis proliferation/neurogenesis			.im et al., 200 [Lie et al., 200					
	SHH	SVZ/HC	proliferation				3], [Machold e	t ol 2002) o	d (Dolmo et e	1 2005)	
	PEDF	SVZ	self-renewal	(Ramirez-Ca			oj, įiviacrioiu e	t ai., 2000) ai	iu įraillia et a	ii., 2005jj	
RNA/DNA I		042	3011-10116-Wall	(Harmez-Oa	annejo et an.,	2000)					
THE CONTROL	Mash1	HC	oligodendrocytes	(Jessberger	et al 2008)						
	Pax6	SVZ	dopaminergic periglomeral neurons			ohwi et al., 20	0051)				
	Olig2	SVZ	oligodendrocytes	(Hack et al.,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Dlx2	SVZ	dopaminergic periglomeral neurons	(Brill et al., 2							
	TLR2/4 SiRNA	SVZ/HC	neurogenesis	(Rolls et al.,	2007)						
	miRNA124, miRNA 137	SVZ	neurogenesis	(Silber et al.,	2008)						
Reprogram	ming Genes										
	Oct4/Klf4	5 days post	ni pluripotent cells	(Kim et al., 2	008)						
Small Mole											
	VPA	AHP	neurogenesis/1gliogenesis	(Hsieh et al.,							
	Fluoxetine	HC	neurogenesis	(Santarelli et							
	Cyclopamine Isoxazoles	HC AHP	1 proliferation	(Lai et al., 20							
	ISOXAZOIES	AHP	neurogenesis/1gliogenesis	(Schneider e	t al., 2008)						

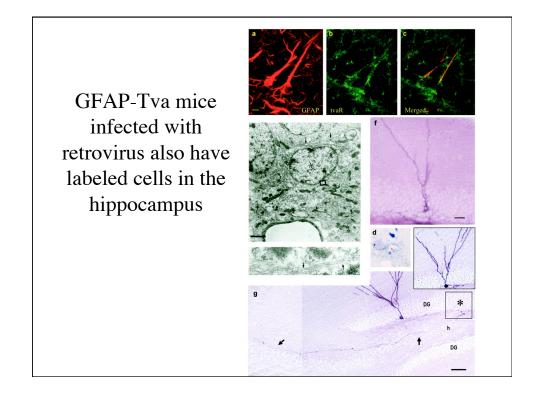


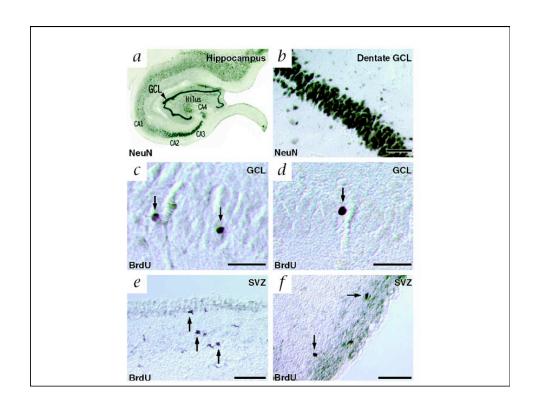


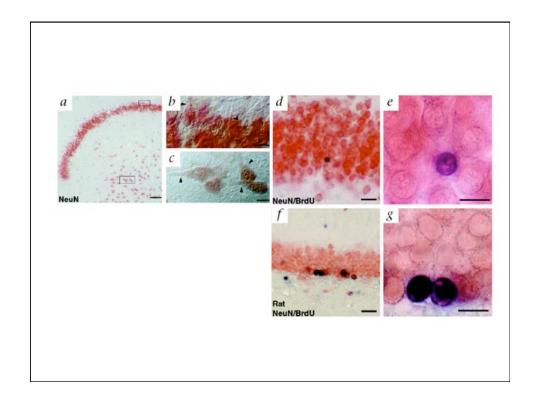


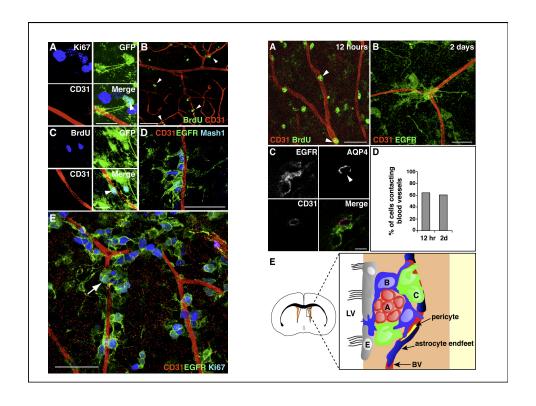


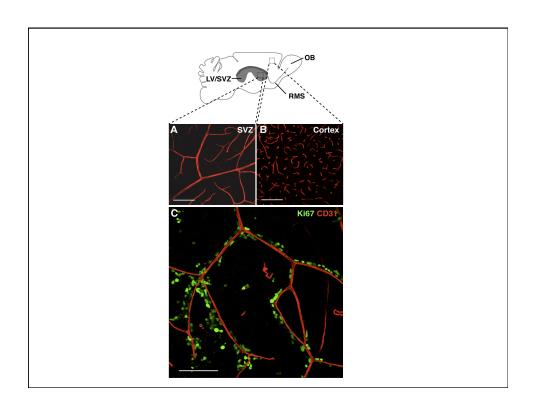


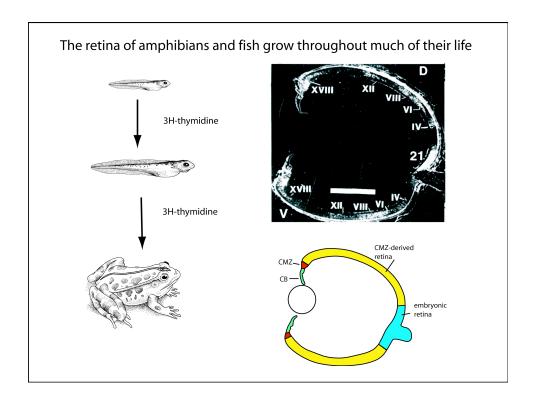


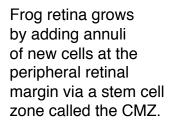


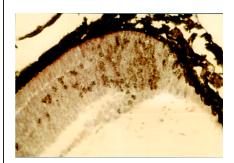


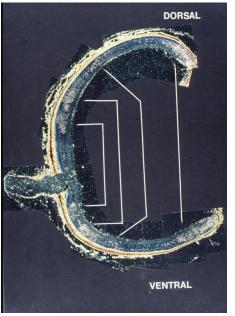












From Reh and Constantine-Paton, 1981

The retinal margin of the chicken contains retinal progenitor cells. ONL INL GCL Inject BrdU Intraocularly: Up to 1 month posthatch IPL Fischer and Reh, 2000

