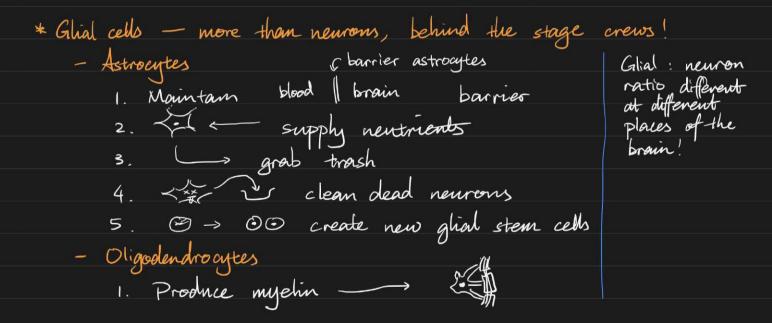
Lea	cture 5										
=	- All -th	loughts	action	potenc	tials,	all t	hinking	biochen	nical	process	es!
		U		<i>'</i>							
	Cells in	. Brain	n								
							3	* Differen	t cell	func	tion
	10 (W	A neuror	<u> </u>					* Different	dendr	ite /axi	on
		De	endrites	- 1	receive	c mess	ages	natio!			
		# N	udens					Maybe so motor ne	uron	(Z)	ر ا
		— Å	x <i>o</i> n		sends	messa neperce	ge	V		-2	5
					(only o	ne per ce	<i>u</i>)			5	3
	Size J	M	uelin		helps i	nsulate		\ s	ome news		
	N GO	77		. ~	speeds	nsulate up mess	agina	1	host recell lot	ves do	
	7	using	see structu Golgi stam								



#2 Neural Communication * Resting potential: - 70 mV inside relative to Sodium Potassium pump Nat - Ion channel (open) Can be specific to Nat orkt and depends on voltage Nat treshold at channel (closed) when input triggers change movement or Nat channel close Nat channel ope myelin speeds up conduction

13 Neurogenesis and Brein Damage
Dead neurous can't receive transmittors (uh oh)
* Cell Death
- Apoptosis - programmed cell death - Injury / trama
- Injury / trama
- Diseases
* Rosin Reseir
- Undamaged venrons form new connections - Damaged oxons regrow Hard original axon very long - New venrons
- Damaged oxons regrow 5
- New neurons Hard of original axon very long
* Glial scars - blood kills neurons!
undamaged pariler barrier I I I I I I I I I I I I I I I I I I I
undamaged parrier Injury / E Damage
count regrow
com regions
* Alzheimer's (partially env pointially DNA)
- Starts by destroying hippocampus - memony
- Starts by destroying hippocampus > memory - Cell death due to abnormal protein deposit
won't degrade
Won't degrade protein 2 prildup
* Capact neurons - things in shape of neurons that died
* Chost neurons - things in shape of neurons that died.

· - weepy?