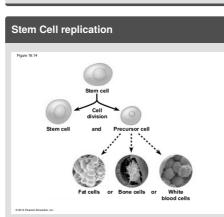
## Cheatography

## Bio Topics! ahh Cheat Sheet by VanessaG via cheatography.com/32617/cs/13447/

Stem Cell differentiation/Manipulation				
stem cells	can give rise to progenit or cells progenitor cells give rise to	can divide into another stem cell and progenitor cell (or 2 stem cells OR two progeintor cells) this ability is how stem cells maintain their own population and generate differentiated cells		
pluripotent	capable of differentiating into many different cell types			
progenitor cells	can differentiate into one of several cell types <i>depending on external factors</i>			

Stem Cell differentiation/Manipulation (cont)				
(iPS)	turns	using	appeared	
induced	differe	retroviral	to	
Pluripot	ntiated	vector	generally	
ent	cells	introduces 4	function	
System	into	genes into	just likee	
cells	undiffe	fully	an	
	retiate	differentiated	embryonic	
	d cells	human (skin)	cell	
	these	cell	but there	
	undeiff	(experimental	are	
	erenti	)	differences	
	ated		in gene	
	cells		expression	
	are		and other	
	called		cellular	
			functions	

Topic 1 11/08



## By VanessaG

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