

Animal and organ size depends on

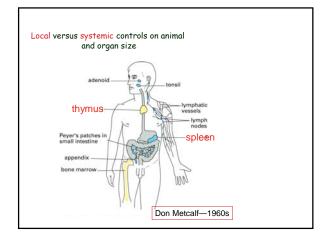
1. Total cell mass:

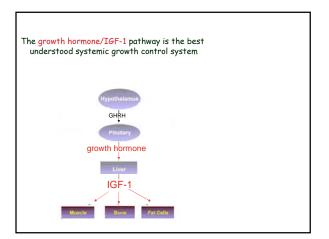
-cell size

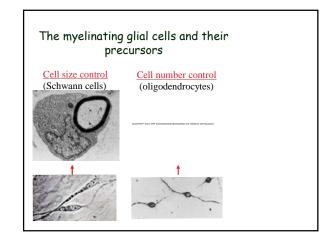
- -cell number
- 2. Extracellular materials

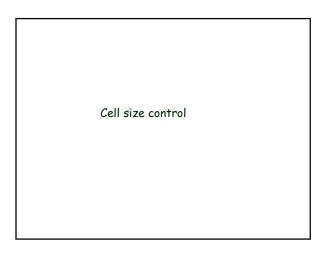
For mammals, cell numbers matter most

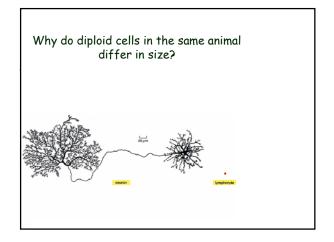
Cell number depends on —cell division —cell death

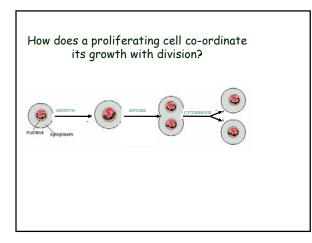


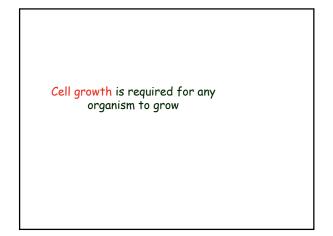


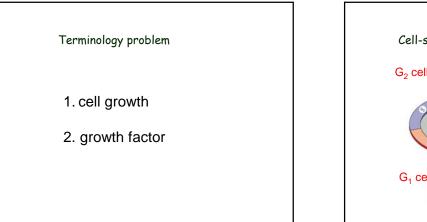


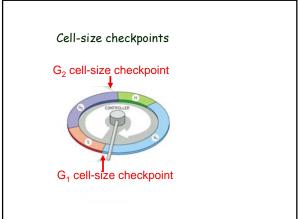


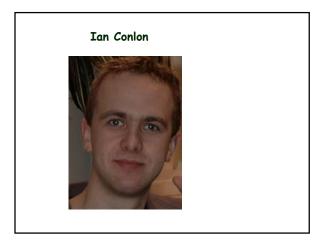


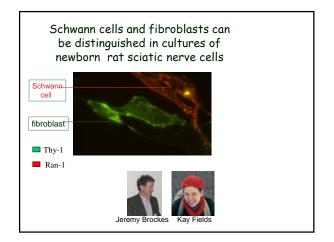


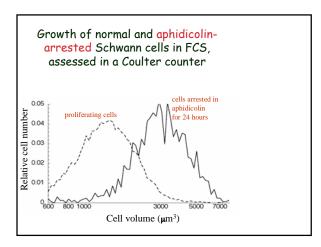


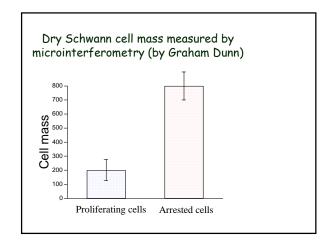


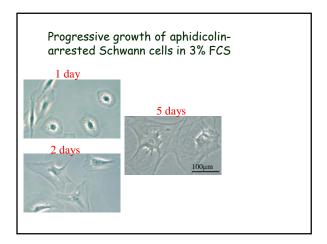


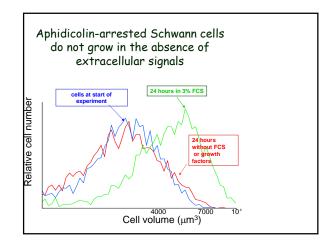


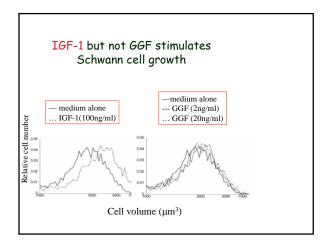


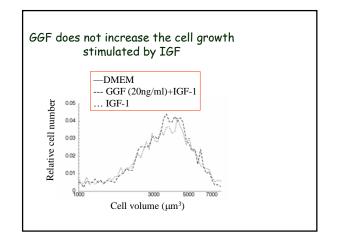


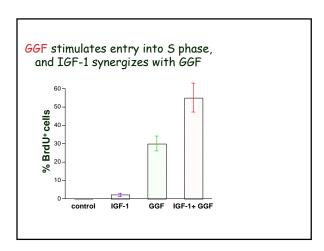


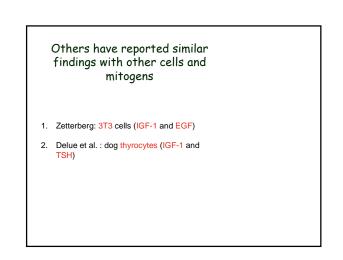












Western blot showing that GGF stimulates the production of cyclin D1 and D2 proteins within 4 hr; IGF-1 does not help								
	0		GGF (20ng)	IGF-1	IGF-1+ GGF (20ng)			
Cyclin D1 actin	-	_	_	_	_			
Cyclin D2 actin	-	-		_	-			

