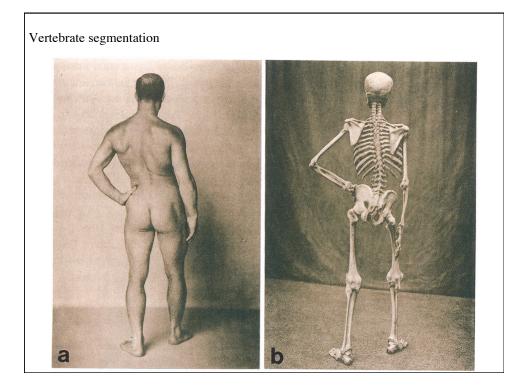
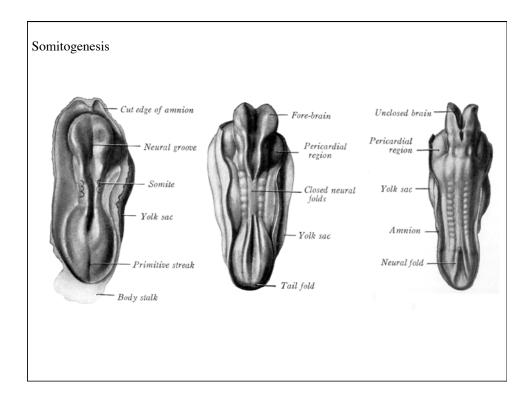
Developmental concepts

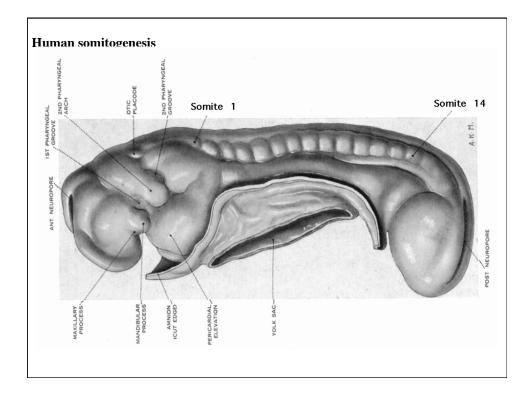
•Specification: Squishy and zen-like idea that a cell has an identity. Assay cell-identity in many ways (morphology, molecules, movement, etc.).

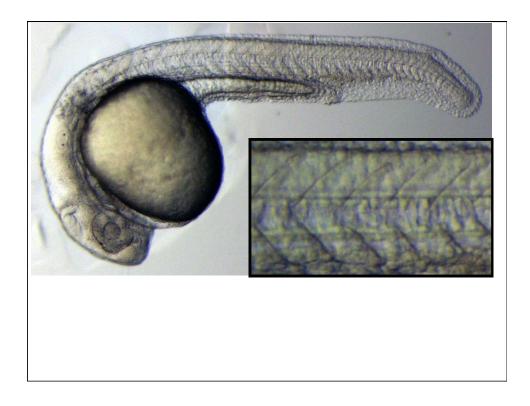
•Commitment (=determination): A cell's identity cannot be changed by a change in the environment. Commitment is an OPERATIONAL definition (when I challenged the cell in THIS way, its fate did not change).

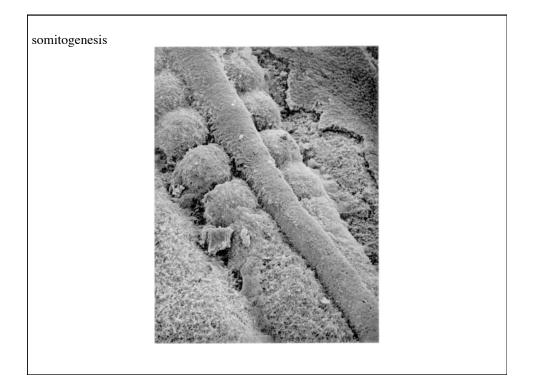
•Differentiation: Expression of structure and functional properties (myosin, AChR, etc)

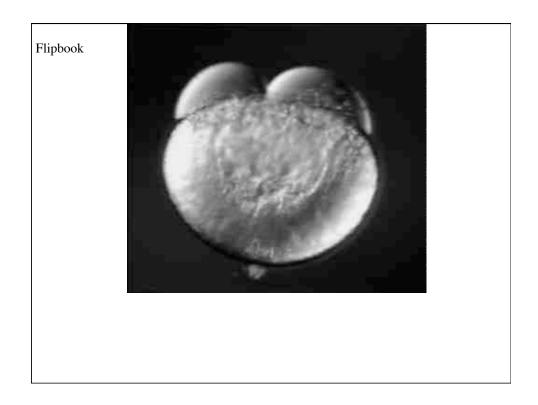


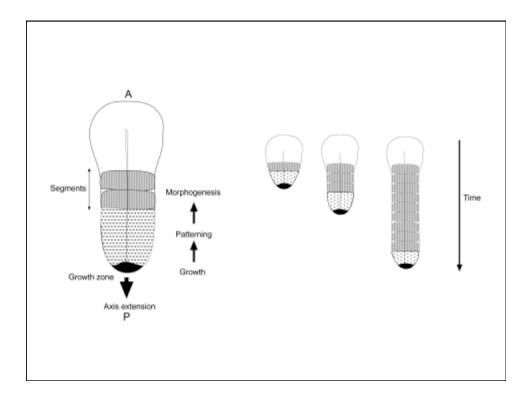


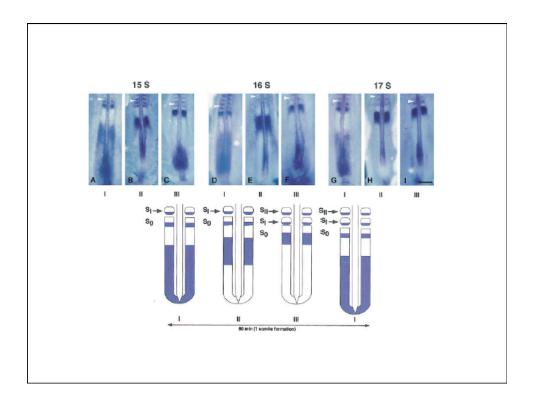


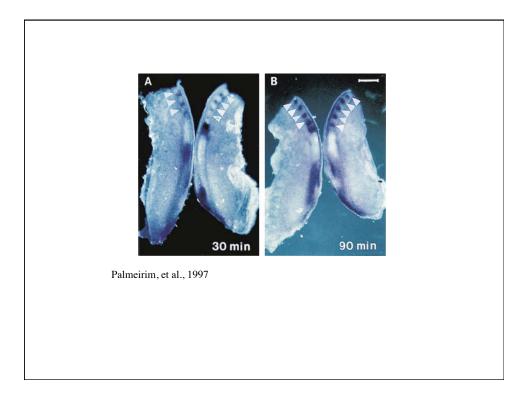


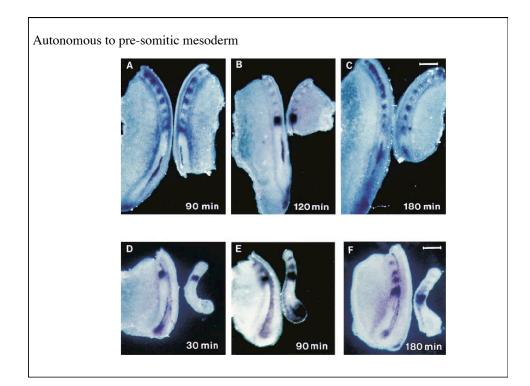


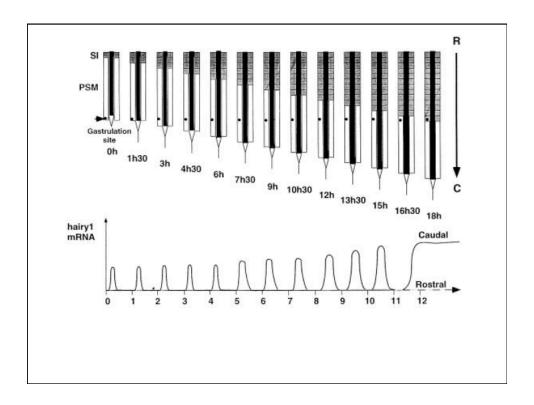


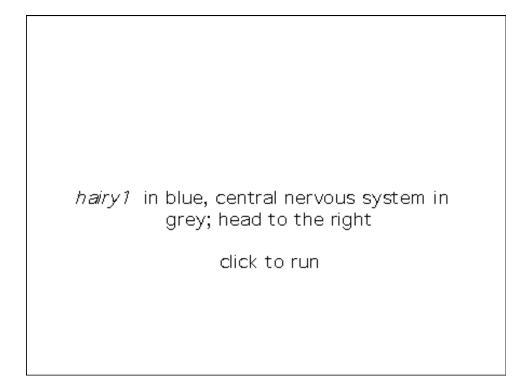


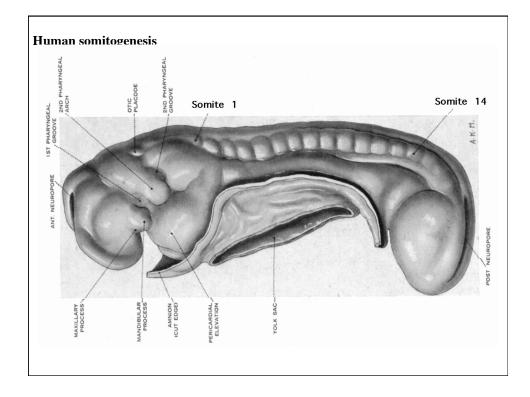


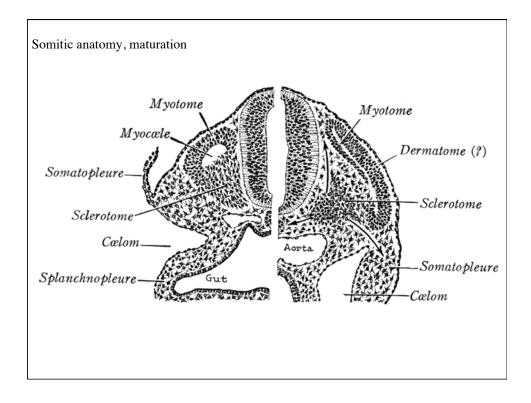


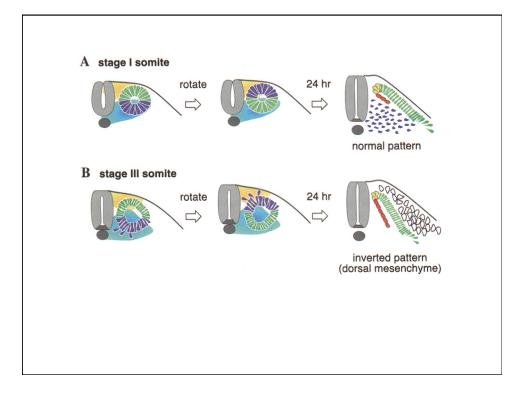


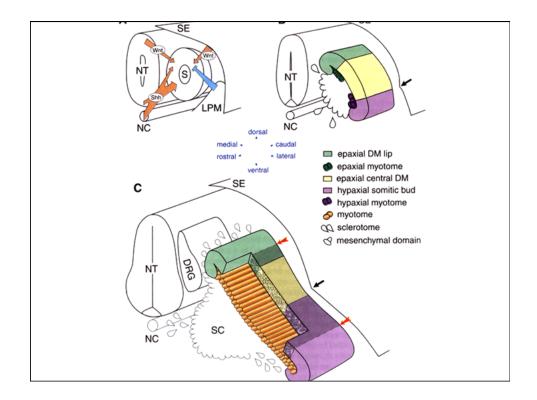


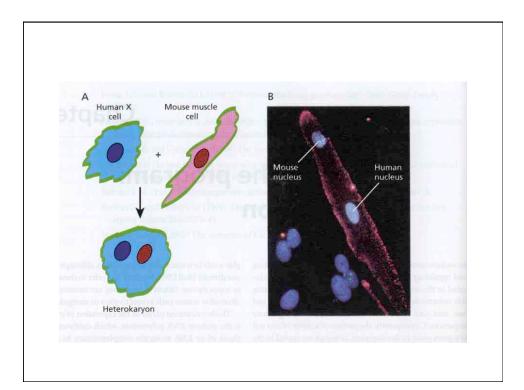


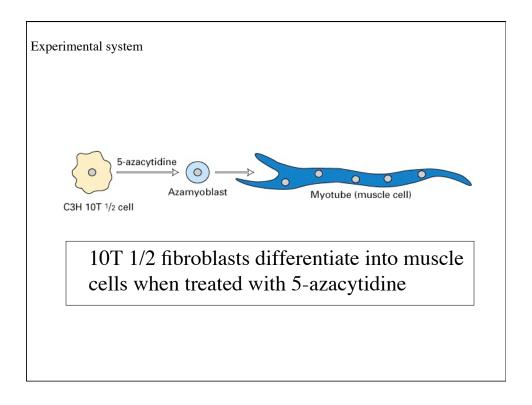


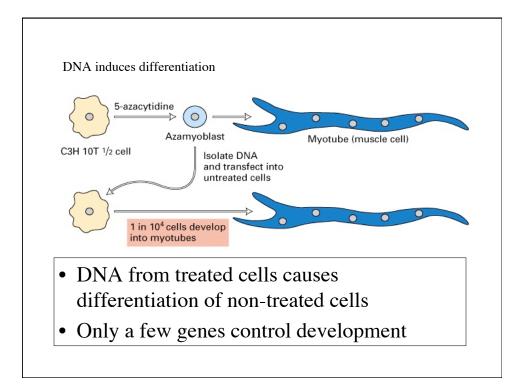


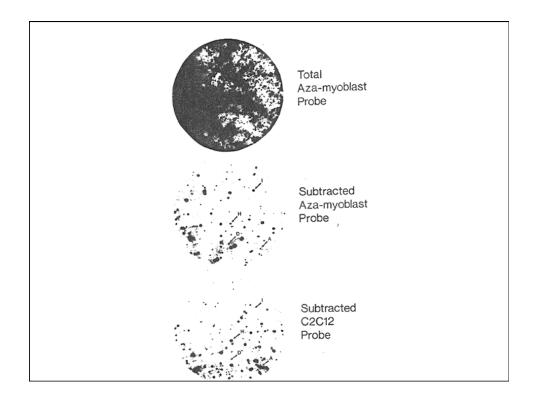


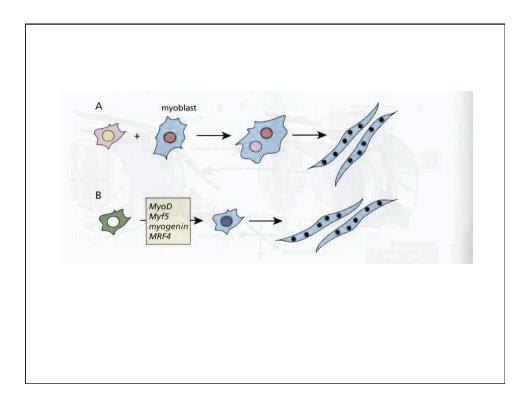


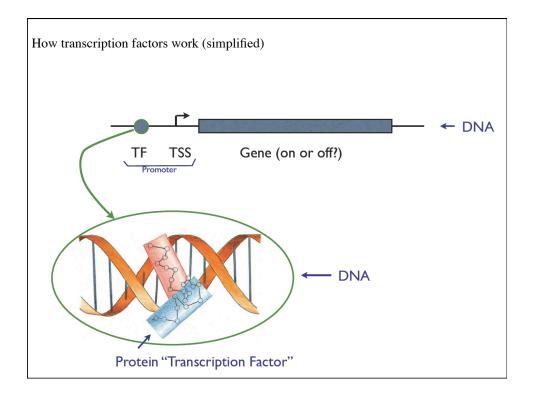


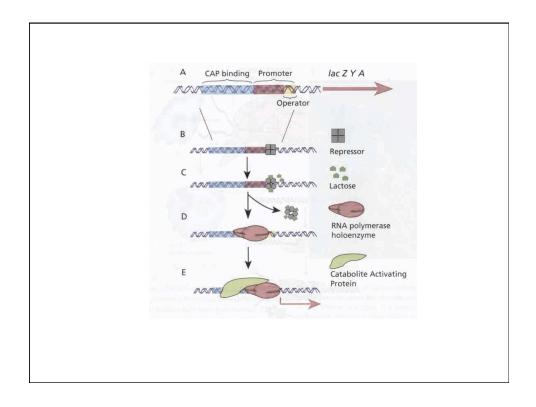


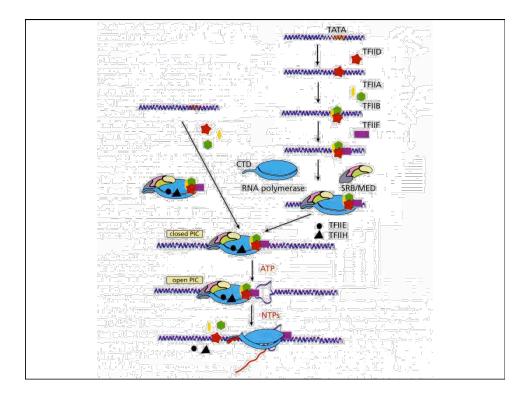


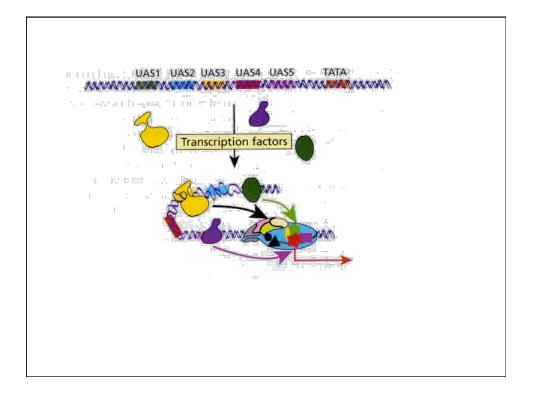


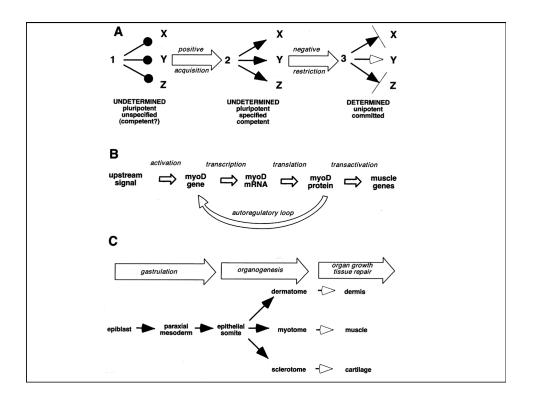


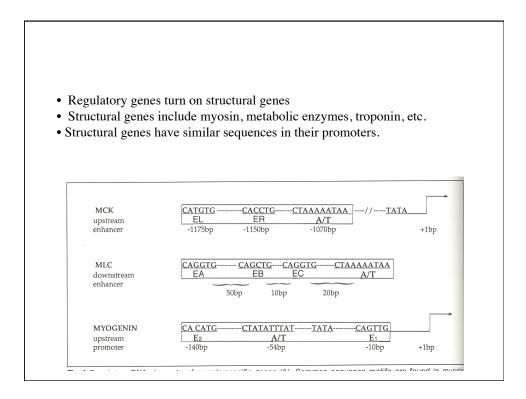


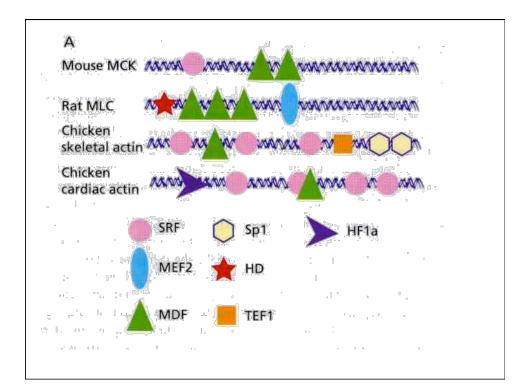


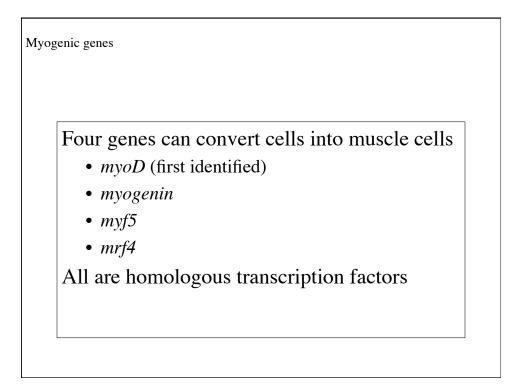


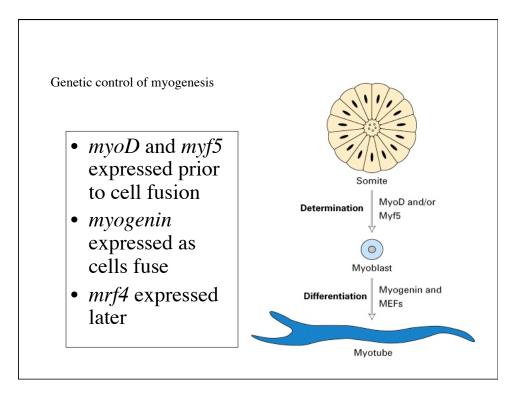


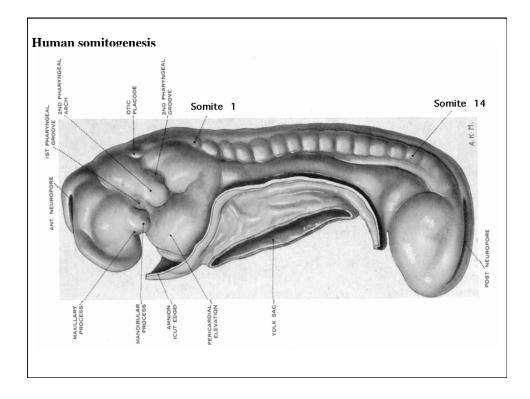


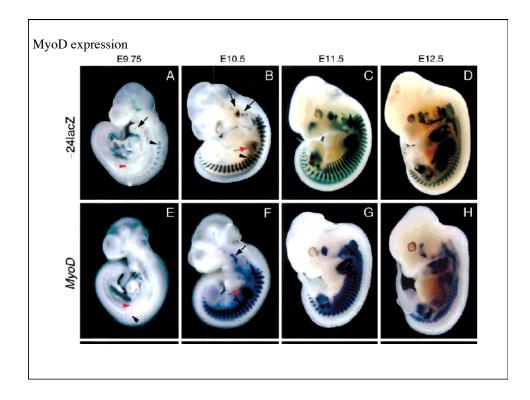












	Gene	Phenotype*		
	Knocked Out	Viable	Myoblasts	Muscle
	myoD	Yes	+	+
	myf5	Yes	+	+
	myoD; myf5	No	-	-
/hat a	re possibl the fun		s (hypothe <i>myoD</i> and	, C

