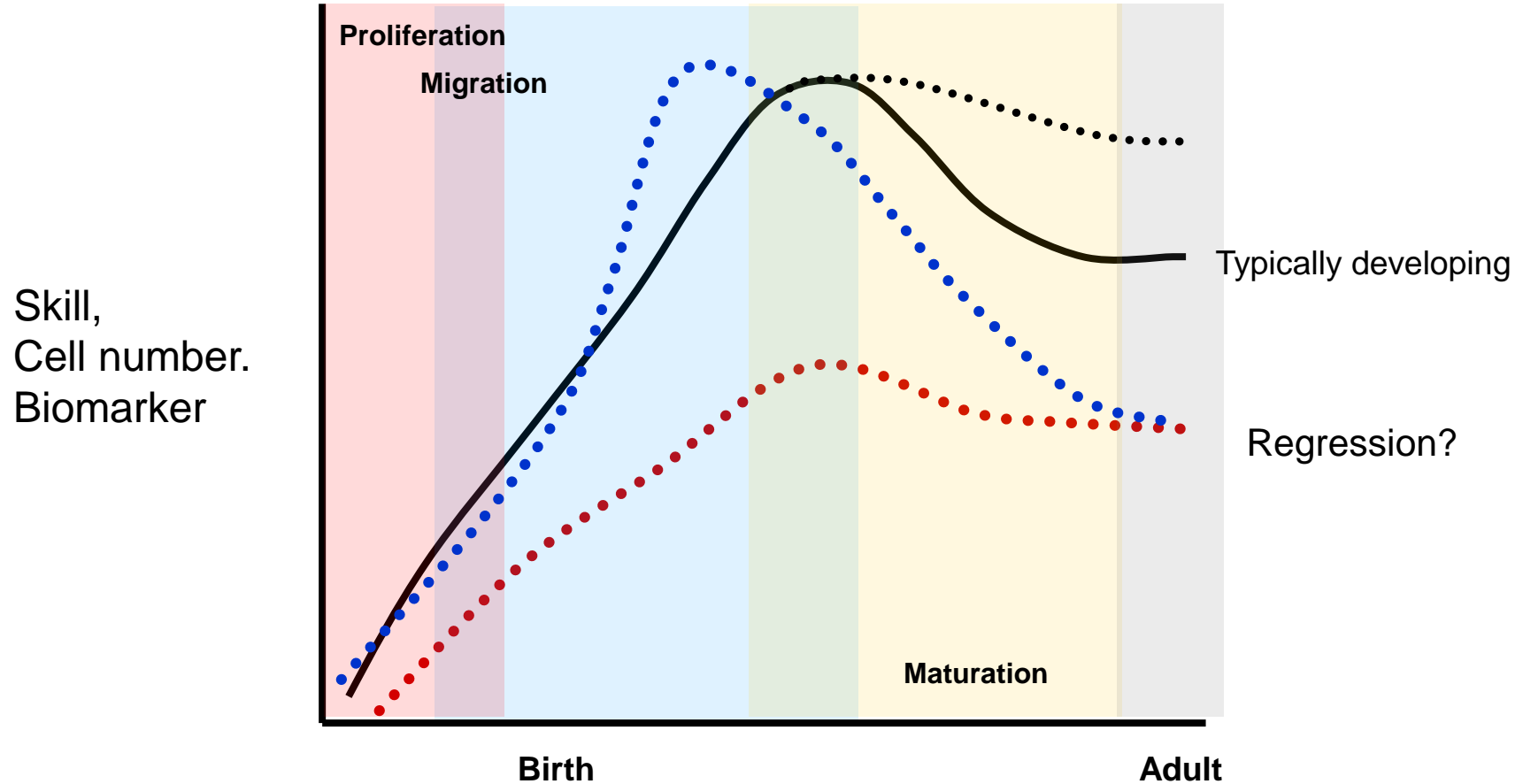


Moving forward with linking biology to clinical observation

Elizabeth Powell, PhD

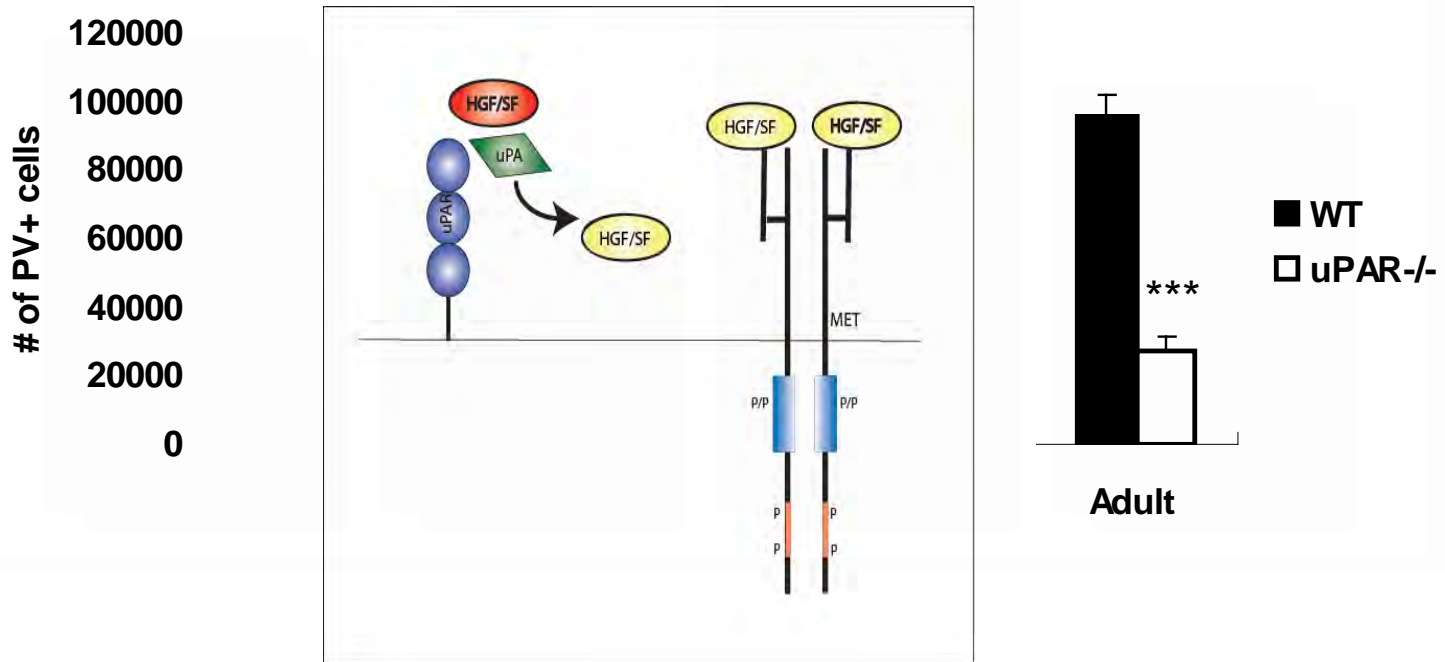
Session 3

What are the underlying parameters that regulate onset patterns?

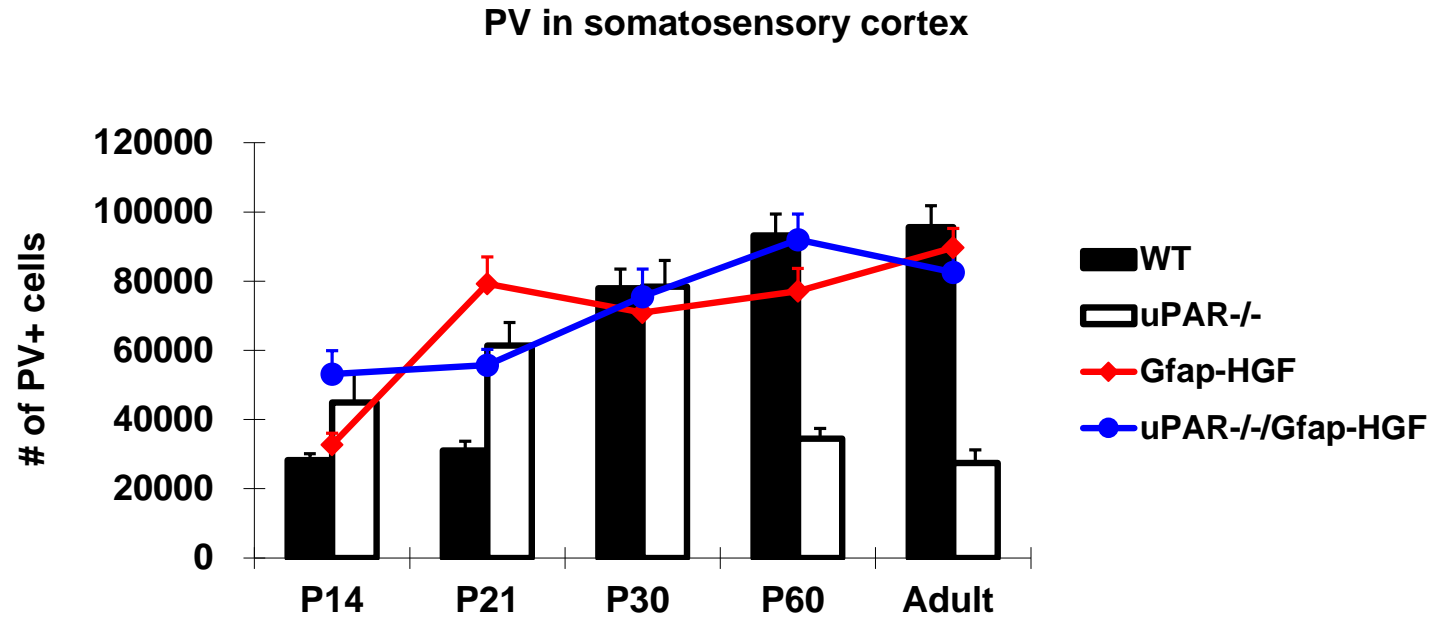


History may be important

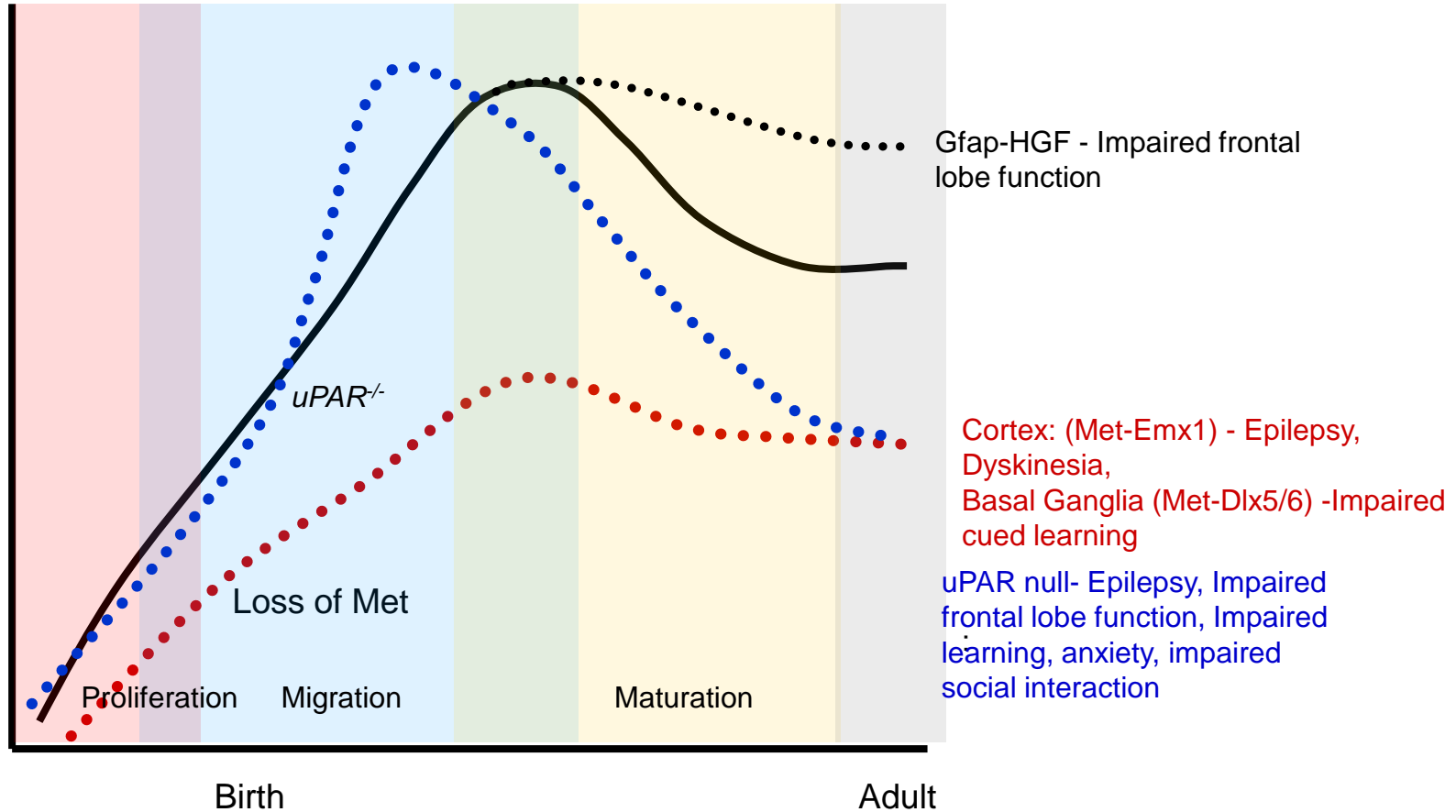
PV in somatosensory cortex

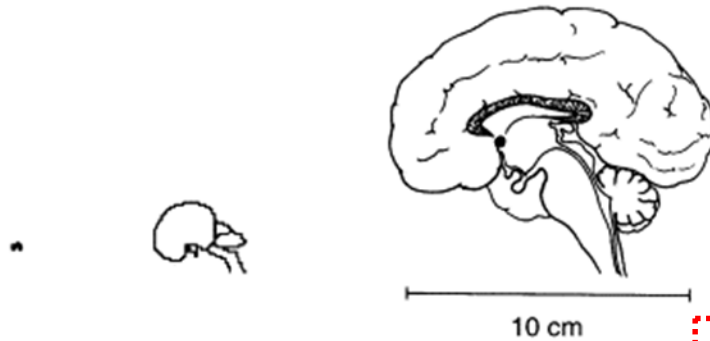
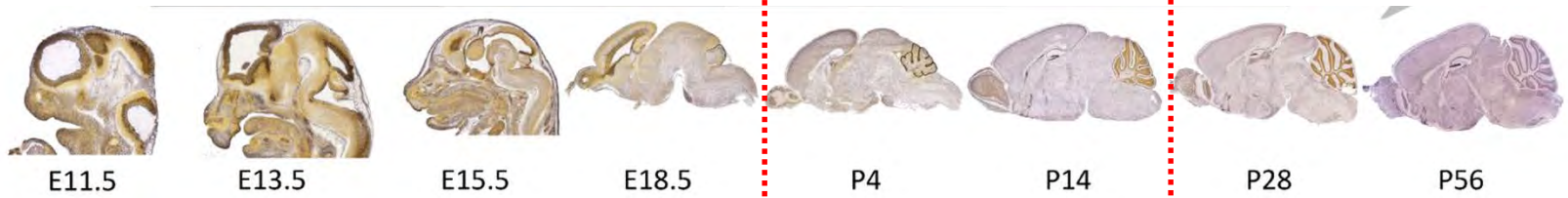


More ligand (HGF) restored the adult interneurons...



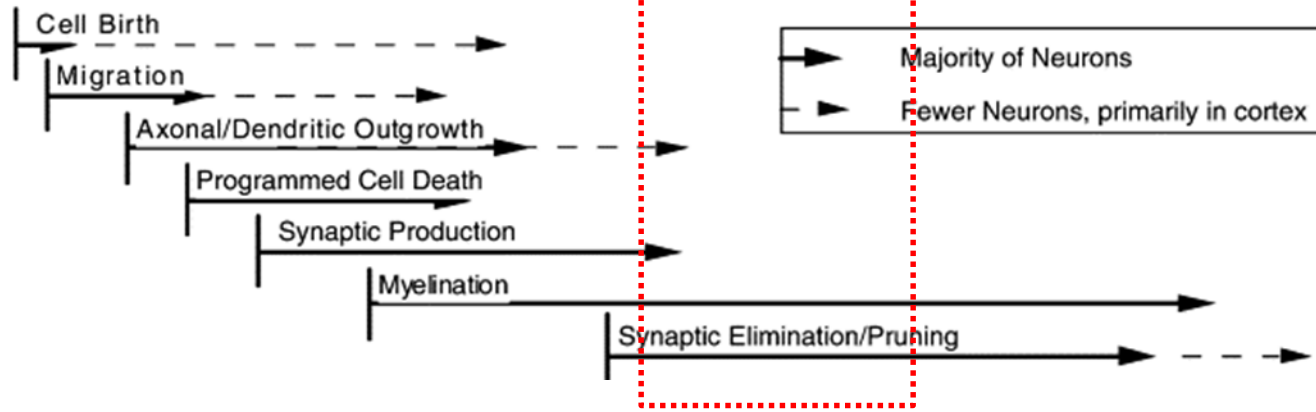
But...only some behavior measures were improved and some new deficits were found





Behavior – Jill Silverman
 Anatomy/imaging – Jason Lerch

Embryonic							Postnatal												
Week: 0	6	12	18	24	30	36	Month: 0	6	12	18	24	30	36	Year: 4	8	12	16	20	24



Majority of Neurons
 Fewer Neurons, primarily in cortex

Other models and tools? Can we fill in the gaps?

Age Comparison

Genetics - Eric Morrow

Ferret development – Sharon Juliano

Primate social behavior – Karen Parker

