THE FUTURE: Anti Id2 therapeutics

- Growth arrest
- Differentiation
- Increased cell death
- Inhibition of angiogenesis

Developmental lineages derived from the neural crest and the genesis of neuroblastoma

- Neural crest cells
- Melanocytes
- Sensory neurons
- Notochord
- Enteric neurons
- Sympathetic neurons

Underlying challenge: how to control stem cells
Control brain tumor/neural stem cell behavior

Loss of Huwe1 expands the neural stem cell population

Loss of Huwe1 impairs neural stem cell differentiation