**A**

General developmental processes
- cell proliferation, cell death
- cell polarity, cell fate specification
- act as morphogens

CNS early development
- gastrulation
- pattern formation
- morphogenesis
- neuronal precursor proliferation

Wnt signalling in the CNS

CNS late development
- neuronal migration
- neuronal differentiation
- axon guidance
- synaptogenesis and dendritogenesis

**B**

E9

mdDA progenitor pool and postmitotic precursor maintenance

E10

E12

E14

Adult

Wnt signaling in the mdDA system

midbrain morphogenesis

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