**Onset of Ptf1a**

**Ptf1a neurons reach final laminar position and sprout processes in the developing IPL** (displaced amacrine cells sprout processes towards the apical side).

**AC processes form exclusively in the inner or outer sublamina and synaptogenesis starts**

**HC undergo another division and differentiate**

**28 different types of amacrine cells can be distinguished morphologically**

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**35 hpf**
Onset of Ptf1a in migrating postmitotic neurons

**42 - 50 hpf**
Ptf1a neurons reach final laminar position and sprout processes in the developing IPL (displaced amacrine cells sprout processes towards the apical side)

**60 - 80 hpf**
AC processes form exclusively in the inner or outer sublamina and synaptogenesis starts

**120 hpf**
28 different types of amacrine cells can be distinguished morphologically