



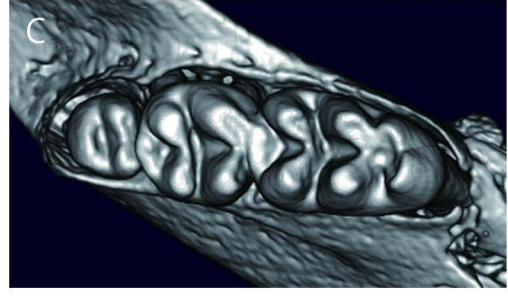
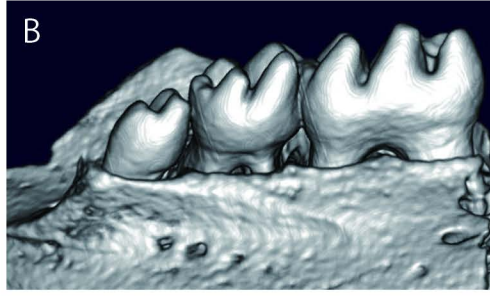
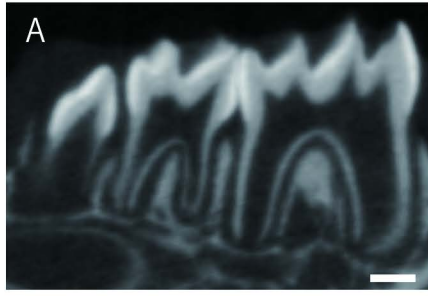
Title	Stage- and tissue-specific effect of cyclophosphamide during tooth development
Author(s)	Nakatsugawa, Kohei; Kurosaka, Hiroshi; Inubushi, Toshihiro et al.
Citation	European Journal of Orthodontics. 2019, 41(5), p. 519-530
Version Type	AM
URL	https://hdl.handle.net/11094/103599
rights	
Note	

The University of Osaka Institutional Knowledge Archive : OUKA

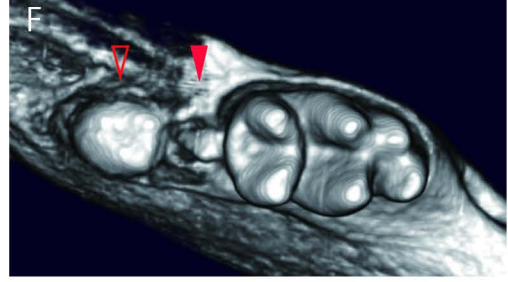
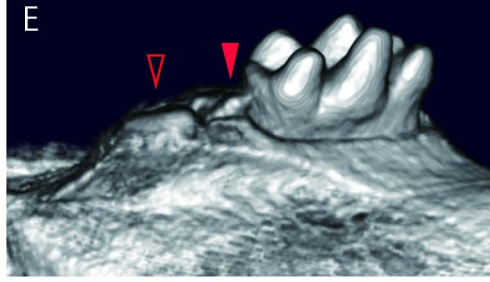
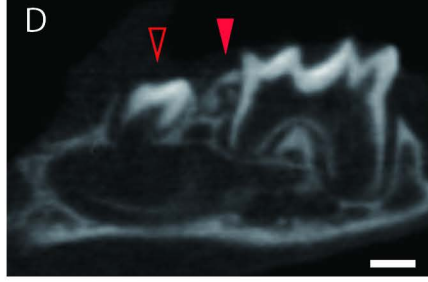
<https://ir.library.osaka-u.ac.jp/>

The University of Osaka

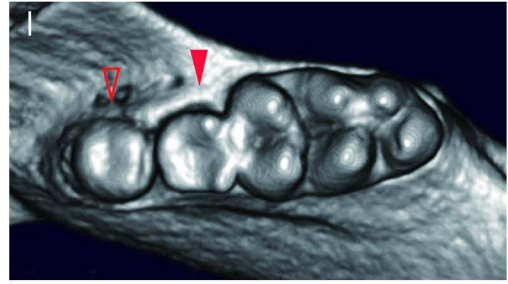
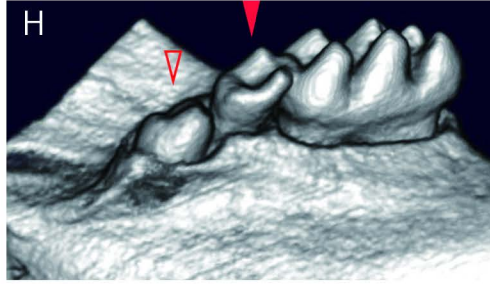
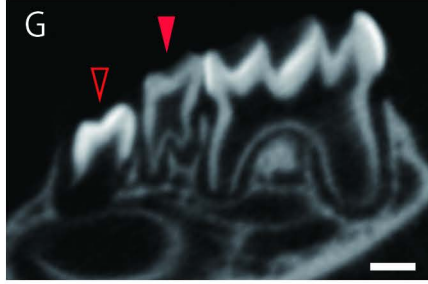
Control



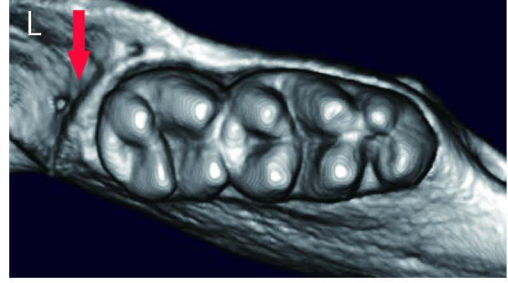
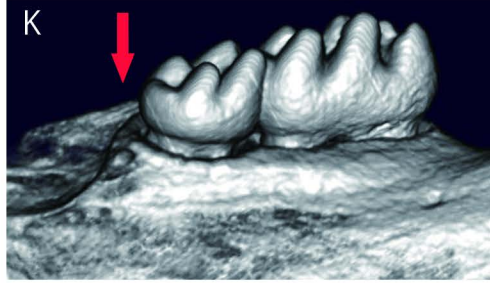
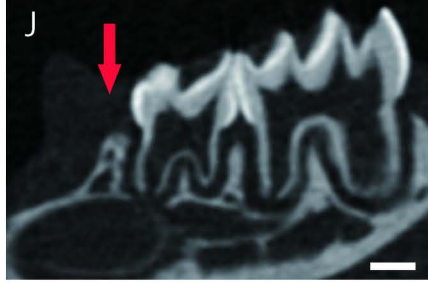
Day1-CPA



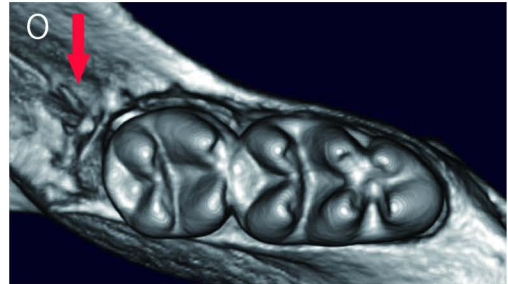
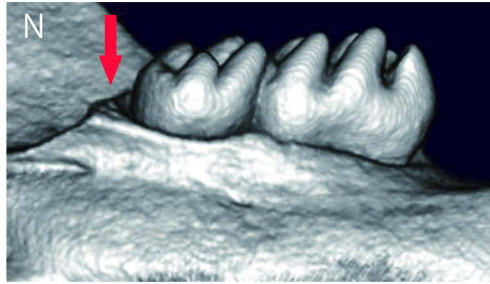
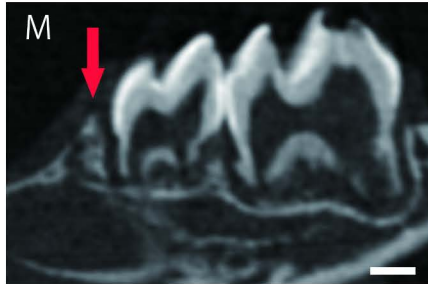
Day2-CPA



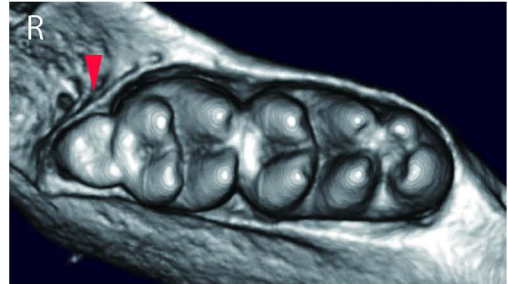
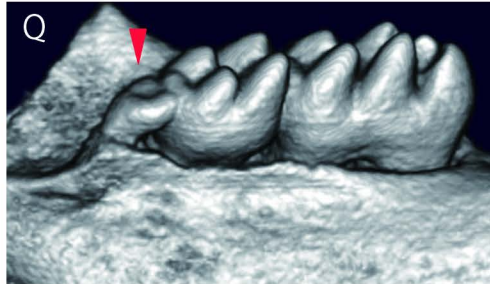
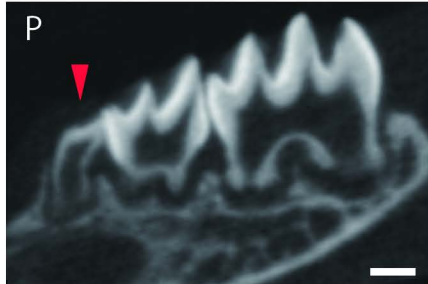
Day4-CPA



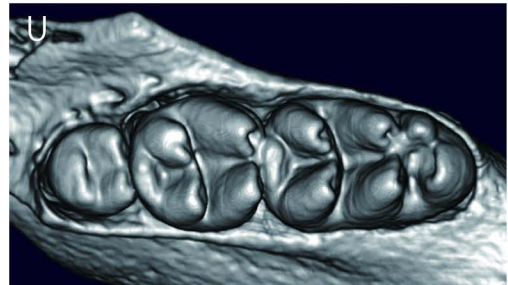
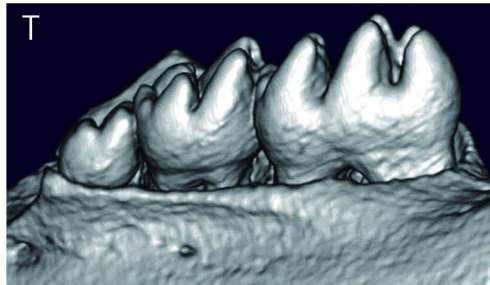
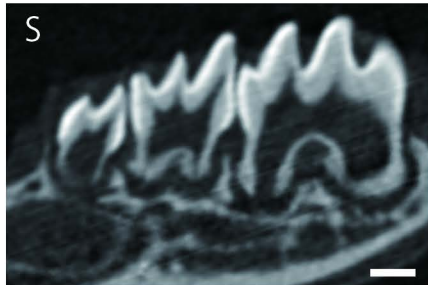
Day6-CPA



Day8-CPA

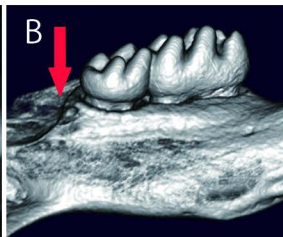
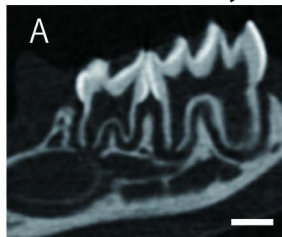


Day10-CPA

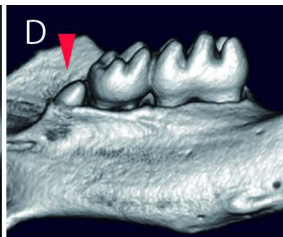
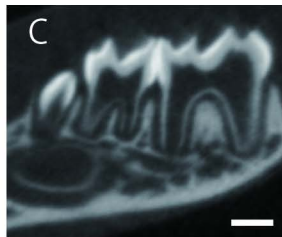


Day4-CPA mice

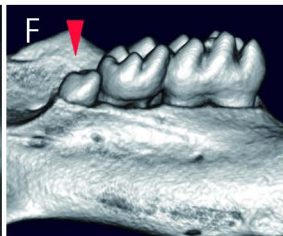
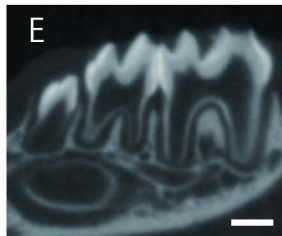
100-CPA



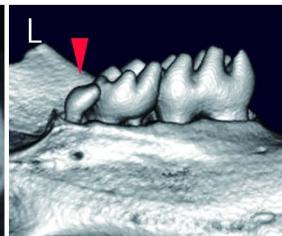
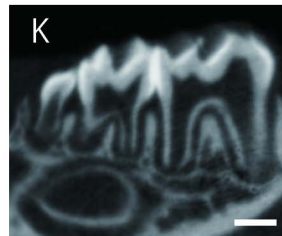
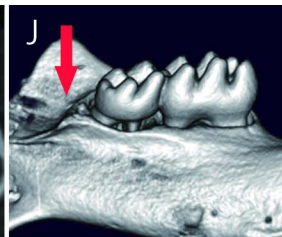
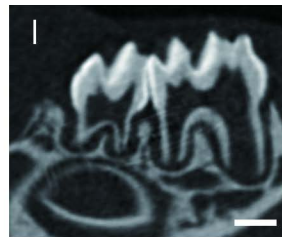
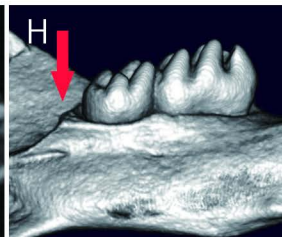
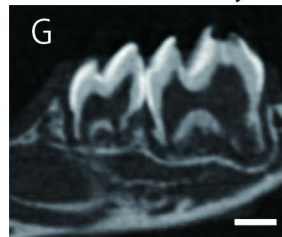
50-CPA



25-CPA

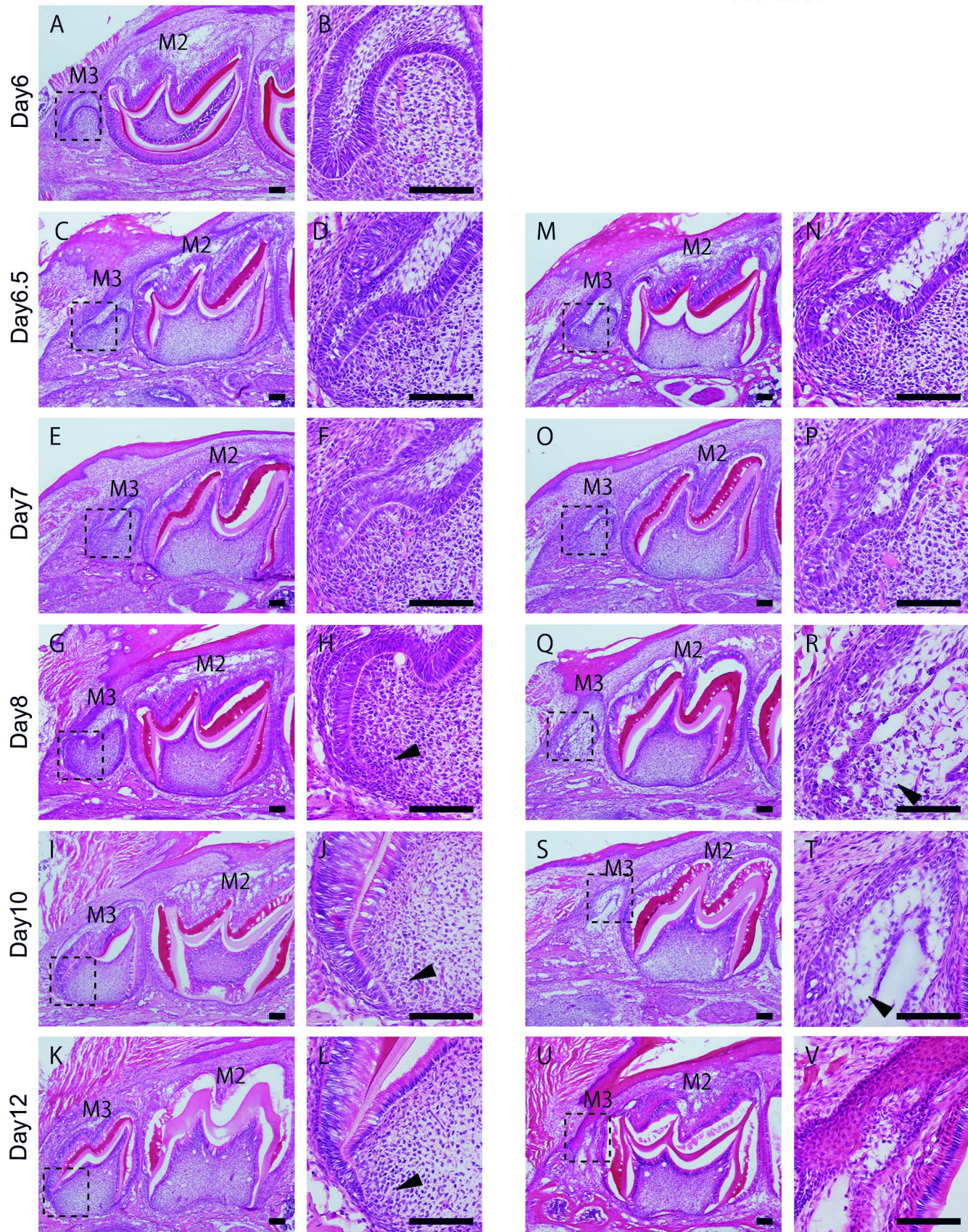


Day6-CPA mice



Control

100-CPA



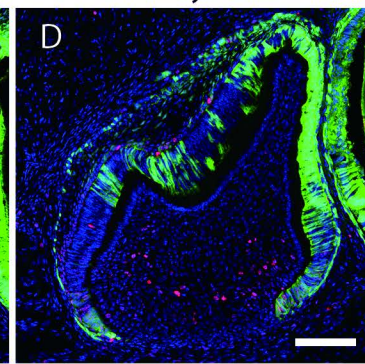
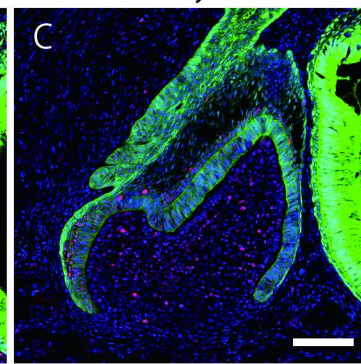
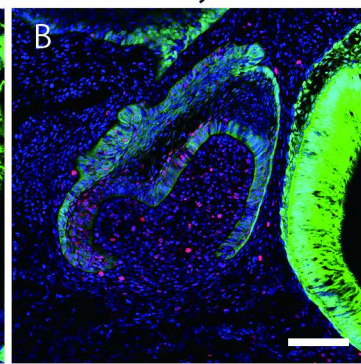
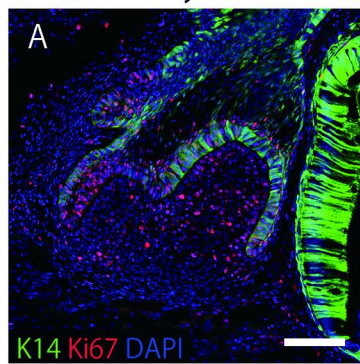
Day6.5

Day7

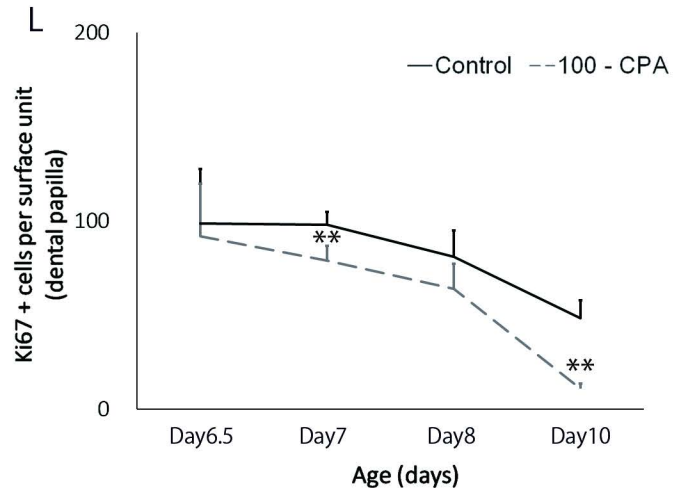
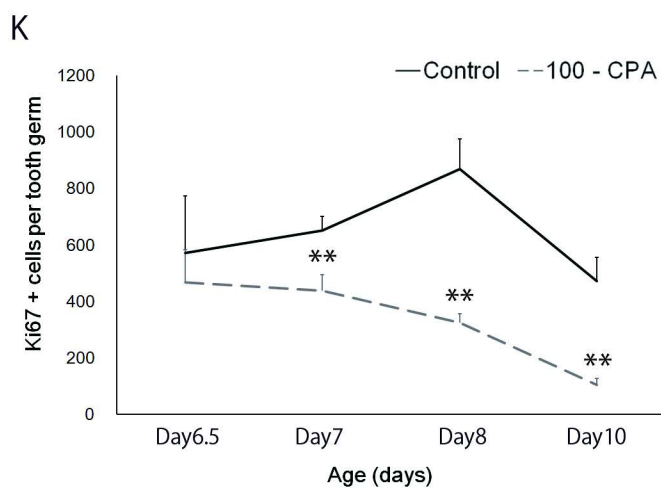
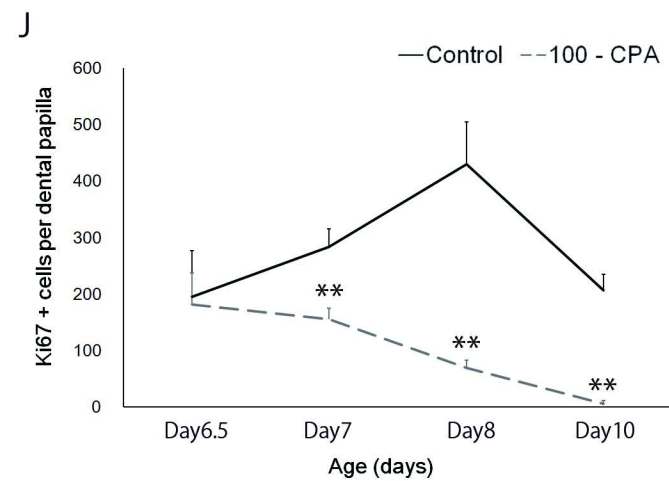
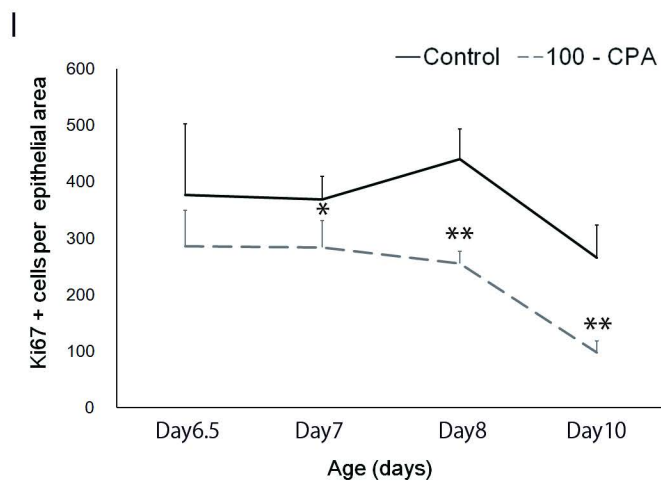
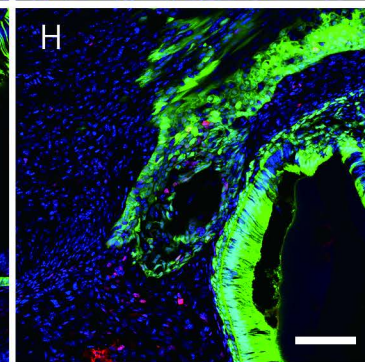
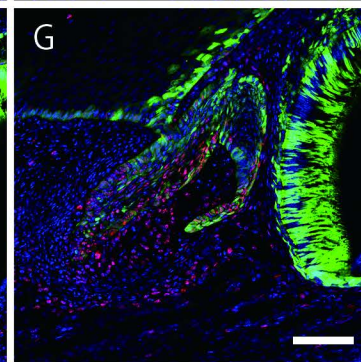
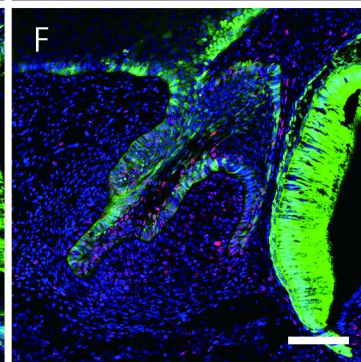
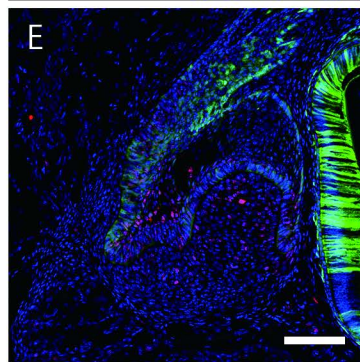
Day8

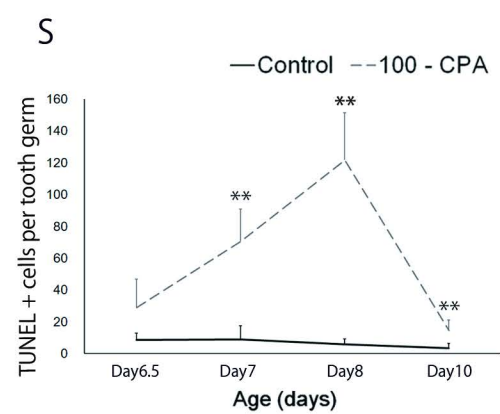
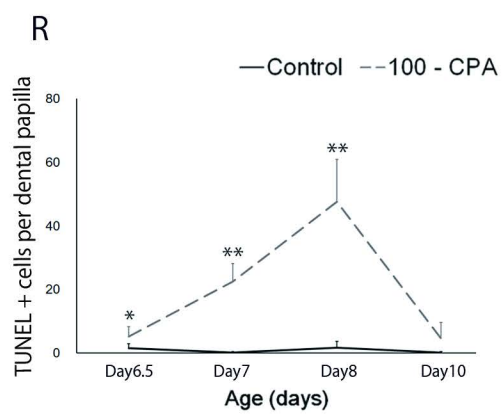
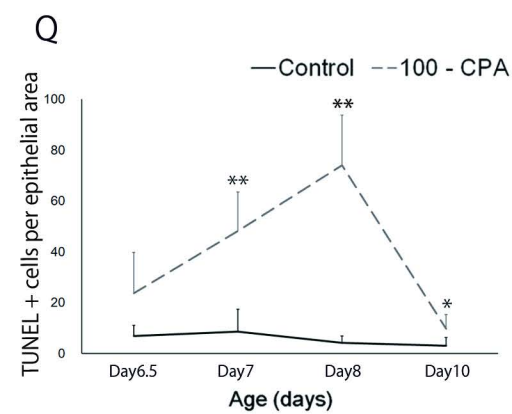
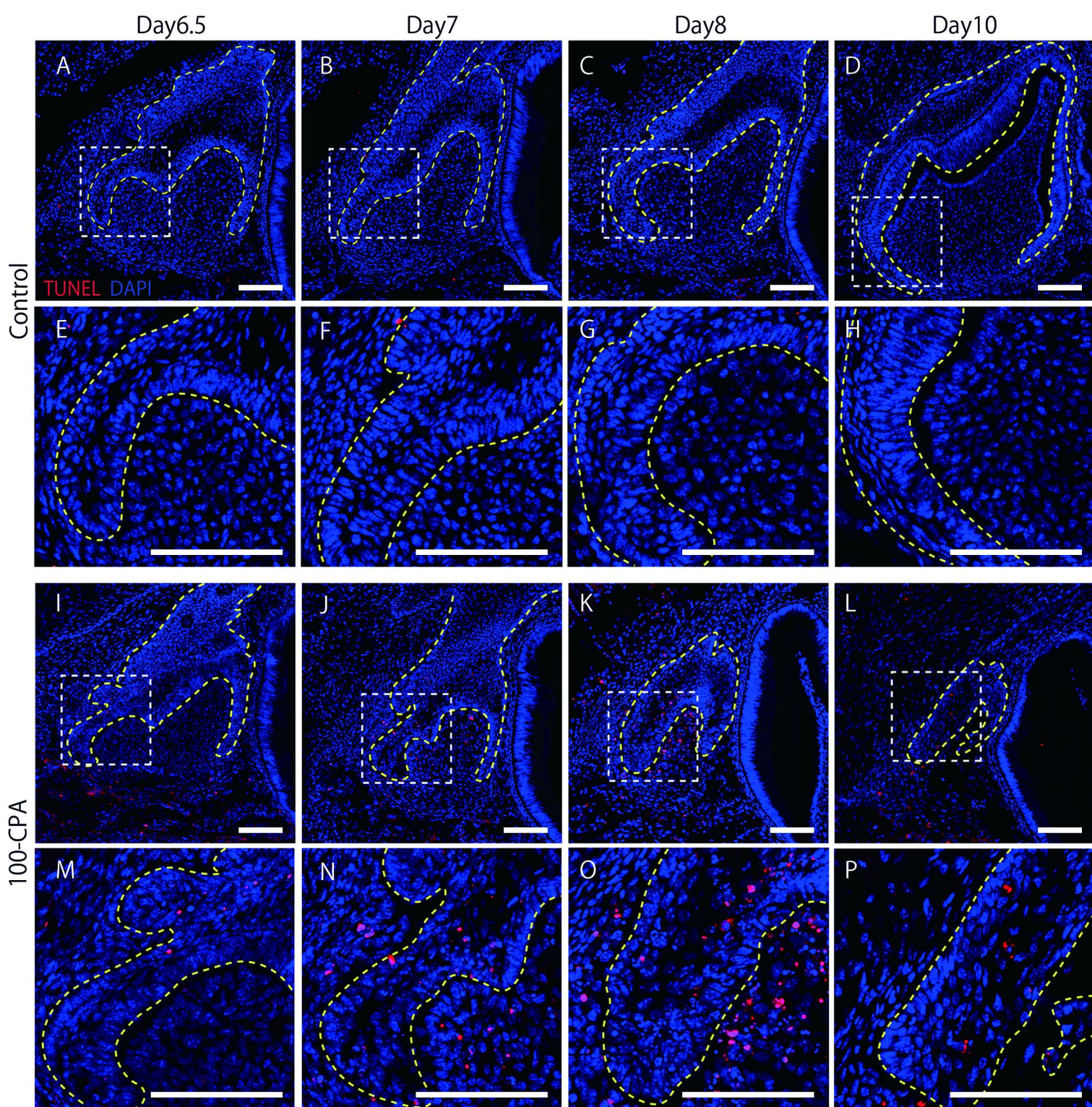
Day10

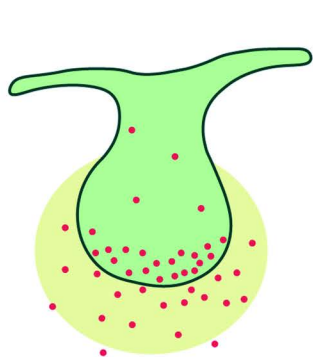
Control



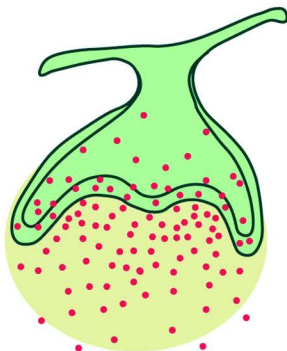
100-CPA



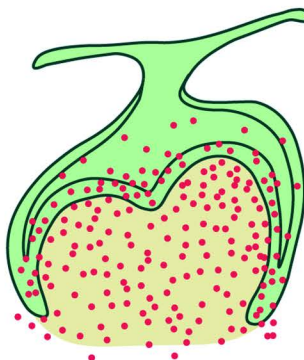




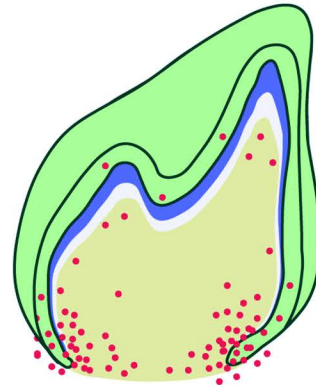
Bud



Cap



Early bell



Late bell

100 mg/kg CPA administration

Absence of eruption
Short roots

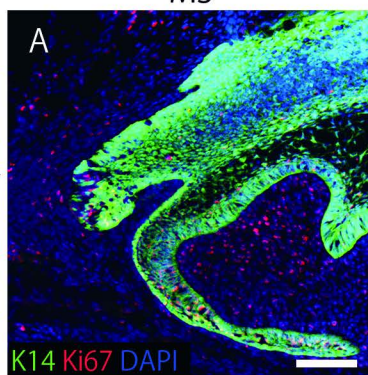
Missing teeth

Microdontia
Short roots

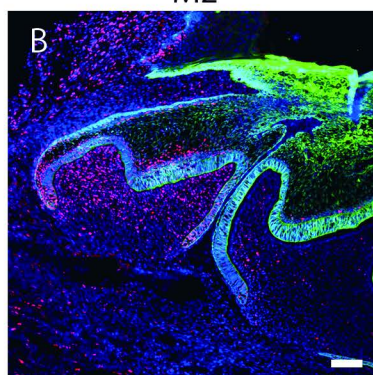
Short roots

M3

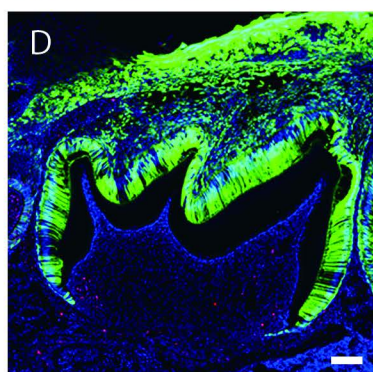
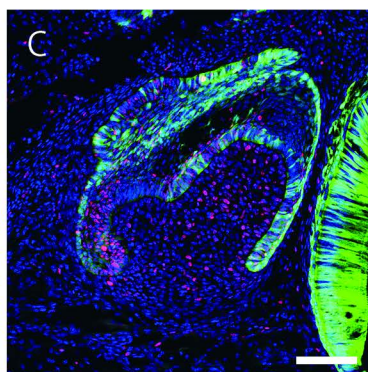
Day1



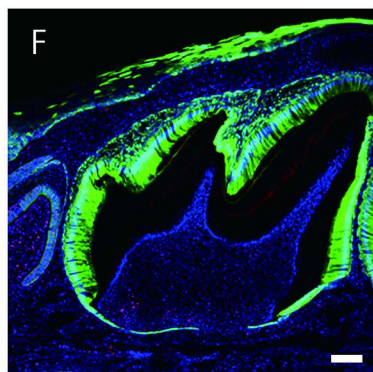
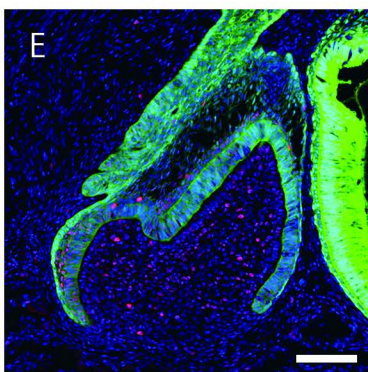
M2



Day6



Day8



Day10

