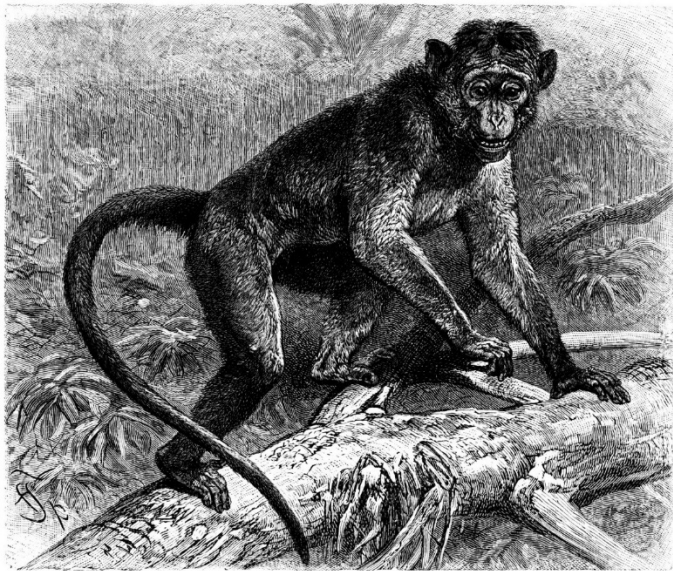


Neural correlates of auditory short term memory in sensory cortex of the macaque



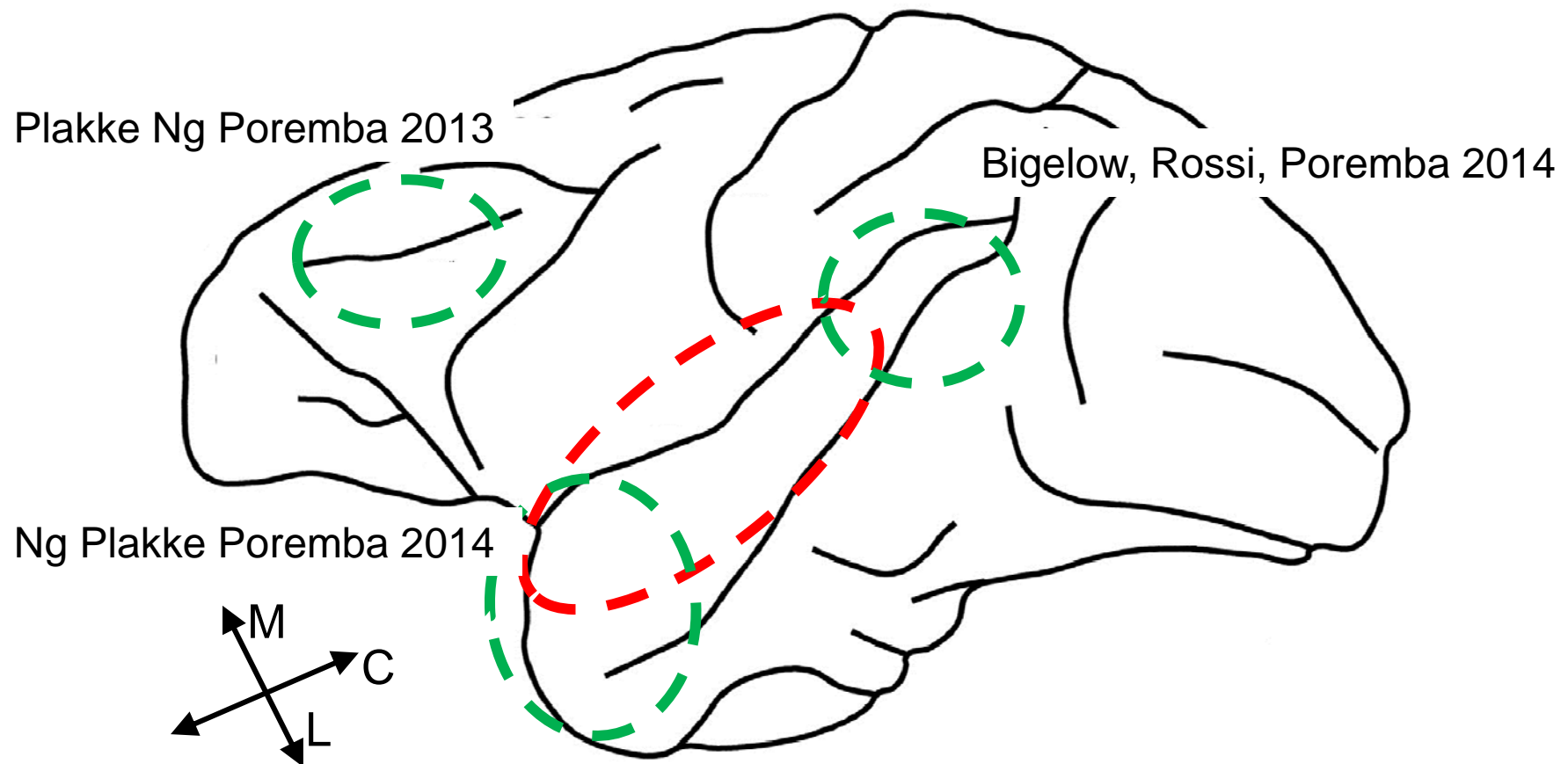
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CRESCENT Auditory Working Memory Workshop - 15 June 2017

- NIH restricts posting of slides, but here are summary diagrams with pointers to the relevant papers.
- If you have any questions or would like more information, do not hesitate to contact me.

Other studies, areas yielded similarly low yield delay activity

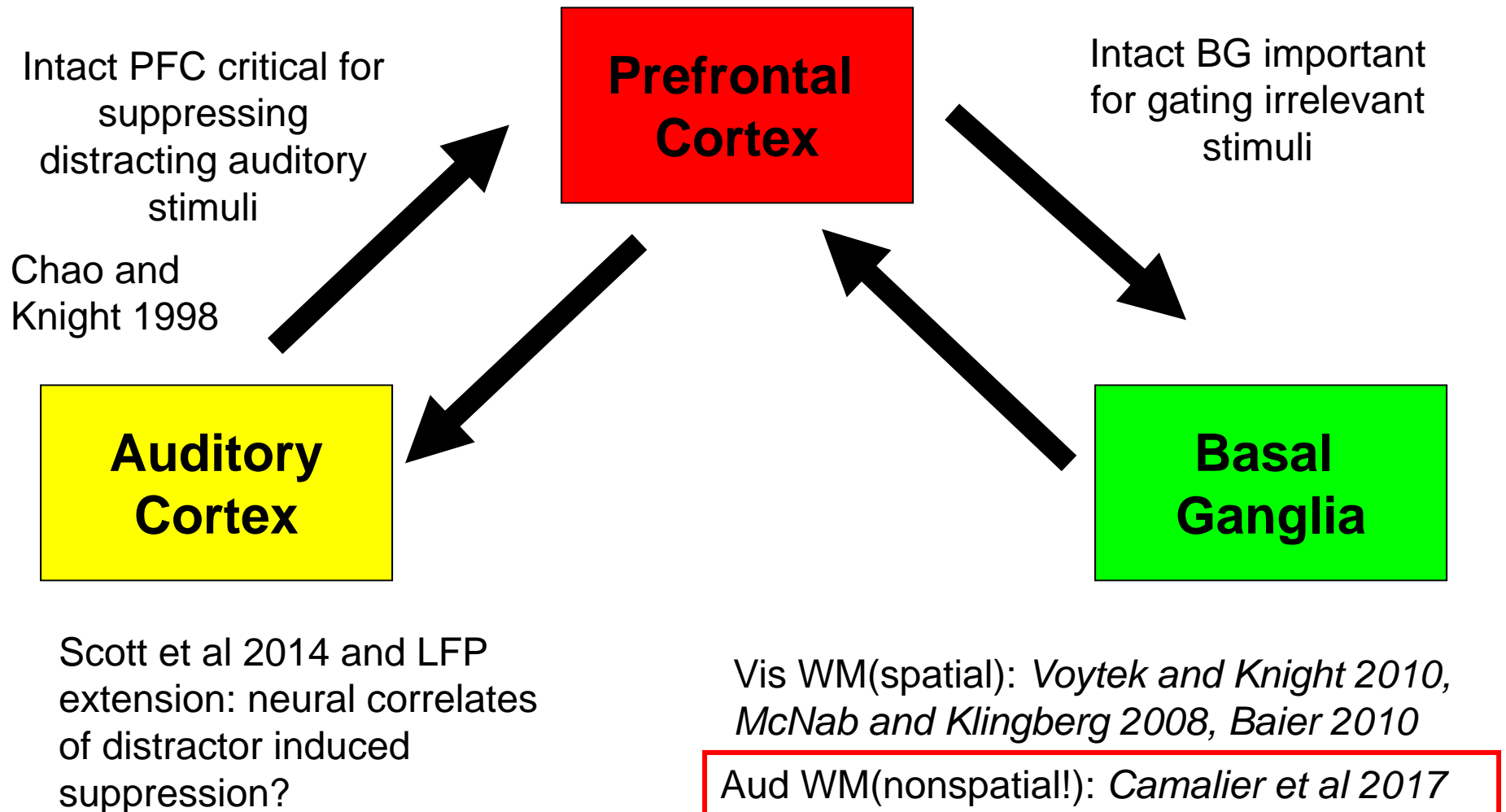


Lateral surface, macaque
brain

Scott, Mishkin, Yin 2014

core, belt parabelt:
auditory cortex

Distractor interference in mnemonic tasks



Main points:

1) Nature of encoded representation

Delay period activity does not adequately explain mnemonic activity.



2) Shared (supramodal?) mechanisms for distractor interference

Suppression of distractor via frontal/BG mediated mechanism? How is filter established?

Nature of decay vs interference effects in STM
(Baddeley 2012)