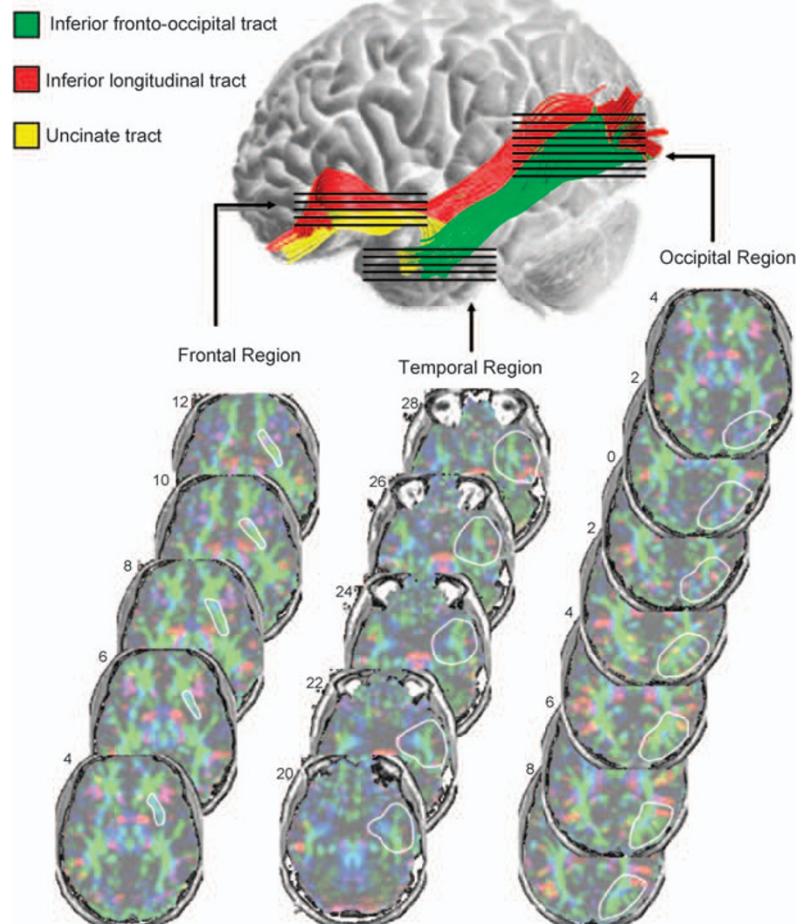


IMAGE

Virtual dissection of the major association pathways connecting to the amygdala and orbitofrontal cortex

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A two-region-of-interest (ROI) approach was used to carry out virtual dissection of the major association pathways connecting the amygdala and orbitofrontal cortex (OFC). An anterior 'frontal' ROI was defined around the anterior floor of the external capsule in five consecutive axial slices (from MNI -6 to -14). A second 'temporal' ROI was defined around the white matter of the anterior temporal lobe in five consecutive axial slices (from MNI -22 to -30). A third 'occipital' region was defined in the white matter of the occipital lobe in 10 consecutive axial slices (shown here only from MNI -4 to 4). To dissect the uncinate tract, all fibres passing through the 'frontal' and 'temporal' regions are shown in yellow. All fibres passing through the frontal and occipital regions are shown in red and correspond to the inferior fronto-occipital tract. Finally, all fibres passing through the temporal and occipital regions are shown in green and correspond to the inferior longitudinal tract. Dissections were carried out for both hemispheres. For more information on this topic, please refer to the article by Craig *et al.* on pages 946–953.