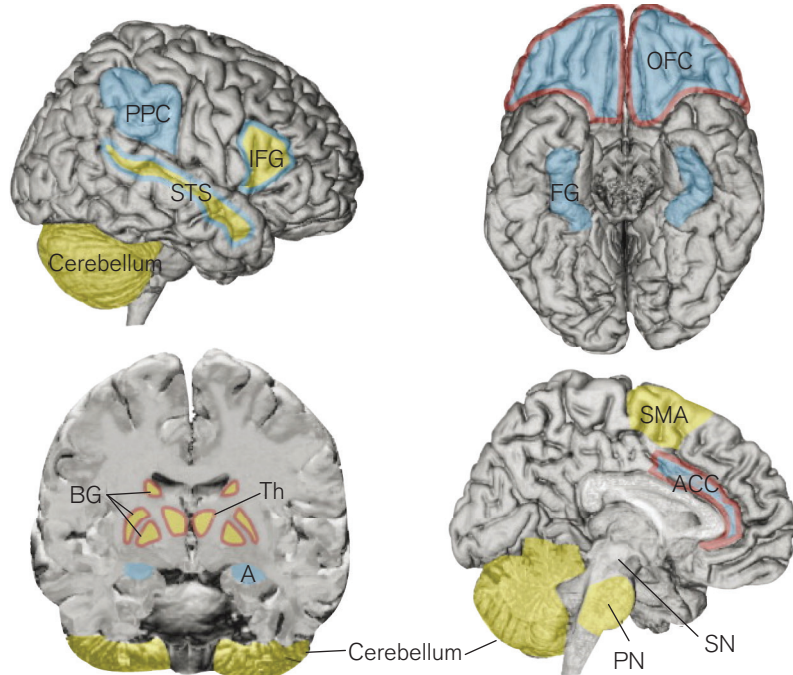


FIGURE 5.11 The Neuroanatomy of Autism

This figure illustrates the areas of the brain involved in social impairment, communication deficits, and repetitive behaviors.

Source: Amaral et al. (2008).



| Social impairment | Communication deficits | Repetitive behaviors |
|--|--|---|
| <p>OFC-Orbitofrontal cortex</p> <p>ACC-Anterior cingulate cortex</p> <p>FG-Fusiform gyrus</p> <p>STS-Superior temporal sulcus</p> <p>A-Amygdala mirror neuron regions</p> <p>IFG-Inferior frontal gyrus</p> <p>PPC-Posterior parietal cortex</p> | <p>IFG-Inferior frontal gyrus (Broca's area)</p> <p>STS-Superior temporal sulcus</p> <p>SMA-Supplementary motor area</p> <p>BG-Basal ganglia</p> <p>SN-Substantia nigra</p> <p>Th-Thalamus</p> <p>PN-Pontine nuclei cerebellum</p> | <p>OFC-Orbitofrontal cortex</p> <p>ACC-Anterior cingulate cortex</p> <p>BG-Basal ganglia</p> <p>Th-Thalamus</p> |