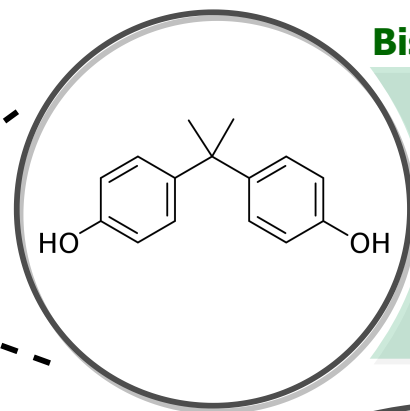


Prenatal BPA Exposure Can Affect the Postnatal Brain

1 Polymers containing BPA can hydrolyze under certain conditions, causing it to leach into food/drink containers



Bisphenol A (BPA)

- A chemical widely used to manufacture polycarbonate plastics and epoxy resins
- BPA exposure is associated with autism spectrum disorder (ASD) and decreased IQ in offspring

2 BPA crosses the placenta and accumulates in the amniotic fluid

3 BPA binds the Estrogen Receptor

4 Modifications to genes important for neural development that result in their decreased expression



Associated with decreased IQ of children at age 6