



FIGURE 2.19. Pairing of bases in the DNA double helix based on the structures originally shown in Watson and Crick's 1953 paper. Hydrogen bonds are indicated by dashed lines. Pauling later showed that guanine and cytosine share a third hydrogen bond between the nitrogen (*blue*) and the oxygen (*red*).

2.19, adapted from Watson J.D. et al., *Nature* **171**: 964–967, © 1953 Macmillan, www.nature.com