FIGURE 4.18. $\text{L}$ and $\text{D}$ amino acids. The $\text{L}$ and $\text{D}$ forms are stereoisomers (i.e., having the same chemical composition but with mirror images in bond positions). Building polymers (of amino acids or nucleotides) usually requires using only one form for the whole polymer.

4.18, redrawn from http://www.lpi.usra.edu/publications/MSR/Bada/Fig3.GIF