

# Entry of fatty acids into the cell

The way of passing through the cell membrane **depends on the length of the chain**. Short chain fatty acids ( $\leq 12C$ ) can penetrate **by simple diffusion**. Those with a longer chain use different **transport systems** in the membrane enabling their facilitated diffusion - for example **FATP** (fatty acid transport protein) or **FAT/CD36** (fatty acid translocase).