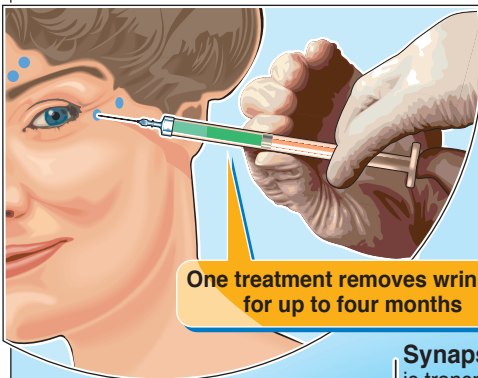
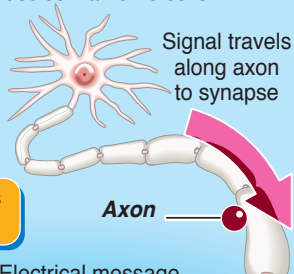


Drug that is changing the face of ageing

One of the world's most deadly nerve agents is being used as a cosmetic treatment for wrinkles. When injected in highly diluted form, *Botulinum toxin*, or *Botox* for short, paralyses facial muscles – leaving the overlying skin smooth and unwrinkled – while normal facial expression remains unaffected



Muscle movement: Brain sends electrical messages to muscles via nerve cells



Transmitter: Chemical called *acetylcholine* acts as transmitter, passing signal from nerve-ending to muscle

Synapse: Electrical message is transmitted from nerve-ending to stimulate muscle contraction

