

What does it mean to say that synaptic transmission is electrochemical?

The electrical part refers to the fact that an electric charge has to be generated to start the firing, and the chemical part refers to the chemical process that takes place in the space between the pre-synaptic and post-synaptic membranes.

Any drug which influences synaptic transmission in the CNS may alter how you feel. Does this discussion help you to understand why a drug like antihistamine affects you mentally? What other drugs can you think of that alter your feelings?

Yes, I now understand that antihistamine makes your thinking sluggish because it's blocking certain neurons from firing the neurotransmitter histamine and therefore blocking some connections. All drugs that interfere with the CNS alter your feelings in some way, whether it's as a side effect or (in the case of alcohol) as part of what makes it so addictive.