```
\frac{1}{2}
\begin{array}{c} 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \end{array}
_neuron
10
11
12
13
14
15
16
17
19
20
21
22
23
24
25
26
27
28
29
30
31
32
:
```

Nervous

Sys-

tem

 $\underline{\text{Evolutionary}}$

Pro-

cess

Neuron

Axon

Dendrite

 Soma

 ${\bf Neurotransmitter}$

 ${\bf Excitation}$

Inhibition

Perikaryon

Cytoplasm Nucleus

Neuroplasm Endoplasmic

Retic-

u-

lum

Mitochondria

Golgi

Appa-

ra-

tus

Lysosome Equilibrium Point

Voltage-Sensitive Ligand-

Gated

Mechanically

Gated