

Theoretical Neuroscience

Behavioural
Neuroscience
(Psychology)

Systems Neuroscience

Cellular
Neuroscience

Molecular
Neuroscience

1 m

10 cm

1 cm

1 mm

100 μ m

1 μ m

10 nm

CNS

Systems

Maps

Networks

Neurons

Synapses

Molecules

decision making,
playing hockey,
language

perception,
movement,
etc.

hardware

DISCIPLINE

SCALE

LEVEL OF
ORGANIZATION

INFORMATIVE
ABOUT