

MYELIN Initiative Big Ideas

1. The cells and tissues of nervous systems organize and interact using electrochemical signaling. *SIGNALING.*
 2. Nervous systems are organized into a network of functional, interconnected subsystems. *NETWORK.*
 3. Nervous systems enable organisms to perceive, interact with, and respond to their environment. *INTERACTION.*
 4. Nervous systems grow and change over time. *PLASTICITY.*
 5. Nervous systems experience biological and environmental insults which contribute to the pathology of neurological diseases. *DISEASE.*
 6. Innovation of techniques to analyze nervous systems is integral to advancements in clinical, experimental, and theoretical neuroscience. *DISCOVERY.*
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