

Minimize secondary progression of injury

Eliminate chronic inflammation

Radical scavenging ability

Biodegradability

Growth factor delivery

IDEAL NEURAL SCAFFOLD

Cell Delivery Vehicle

Stimulate endogenous stem progenitor cells

Multiple cues (topographical, mechanical, biochemical and electrical cue)

Replace lost cells/tissues

- Mimics native Extracellular matrix
- Provide better contact guidance on neurite outgrowth
- Promote cell adhesion, viability and proliferation