

## Special Issue

# Advances in Peripheral Nerve Regeneration—2nd Edition

### Message from the Guest Editor

Unlike the central nervous system, the peripheral nervous system is able to regenerate promptly following an injury. Its regenerative capacity is largely related to the ability of Schwann cells to dedifferentiate and drive axonal regrowth. Peripheral nerve regeneration is, however, limited in space and time. Therefore, there is a compelling need to develop strategies to promote peripheral nerve regeneration, especially in elderly individuals and those with other concomitant diseases (e.g., diabetes). This Special Issue aims to gather contributions regarding various aspects underlying axonal regrowth following tissue injury. Articles describing the complex interplay between peripheral nerves and cancer will also be considered....

We invite investigators to contribute original research articles and reviews that aim to describe factors that favor or limit nerve regrowth after an injury. The topics that we aim to cover in this Special Issue includes but not limited to:

- Schwann cell biology;
- Biomaterials and nerve scaffolds;
- Neurotrophic and gliotrophic factors;
- Inflammatory cytokines;
- Nerve/tumor crosstalk;
- Schwann cells and the tumor microenvironment.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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