
Preface

The discovery in the early 1990s of stem and progenitor cells in the adult mammalian CNS challenged the long-standing “no new neuron” doctrine attributed to the eminent scientist Ramon y Cajal and opened the door to the potential for cell replacement therapy. From discovery to clinical applications can be a long and tortuous route requiring rigorous steps involving standardized and precise protocols. This book is a collection of practical articles describing techniques used to study neural stem and progenitor cells and highlighting their promise toward stem cell-based therapeutic applications for CNS disorders.

We would like to express our appreciation to all authors for their valuable contribution to this volume, providing practical protocols that will assist the next generation of neuroscientists as they develop innovative experimental paradigms and progress towards therapeutic application.

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Methods and Protocols

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