
Preface

Amongst the most crucial advances contributing to our increased understanding of stem cells have been those related to imaging and lineage tracing, including live cells, in vivo and in vitro. I have gathered here a select series of representative protocols that hopefully will provide both a flavor of the field as it currently is and hopefully stimulate new approaches and methodologies by those interested in tracking stem cells and their progeny.

The protocols in this volume are faithful to the mission statement of the Methods in Molecular Biology series: They have been validated for reproducibility and are described in an easy-to-follow, step-by-step fashion so as to be valuable for not only experts but also novices in the stem cell field. That goal is achieved because of the generosity of the contributors who have carefully described their protocols in this volume, and I thank them for their efforts.

My thanks as well go to Dr. John Walker, the Editor in Chief of the Methods in Molecular Biology series, for his support during the course of preparing this volume.

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