
Preface

As our understanding of stem cells increases, it has become clear that changes in stem cells do occur during aging. Not only the changes in stem cell number are being reported but also the changes in their relationship to their microenvironment and their functionality as reflected in changes to their metabolome. With an aging population worldwide, understanding these age-related stem cell changes at a basic biology level and at the level of their impacts for regenerative medicine is of interest and importance. In this volume, I have brought together chapters with protocols critical for exploring the biology of stem cell aging. I am extremely grateful to the contributors for their generosity in sharing their expertise and time to describe details of their approaches.

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