
Preface

We are proud to present the second edition of p53 protocols to keep up with the progress in p53 research since the publication of its first edition. The present edition includes 19 chapters delineating state-of-the art methods to address the challenging questions of the p53 field such as identification of the target genes and binding partners of gain of function p53 mutants, methods to determine stress response, autophagy or senescence induced by p53, cell cycle analysis, analysis of different phases of DNA replication modified by p53, and generation of pluripotent stem cells.

As in the earlier version, the primary focus of p53 protocols was to include methods that are important for research on p53 or other tumor suppressors. We have also attempted to discuss the problems and to provide tips for troubleshooting. We owe thanks to Professor John Walker for giving us the opportunity and encouragement to design and edit the second edition. We also thank the staff of Humana Press for their help in compiling the book. We sincerely thank all the contributing authors for sharing their invaluable experience to the research community by writing the high-quality chapters. We would also like to thank Dr. Rebecca Frum and our students Catherine Vaughan, Isabella Pearsall, Shilpa Singh, and Olivia Bouton who enthusiastically acted as foot soldiers assisting us with grammatical editing, communicating with the authors, and organizing the manuscript.

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