

Mouse Models of The Nuclear Envelopathies and Related Diseases

Edited by

Colin L. Stewart

Development and Regenerative Biology Group, Institute of Medical Biology, Immunos, Singapore, Singapore

Mouse genetics and models are important tools in biomedical research, and have provided an important contribution to understanding the complexity of the molecular pathology underlying disease. At present, existing mouse models are coming under increasingly critical focus as having been often unsatisfactory in developing therapeutics for the equivalent human disease. This volume of *Current Topics in Developmental Biology* brings together leading experts in this field to provide insight into current techniques and show the continuing importance of mouse genetics and models. Topics focus upon nuclear structure, the LINC complex and some of the diseases associated with lamin/NE protein mutations and how they may shed light on their more prevalent equivalents. With the advent of new techniques of gene manipulation, this important field of research will also provide important insight into the future of biomedical research and alternative animal models.

KEY FEATURES:

- Contributions are from leading researchers in the field of biomedical research
- Chapters provide insightful reviews in the current techniques of mouse models of the nuclear envelopathies and related diseases

Cover image: The sequential post-translational processing of the carboxy terminal of pre-lamin A. Chapter 1, figure 2, Burke and Stewart.



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