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Transgenic Mouse

Methods and Protocols

Edited by

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Preface

Our collective ability to modify the genome of a mouse has existed for almost 40 years—a remarkable period of scientific achievements! During that time, transgenic technologies have allowed the generation of thousands of models for disease research and elucidation of signaling pathways and gene function. Far from these technologies remaining stagnant, the techniques and protocols employed to generate genetically modified mice continue to evolve at a rapid pace, necessitating the publication of timely resources. This volume will make every effort to provide both a historical foundation in standard protocols and a comprehensive update on the latest techniques used in making gene-modified mice for both novice and experienced personnel in the transgenic mouse field.

Kansas City, KS, USA

Melissa A. Larson

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