

ADVANCES IN TRANSLATIONAL MEDICINE

TRANSLATING EPIGENETICS TO THE CLINIC

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Translating Epigenetics to the Clinic reviews current methodological tools and experimental approaches used by leading translational researchers seeking to use epigenetics as a clinical model.

This book organizes epigenetics into disease treatment areas with a major focus on oncology, and with much coverage of pervasive treatment categories such as diabetes, as well as the "diseases of modernity"—including pharmacological addiction, dementia, and aging. Pedagogically the work concentrates on the latest knowledge, laboratory techniques, and experimental approaches used by translational research leaders in this field.

This book promotes cross-disciplinary communication between the subspecialties of medicine, but in common with the rest of the books in Translational Medicine, remains unified in theme by emphasizing recent innovations, critical barriers to progress and the new tools that are being used to overcome them, and specific areas of research that require additional study to advance the field as a whole.

KEY FEATURES

- Encompasses the latest innovations and tools being used to apply epigenetics in the laboratory and clinic.
- Extensive pedagogical updates aiming to improve the education of translational researchers in this field.
- Transdisciplinary approach aims to support cross-fertilization between different subspecialties of medicine.

RELATED TITLES

- Handbook of Epigenetics (2010), Tollefsbol, 9780123757098
- Epigenetics in Human Disease (2012), Tollefsbol, 9780123884152



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