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Sperm-Mediated Gene Transfer Concepts and Controversies

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About the eBook

Sperm-mediated gene transfer (SMGT) represents a novel set of technologies for animal (or in the future, human) genetic modification using the sperm as a vector, as opposed to more traditional established routes such as fertilized eggs or embryonic stem cells. This e-book brings together theoretical and empirical reviews from experts in SMGT, providing comprehensive coverage of the major trends, developments and controversies in this novel field.

Contents

- ▶ Sperm-Mediated Gene Transfer: History and Background
- ▶ SMGT Research Findings: An Overview
- ▶ Evolutionary Implications of SMGT
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- ▶ Murine SMGT: An Overview of Research
- ▶ Sperm-Mediated Gene Transfer in Aquatic Species: Present, Past and Future

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