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Nota di contenuto	Front Matter -- Copyright Page -- Dedication -- Foreword -- Preface -- Acknowledgements -- Contributors -- Introduction -- Why and How to Shift the Paradigm -- Refinement on the Way Towards Replacement: Are We Doing What We Can? / Kathrin Herrmann -- How to Evaluate the Science of Non-human Animal Use in Biomedical Research and Testing: A Proposed Format for Debate / Ray Greek and Lisa A. Kramer -- How Can the Final Goal of Completely Replacing Animal Procedures Successfully Be Achieved? / Christiane Baumgartl-Simons and Christiane Hohensee -- Disease Prevention with a Plant-based Lifestyle / Sabina V. Vyas -- Politics and Legislation of Animal Experimentation -- Political Campaigning: Where Scientific and Ethical Arguments Meet Public Policy / Emily McIvor -- Rethinking the 3Rs: From Whitewashing to Rights / Charlotte E. Blattner -- Contesting Animal Experiments through Ethics and Epistemology: In Defense of a Political Critique of Animal Experimentation / Arianna Ferrari -- Openness in Animal Experimentation -- The Moral Status of Animal Research Subjects in Industry: A Stakeholder Analysis / Sarah Kenehan -- Increasing the Transparency of Animal Experimentation: An Australian Perspective / Monika Merkes and Rob Buttrose -- Wasted Money in United States Biomedical and Agricultural Animal Research / Jim Keen -- The Ethics and Philosophy of Animal Experimentation -- Ethics, Efficacy, and Decision-making in Animal Research / Lawrence A. Hansen and Kori Ann Kosberg -- Beyond Plausibility Checks: A Case for Moral Doubt in

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Sommario/riassunto

Animal experimentation has been one of the most controversial areas of animal use, mainly due to the intentional harms inflicted upon animals for the sake of hoped-for benefits in humans. Despite this rationale for continued animal experimentation, shortcomings of this practice have become increasingly more apparent and well-documented. However, these limitations are not yet widely known or appreciated, and there is a danger that they may simply be ignored. The 51 experts who have contributed to *Animal Experimentation: Working Towards a Paradigm Change* critically review current animal use in science, present new and innovative non-animal approaches to address urgent scientific questions, and offer a roadmap towards an animal-free world of science.
