

One Health Perspectives in Emerging Veterinary Trends

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Preface

The concept of “One Health” has emerged as a transformative and collaborative approach that recognizes the interconnectedness of human, animal, and environmental health. In recent years, the world has witnessed the growing impact of zoonotic diseases, antimicrobial resistance, food safety challenges, climate change, and environmental degradation, all of which demand integrated and multidisciplinary solutions. Veterinary science, as a vital component of public health, plays a crucial role in addressing these emerging global concerns.

One Health Perspectives in Emerging Veterinary Trends aims to provide comprehensive insights into the evolving dimensions of veterinary science within the framework of One Health. This book highlights recent advancements, innovative practices, and interdisciplinary strategies that contribute to disease prevention, surveillance, sustainable livestock production, environmental conservation, and public health protection.

The chapters included in this volume reflect the collective efforts of researchers, academicians, veterinarians, and health professionals dedicated to promoting collaborative approaches for global health security. By integrating scientific knowledge with practical applications, this work seeks to inspire students, researchers, policymakers, and practitioners to adopt holistic perspectives in addressing modern veterinary and health-related challenges.

It is hoped that this book will serve as a valuable resource for understanding the significance of One Health and encourage continued research, cooperation, and innovation in emerging veterinary trends for the betterment of society and the environment.

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