

Diagnostic Veterinary Pathology

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Dr. Vivek Kumar

Ph.D. Scholar, Division of Pathology
ICAR- Indian Veterinary Research Institute, Izzatnagar, Bareilly

Dr. Alok Singh

Assistant Professor, Veterinary Pathology
College of Veterinary and Animal Sciences, BUAT, Banda

Dr. Sourabh Babu

Ph.D. Scholar, Division of Pathology
ICAR-Indian Veterinary Research Institute (IVRI)
Izzatnagar, Bareilly (Uttar Pradesh)

Dr. Sanjay Kumar Yadav

Ph.D. Scholar, Division of Surgery
ICAR-Indian Veterinary Research Institute (IVRI),
Izzatnagar, Bareilly (Uttar Pradesh)



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Head, Production (Higher Education and Professional) & Publishing Director

Dr. Jitendra Mehta

Product Manager

Aman Saxena

General Manager

Jaya Mehta

Graphic Designer

Kritika Lohomi

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Office Address:

VITAL BIOTECH PUBLICATION

772, Basant Vihar, Kota,
Rajasthan-324009 India

Visit us at: <http://www.vitalbiotech.org>

Contact No. +91-9784677044

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Preface

Diagnostic veterinary pathology plays a pivotal role in understanding disease processes, supporting clinical decision-making, and safeguarding animal and public health. The book, *Diagnostic Veterinary Pathology*, is designed to provide a comprehensive and practical guide to the principles and applications of disease diagnosis in animals.

In recent years, the discipline has evolved significantly with the integration of advanced diagnostic techniques, including molecular biology, immunohistochemistry, digital pathology, and imaging technologies. These developments have enhanced the accuracy, speed, and scope of disease detection, enabling veterinarians and researchers to better identify, monitor, and control both endemic and emerging diseases.

This volume brings together contributions from experienced pathologists, clinicians, and academicians to present a balanced approach that combines foundational knowledge with modern diagnostic practices. It covers key areas such as general pathology, systemic pathology, laboratory techniques, necropsy procedures, and interpretation of lesions. Emphasis is placed on correlating clinical findings with pathological changes to achieve precise diagnoses.

The book is intended for veterinary students, practitioners, laboratory professionals, and researchers engaged in animal health and disease investigation. By bridging classical pathology with contemporary innovations, it aims to strengthen diagnostic capabilities and improve disease management strategies.

The editors express their sincere gratitude to all contributors and reviewers whose expertise and dedication have made this work possible. It is hoped that this book will serve as a valuable reference and inspire continued advancement in the field of diagnostic veterinary pathology.

Dr. Vivek Kumar
Dr. Alok Singh
Dr. Sourabh Babu
Dr. Sanjay Kumar Yadav

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