
Advances in Animal and Life Sciences

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Advances in Animal and Life Sciences

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Preface

The field of animal and life sciences has witnessed remarkable scientific advancements over the past few decades, transforming our understanding of animal health, reproduction, nutrition and disease prevention. **Advances in Animal and Life Sciences** brings together the collective expertise of distinguished scholars and academicians from leading institutions of the world, with the aim of compiling contemporary knowledge into a single, accessible reference for students and researchers. The chapters presented herein span a broad and carefully curated range of subjects from assisted reproductive technologies and estrus synchronization in farm animals to nanotechnology-based vaccine platforms, phytochemical bioactives, antimicrobial resistance and nutritional disorders. These chapters collectively reflect the interdisciplinary nature of modern animal and life sciences.

It is our sincere hope that this book will serve as a scholarly resource, bridging the gap between foundational science and its real-world application in veterinary medicine, animal production and biomedical research. We express our deepest gratitude to all contributing authors for their dedication and scholarly rigor, without which this endeavor would not have been possible. We trust that this book will stimulate further inquiry and collaborative research in the ever-evolving landscape of animal and life sciences.

Happy reading!

Editors

Contents

Chapter No.	Title	Page No.
1.	One Health Approach to Global Health Challenges Ateeba Tajammal, Wafa Majeed, Rabia Arshad, Tanzila Yasmin, Shamakh Naveed, Sadia Zahid, Muntha Shahid, Khadija Almas	1
2.	Wildlife Trade and Zoonotic Spillover Aqeela Hussain, Amna Kousar, Aqsa Durrani, Qandeel Fatima, Anila Yaqoob, Fiza Ali, Memoona Zafar, Sajida Mustafa	7
3.	Igniting Recovery: The Power of Heat Therapy in Physical Therapy Meerab Waseem, Wafa Majeed, Ujala Malik, Noor un Nisa, Rabeet Zaima Khan, Aleena Shabbir, Haniya	16
4.	Eryptosis in Health and Disease Kashif Jilani, Farah Mehfooz, Zahra Rana, Fiza Shabbir, Marium Ghaffar, Maria Fatima, Maham Abdul Bari Khan, Zara Javaid	23
5.	Anti-Protozoal Drugs: Resistance Mechanisms and Sustainable Control Strategies Under One Health Stewardship Areeba Sajjad, Noor-Ul-Ain, Mufaza Fatima, Noor Fatima, Areej Kashif, Arooba Tariq Ali, Ayesha Ishtiaq	33
6.	Lactose Intolerance: Pathophysiology, Nutritional Implications and Pharmacological Management Muskan Fatima, Rafia Nisar, Haiqa Jawad, Urba Aslam, Moueeza Iftikhar, Hamna Kaleem, Faiqa Nasir, Muqaddas Ashfaq	40
7.	Advances in Assisted Reproductive Technologies for Animals Muhammad Ibrahim, Adnan Hassan Tahir, Zahid Naseer, Mudassar Nawaz, Shehryaar Shahid, Muhammad Zeeshan Anwar, Muhammad Atif Raza, Muhammad Shakeel	47
8.	Antiviral Therapy in Veterinary Practice: Mechanisms, Clinical Applications and Therapeutic Challenges Fakhar Eman, Manahal Amjad, Areeba Fatima, Misbah Arshad, Hina Asghar, Jawaria	55
9.	Physiological Responses and Adaptations to Hypoxia Mnahel Asghar, Hafiza Sehar Shakoor, Asma Hussain, Nabeela Kauser, Muhammad Saleem, Jawairia Batool, Noreen Kiran, Aqsa Saman	62
10.	Hormonal Regulation and Therapeutic Interventions in Animal Reproduction Haseeba Farrukh, Wafa Majeed, Ambreen Mehmood Awan, Muhammad Akmal Farooq, Zahra Javaid, Muhammad Saad Tariq	67
11.	Drug Interactions and Side Effects in Animals Zuhra Javaid, Hafiza Asma Zulfikar, Sana Shahzad, Sumaira Amjad, Meeram Zahid, Sana Javed, Sobia Aiman	76
12.	Regenerative Medicine in Equine Injuries Ammara Khaliq, Saima Somal, Muhammad Rumman Mirza, Zain ul Shafi, Arsalan Nasim Butt, Afrasiab Nasim, Muhammad Arif Zafar, Bushra Kiran	83
13.	Pain Management with Traditional and Alternative Therapies Muhammad Talha Khan, Muhammad Arif Zafar, Eisha Iftikhar, Awais ur Rehman Sial, Riaz Hussain, Yashmira Butt, Adnan Hassan Tahir, Zara Saeed	90
14.	Lean and Green Surgery in Veterinary Practice: Strategies for Reducing Carbon Footprints in the Surgical Theatre Noor Fatima, Fatima Zahra Naqvi, Awais ur Rehman Sial, Adnan Hassan Tahir, Muhammad Arif Zafar	95
15.	Phytochemicals and Their Mechanism of Action Ayesha Khalid, Sana Shahzad, Memoona Jamil, Tehreem Hamid, Abiha Shahid, Sana Javed	102

16.	Nanotechnology: Nanoparticle-Based Vaccine Development and Drug Delivery Zara Saeed, Awais ur Rahman Sial, Muhammad Arif Zafar, Mudassar Nawaz, Muhammad Sibghat Ullah, Ali Haider, Ahmed Sheraz Raza, Fatima Iftikhar	110
17.	Cardiovascular Consequences of Diabetes: Mechanisms, Risks and Clinical Approaches Rafia Nisar, Muskan Fatima, Noor ul Ain, Sana Sajid, Ayesha Javed, Laiba Rafaqat, Nimra Asghar, Ayesha Mezzab	115
18.	The Role of Prebiotics and Synbiotics in Gut Health Modulation Minahil Mansoor, Sana Javed, Bisma Fatima, Jaweria Batool, Minahil Abid, Anam Azam	121
19.	Common Bacterial Diseases of Poultry: Diagnosis, Treatment and Control Muhammad Ashraf, Fawwad Ahmad, Muhammad Sharif, Muhammad Waqas, Arooj Fatima, Asad Mushtaq	128
20.	Pathophysiological Role of Inflammation in Chronic Diseases Liza Malik, Taiba Tabassum, Muhammad Hamaad Khan, Muhammad Awais Haider, Lubna Majeed, Hina Javed, Shehar Bano, Musfira Shahid	135
21.	Biology of Chronic Diseases Beyond the Germ Theory: Integrated Insights Saima Somal, Riaz Hussain, Hamza Tanveer, Muhammad Saud, Muhammad Asif Saeed, Muhammad Asfand Saeed, Afrasiab Nasim, Muhammad Arif Zafar	143
22.	Plant Breeding for Nutritional Security: Enhancing Animal and Human Health Rabiya Izhar, Sammina Mahmood, Umair Ashraf, Muhammad Sajid	147
23.	Application of Artificial Intelligence in Histopathological Image Analysis Ghulam Murtaza, Hamayun Khan, Ali Zaman, Faiqah Ramzan, Mohammad Abubakar Siddique, Banafsha Khan, Sana Ullah Khan	153
24.	Role of Vaccines as Preventive Immunological Tool Sakina Ali, Ammara Tariq, Zainab Farooq, Noor Ul Ain, Sohail Afsar Awan, Friza Khaliq, Sana Javed	160
25.	Homeopathy and Alternative Pharmacological Systems in Veterinary Medicine Areeba Sajjad, Faiza Rafique, Fatima Majid Zia, Wishu Khan, Ammara Tariq	167
26.	Anthelmintic Resistance: Monitoring and Mitigation Areeba Sajjad, Ammara Tariq, Adeena Rauf, Sakina Ali, Ammara Yasmeen, Areeba Fatima, Anshrah Shaukat	174
27.	Bacterial Zoonosis in Animals: Pathogenesis, Diagnosis, and Therapeutic Strategies Asher Umer, Muhammad Usman, Zainab Ashraf, Syed Muhammad Abdullah Shah, Hamza Hassan Khan, Sana Parveen, Fatima ul Zahra, Ansa	180
28.	Dietary Risk Factors and the Rising Burden of Non-Communicable Diseases in South Asia: A Public Health Nutrition Perspective Iqra Iqbal, Ayesha Soahil, Muhammad Tahir Habib, Muhammad Hashir Habib, Hira Naseer, Soha Shahid, Hamna Yasin, Sabih Islam	186
29.	Nutrition During the First 1,000 Days: A Window of Opportunity for Public Health Janat Ghaffar, Malaika Tariq, Syed Zoraiz Arif Shah, Saira Bashir, Shehroz Hassan, Areeb Shamas, Mahnoor Shakeel, Laraib Zaffar	192
30.	Breaking the Stigma: The Interplay Between Mental Health, Depression and Anxiety Malaika Tariq, Janat Ghaffar, Kainat Zahra, Syed Zoraiz Arif Shah, Qursam Fatima, Hira Rani, Muhammad Adan, Saman Naveed	197
31.	Fundamentals of Cells and Molecular Biology Ayesha, Faiza Hassan, Imama Naeem, Hafiz Tahir Nazir, Arbab Ijaz, Minahil Asif, Tamseela Arooj, Noor Seher	203
32.	Human Health in the 21st Century: Challenges and Breakthroughs Esha Aftab, Iqra Khalil, Tehreem Rafique, Iqra Akram, Fatima Imran, Amina Sarosh, Hafsa Sehar, Muhammad Zulqarnain	209
33.	Stem Cells in the Age of AI: Types, Therapeutic Horizons, and Ethical Frontiers Muhammad Qasim, Muneeba Idrees, Muqaddas Zia, Jawaria Batool, Hafiza Mahnoor Baghdadi, Shaneel Kousar, Ramla Shabbir, Maryam Zaib	215

34.	Advances in Nutrition and Feed Formulation Strategies for Sustainable Livestock Production Abdul Hanan, Waseem Abbas, Muhammad Zakria Rehman, Zain ul Abedin, Muhammad Ahmad, Abdul Maalik	224
35.	Challenges In Aquaculture with Special Emphasis on Gill Health of Salmon Hamza Asghar	235
36.	Applications and Future Perspectives of Artificial Intelligence in Animal Health Nawal Fatima, Muhammad Talha Khan, Saima Somal, Eisha Iftikhar, Zain Ul Shafi, Adnan Hassan Tahir, Muhammad Arif Zafar, Muhammad Farhan Rahim	244
37.	Therapeutic Horizons: Advances in Psychotherapy and Counseling Laiba Ikram, Ayesha Tariq, Noor Fatima, Salah Ud Deen, Ayesha Ashiq, Iqra Ishaq, Mubarra Aleem	253
38.	Addressing Antimicrobial Resistance in Animals: A Comprehensive Approach to Sustainable Health Javaria Alam, Mad-e-ha Tariq, Muhammad Zishan, Qurat ul Ain, Muhammad Kamran, Saif ur Rehman, Shazia Nazeer, Zahid Manzoor	259
39.	Extended-Spectrum-Beta-lactamase-producing E. coli and the Growing AMR Crisis Muhammad Tahir Sarfraz Khan, Muhammad Tauseef Ahmed, Najeeb Ullah Khan, Zehra Irshad, Muhammad Kashif, Arslan Mehmood, Muhammad Muneeb, Zeeshan Ahmed Bhutta	265
40.	Neurological Disorders: Epidemiology, Pathophysiology, and Rehabilitation Aqsa Saman, Zainab Boota, Ishal Ayub, Anbreena Rasool, Adeera Azam, Muhammad Muneeb Jafar, Maryam Farooq, Maham Gull	271
41.	Facets of Surgery: From Basics to Robots Saliha Bibi, Fatima Zahra Naqvi, Muhammad Arif Zafar, Rana Faisal Naeem, Hamza Tanveer, Zain ul Shafi, Arsalan Nasim, Riaz Hussain, Adnan Hassan Tahir	276
42.	Impact of Aloe Vera to Boost the Health Biomarkers Muhammad Talha Khan, Abu Baker Siddique, Imtiaz Hussain, Ishtiaq Ahmed, Muhammad Kamran Rafique, Zeeshan Nawaz, Muhammad Zishan Ahmad, Muhammad Arif Zafar	282
43.	Risks Associated with Climate Change and One-Health Approach Eisha Iftikhar, Muhammad Arif Zafar, Zahid Manzoor, Sammina Mehmood, Saima Somal, Muhammad Akram Khan, Muhammad Zishan, Qurat ul Ain	288
44.	Nutrigenomics In Action: How Nutrients Turn Genes on and Off Hamna, Wafa Majeed, Amna Bakhtawar, Ayesha, Haseeba Farrukh	295
45.	Herbal Drug Standardization and Quality Control Areeba Sajjad, Noor-Ul-Huda Hassan, Alishpa Raza, Bisma Fatima, Adeela Omar, Ayesha Farooq	302
46.	Farm to Fork Traceability in Beef Value Chain for Food Safety Muhammad Fiaz, Muhammad Shakeel, Muhammad Shoaib, Muhammad Imran Khan, Zainab Zulfikar	308
47.	Ecological Stress and Its Effects on Immunity of Wild Animals Pakeeza Fatima, Ayesha Saleem, Amna Muzafar, Wajiha Wahid, Sumbal Shoukat, Mahnoor, Muhammad Jawad Ahmad, Sajida Mustafa	312