



Call for Abstracts

Joint Conference:

**Human-Veterinary Oncology (HVO) & One Health Conference (OHC)
2025**

Conference Theme:

“Bridging Human, Veterinary & One Health for a Healthier Future”

Date: 1st & 2nd, August, 2025

Venue:

**Babasaheb Bhimrao Ambedkar University,
Lucknow, Uttar Pradesh**

We invite you to submit your abstract for the OHIO One Health Conference 2025 and the Human-Veterinary Oncology (HVO) 2025 Conference, held in conjunction to explore the intersection of human, animal, plant, and environmental health. This unique joint event provides an interdisciplinary platform to advance understanding, collaboration, and solutions for global health challenges.

Submission Guidelines:

- **Eligibility:** Abstracts are invited from professionals, researchers, students, and organizations working in fields related to human, animal, plant, environmental health, oncology, and related disciplines.
- **Abstract Length:** Abstracts must be a maximum of 250-300 words.
- **Structure:** Abstracts should include the following sections:
 - **Title:** A concise and descriptive title.
 - **Background/Objective:** Brief introduction to the research, problem, or topic.

- **Methods:** Overview of the methods or approach used in your research or study.
 - **Results:** Summary of the findings or insights.
 - **Conclusion:** Key takeaways, implications, or future directions.
 - **Keywords:** Up to 5 keywords to represent your abstract's content.
 - **Submission Process:** Abstracts must be submitted via the Abstract Submission Portal by the submission deadline (please check the website for the exact date).
 - **Review and Selection:** All abstracts will undergo peer-review. Accepted abstracts will be invited for either oral or poster presentations at the conference. Notifications of acceptance will be sent via email.
-

Presentation Formats:

Abstracts may be submitted for the following presentation formats:

- **Oral Presentation (Contributed Paper Session):** Selected abstracts will be invited for oral presentations during the contributed paper sessions.
 - **Poster Presentation:** Abstracts not selected for oral presentations may be considered for poster presentations. Posters will be displayed throughout the conference, offering opportunities for interactive discussions and feedback.
-

Awards: Awards are available for both oral and poster presentations. The awards will be given based on:

- **Scientific merit**
 - **Presentation quality**
 - **Impact on advancing interdisciplinary approaches in health and oncology**
-

Important Dates:

- **Abstract Submission Deadline: 30th June 2025**
 - **Notification of Acceptance: 05th July 2025**
-

One Health Conference (OHC) themes:

1. Zoonoses, Cross-Species Health, and Disease Monitoring

- **Zoonotic Diseases and Cross-Species Transmission**
- **Antimicrobial Resistance (AMR) and One Health Interventions**

- **Surveillance Systems Linking Human, Animal, and Environmental Health**
 - **Cross-Species Micro biome Interactions**
 - **Integrated surveillance systems for disease outbreaks and data sharing**
-

2. Mental Health, Behaviour, and Chronic Diseases

- **Mental Health, Behaviour, and the Human-Animal Bond**
 - **Impact of human-animal interactions on mental and emotional health**
 - **Chronic Diseases (NCDs) and Shared Risk Factors**
 - **Shared environmental and lifestyle risk factors for chronic diseases in humans, animals, and ecosystems**
-

3. Nutrition, Food Systems, and Environmental Sustainability

- **Nutrition, Food Systems, and One Health Policy**
 - **Sustainable agriculture and nutrition security**
 - **Green Technologies for Environmental and Human Health Resilience**
 - **Phytoremediation and Pollution Control**
 - **Role of plants in ecosystem restoration and climate adaptation**
-

4. Innovation, Technology, and Climate Change

- **Digital Tools, AI, and Innovation in One Health Research**
 - **Innovative technologies for disease detection, diagnostics, and modeling**
 - **Climate Change and Emerging Infectious Diseases**
 - **Impact of climate change on disease emergence and transmission**
 - **Microbial contributions to climate change mitigation and adaptation**
-

5. Microbiomes in Health and Environment

- **Human, Animal, and Environmental Micro biomes**
- **Role of micro biomes in health outcomes, disease prevention, and treatment**
- **Micro biome-based interventions for One Health solutions**
- **Micro biomes as indicators and mediators in environmental and human health**
- **The role of micro biomes in natural remediation and ecosystem health**

Human-Veterinary Oncology (HVO) Themes:

1. Cancer Prevention and Early Detection

- Approaches for Early Detection of Cancer in Humans and Animals
 - Innovations in Screening Technologies for Cancer Prevention
 - Public Health Strategies for Cancer Prevention Across Species
 - Genomic Tools and Biomarkers for Early Cancer Detection
-

2. Cancer Genetics and Genomics

- Role of Genetics in Cancer Susceptibility and Therapy Responses
 - Comparative Genomics in Human and Animal Cancer
 - Tumor Mutational Burden and Its Impact on Treatment Response
 - Genetic Alterations in Cancer: Implications for Diagnosis and Therapy
-

3. Immunotherapy and Immuno-Oncology

- Advances in Cancer Immunotherapy for Animals and Humans
 - Immunomodulatory Approaches to Enhance Cancer Treatment
 - Tumor Immunology: Exploring Shared Mechanisms Between Species
 - Cancer Vaccines: Development, Efficacy, and Challenges
-

4. Molecular and Cellular Therapies in Oncology

- Gene Therapy and CRISPR in Cancer Treatment
 - Personalized Medicine Approaches for Cancer Treatment in Animals and Humans
 - Targeted Therapies for Cancer Treatment: Cross-Species Applications
 - Role of Stem Cells in Cancer Treatment and Regeneration
-

5. Nutrition and Cancer Management

- Role of Diet and Nutrition in Cancer Prevention and Therapy
 - Nutritional Interventions in Veterinary Oncology
 - Impact of Environmental and Dietary Factors on Cancer Risk
 - Integrating Nutrition into Cancer Care Plans for Humans and Animals
-

6. Comparative Pathology and Diagnostic Advancements

- **Comparative Pathology in Oncology: Learning from Animals**
 - **Advancements in Pathology Techniques for Diagnosing Cancer**
 - **Autopsy and Post-Mortem Studies for Cancer Research in Animals**
 - **Improving Diagnostic Accuracy with AI and Machine Learning Tools**
-

7. Cancer Biomarkers: Applications and Challenges

- **New Cancer Biomarkers for Diagnosis and Prognosis in Humans and Animals**
 - **Challenges in Biomarker Validation and Application in Veterinary Medicine**
 - **Liquid Biopsy: A Non-Invasive Tool for Cancer Diagnosis**
 - **Biomarkers for Monitoring Treatment Response and Metastasis**
-

8. Cancer Therapeutics and Drug Development

- **Drug Discovery and Development in Comparative Oncology**
 - **Clinical Trials: Lessons Learned from Human and Animal Cancer Studies**
 - **The Role of Veterinary Models in Human Cancer Drug Development**
 - **Exploring Repurposed Drugs for Cancer Treatment in Both Humans and Animals**
-

9. Cancer Metastasis and Tumor Microenvironment

- **Mechanisms of Cancer Spread: A Comparative Approach Between Species**
 - **Role of Tumor Microenvironment in Cancer Development**
 - **Targeting the Tumor Microenvironment for Cancer Therapy**
 - **Metastasis in Veterinary Cancer: Comparative Insights**
-

10. Cancer Pain Management and Palliative Care

- **Pain Management in Cancer Patients: Approaches for Humans and Animals**
- **Palliative Care and End-of-Life Care in Oncology: Similarities and Differences**
- **Symptom Control in Advanced Cancer: Managing Pain, Nausea, and Fatigue**

- **Supporting Quality of Life for Cancer Survivors and Patients in Both Humans and Animals**
-

11. Environmental Impact on Cancer Incidence

- **The Role of Environmental Toxins in Cancer Development**
 - **Air, Water, and Soil Pollution: Effects on Cancer Risk in Humans and Animals**
 - **Environmental Factors and Cancer Susceptibility in Animal Populations**
 - **Global Perspectives on Environmental Health and Cancer Prevention**
-

12. Global Health and Cancer Care Access

- **Disparities in Cancer Care: Global Perspectives in Humans and Animals**
 - **Cancer Care in Low-Resource Settings: Challenges and Solutions**
 - **Integrating One Health Strategies to Address Global Cancer Burden**
 - **Healthcare Access for Cancer Treatment in Veterinary Populations**
-

13. Regenerative Medicine and Cancer

- **Stem Cell Therapy in Cancer Treatment: Opportunities and Challenges**
 - **Regenerative Approaches in Veterinary Oncology**
 - **The Potential Role of Regenerative Medicine in Treating Cancer**
 - **Exploring Cellular Therapies for Cancer Treatment in Humans and Animals**
-

14. Cancer Survivorship and Long-Term Care

- **Survivorship Issues in Cancer: Managing Long-Term Effects in Humans and Animals**
 - **Managing Cancer Survivorship in Veterinary Medicine**
 - **Psychological and Emotional Aspects of Cancer Survivorship**
 - **The Role of Rehabilitation in Cancer Survivors: Human and Animal Perspectives**
-

15. One Health Approach to Cancer Prevention and Treatment

- **Integrating One Health Strategies into Cancer Prevention and Management**
- **Cross-Species Approaches to Understanding Cancer Pathogenesis**

- Collaborative Research in Human and Veterinary Oncology: A One Health Perspective
 - Improving Cancer Outcomes through One Health Education and Public Health Strategies
-

16. Ethical Considerations in Cancer Research and Treatment

- Ethical Issues in Veterinary Oncology: Balancing Care with Resource Constraints
 - Informed Consent in Cancer Treatment: Human and Animal Perspectives
 - Animal Welfare and Ethical Considerations in Cancer Research
 - Ethical Challenges in Comparative Oncology: Translating Animal Data to Human Medicine
-

Abstract Evaluation Criteria:

Abstracts will be evaluated based on the following:

- Relevance to the conference theme and One Health principles.
 - Scientific Merit: Originality and clarity of research findings.
 - Impact: Contribution to advancing interdisciplinary approaches in health and oncology.
 - Clarity: Quality of writing, organization, and presentation.
-

How to Submit:

To submit your abstract, follow the steps below:

1. Visit the Abstract Submission sites:

Link: <https://www.bbifcancercare.org/regional-symposium>

Link: <https://www.onehealth-in.org/one-health-conference>

2. Complete the submission form.
3. Ensure all sections are completed and submit before the deadline.