

**Technical Report of 37<sup>th</sup> Annual Conference of Indian Association of Veterinary Pathologists, 2020, XI Annual Meeting of Indian College of Veterinary Pathologists and International Symposium on “Role of Veterinary Pathology in Controlling Emerging and Re-Emerging Diseases of Livestock and Poultry: An One Health Approach” held on 26-29, December, 2020 at Nagpur Veterinary College, MAFSU, Nagpur**

**Dr N.V. Kurkure  
Organizing Secretary**

Director of Research, Maharashtra Animal and Fishery Sciences University, Nagpur and Professor & Head, Department of Veterinary Pathology, Nagpur Veterinary College, Nagpur, MS

Department of Veterinary Pathology, Nagpur Veterinary College, Nagpur constituent College of Maharashtra Animal and Fishery Sciences University, Nagpur, Maharashtra, India successfully organized XXXVII Annual Conference of Indian Association of Veterinary Pathologists and XI Annual Meeting of Indian College of Veterinary Pathologists and International Symposium on “**Role of Veterinary Pathology in Controlling Emerging and Re-Emerging Diseases of Livestock and Poultry: An One Health Approach**” by virtual mode during 26<sup>th</sup>-29<sup>th</sup> December, 2020. The International Conference was organized in association with the Indian Association of Veterinary Pathologists and the Indian College of Veterinary Pathologists. Due to the Nation wide COVID-19 pandemic outbreak, the conference was organized by virtual mode using the CISCO Webex Platform and it was an excellent experience for the organisers and all participants. Dr N.V. Kurkure, Director of Research, Maharashtra Animal and Fishery Sciences University, Nagpur and Professor and Head, Department of Veterinary Pathology, Nagpur Veterinary College, Nagpur, was the Organizing Secretary of the said Conference.

The Conference aimed to bring Veterinary Pathologists, disease diagnosticians, scholars and scientists from other allied sciences under one umbrella and share research findings and ideas. Intellectuals explored the scope of Veterinary Pathology in one health, food security and environmental protection. About 329 delegates (including 10+ international), including academicians, researchers, students, field veterinarians etc. virtually participated in this scientific gathering from different parts of the country and abroad.

The International Conference's inaugural function was held at Conference Hall, MAFSU, Nagpur on 26<sup>th</sup> December 2020 at 10.00 AM. The **Chief Guest** of function **Shri Sunilji Kedar**, Minister for Animal Husbandry, Dairy Development, Sports and Youth Welfare, Maharashtra State, Mumbai, inaugurated the conference, **Col. (Prof.) Dr A.M. Paturkar**, Vice-Chancellor of MAFSU, Nagpur presided over the function. **Dr B.N. Tripathi**, Deputy Director General (Animal Sciences), Indian Council of Agricultural Research, New Delhi, graced the function as **Guest of Honor** in the inaugural program. **Dr A.P. Somkuwar**, Director of Instruction and Dean, Faculty of Veterinary Sciences, **Dr V.D. Aher**, Director of Extension & Training, **Dr P.T. Jadhao**, Dean, Lower Education, **Mr D.B. Raut**, Registrar, **Dr S.B. Kawitkar**, Associate Dean, NVC, MAFSU, Nagpur and other senior officers/ dignitaries from the MAFSU, Nagpur were present physically in the inaugural function. **Dr B.N. Tripathi**, President IAVP, **Dr R. Somvanshi**, Ex President, IAVP, **Dr V.K. Gupta**, President, ICVP, **Dr K.P. Singh**, Secretary General, IAVP, **Dr K.S. Prasanna**, Vice President, ICVP, **Dr Palanivelu M.** Treasurer and Secretary, ICVP and other IAVP and ICVP office bearers and executive members graced the occasion virtually. Organizing Committee Chairman **Dr A.P. Somkuwar**, Director of Instruction and Dean, Faculty of Veterinary Sciences, MAFSU, Nagpur, welcomed all the dignitaries and delegates and briefed them about the theme of the conference and activities carried out at the Department of Veterinary Pathology, NVC, Nagpur. **Dr B.N. Tripath** the

President, elaborated the role of Veterinary Pathologist's in disease diagnosis and need-based laboratories for disease diagnosis at the field level. **Dr V. K. Gupta**, President, ICVP, briefed the gathering about the importance and future prospective of ICVP and ICVP Board Examination. Secretary General of IAVP, **Dr K.P. Singh** presented annual report of IAVP and apprised positive growth of IAVP. He announced FIAVP awards for the year 2019 to **Dr S.K. Mukhopadhyay, Dr Anand Kumar and Dr N.V. Kurkure**. He also announced different IAVP-IJVP Awards for 2019. **Shri Sunilji Kedar**, Minister for Animal Husbandry, Dairy Development, Sports and Youth Welfare Maharashtra State, during his inaugural speech, explained significance of the role of Veterinary Pathologists and diagnostic laboratories in advance disease diagnosis in veterinary sciences and appreciated the current theme chosen for the conference. **Col. (Prof.) Dr A.M. Paturkar** addressed a need for one health approach for disease diagnosis and controlling emerging and re-emerging diseases in livestock and poultry. **Dr N.V. Kurkure**, Organizing Secretary, proposed a vote of thanks to all the dignitaries and one and all. The four-day conference was scheduled in 8 Technical Sessions for lead presentations, one Technical Session for ICVP and one Technical Session for poster presentations. The three-membered panels comprising of Chairman, Co-chairman, and Rapporteur conducted the proceedings of session. The Judges' panel evaluated the posters and awards by virtual mode.

The inaugural program was followed by **Session I on IAVP-Dr P.P. Gupta Oration Lecture**, in which **Dr Ram Kumar**, Retd. Principal Scientist, ICAR-IVRI, Izatnagar delivered a lecture on “Retroviral infectious in small ruminants.” **Session II** was followed on **IAVP-Thematic Lecture** on “One Health Approach” by **Dr A.K. Shrivastava**, Member, Agricultural Scientist Recruitment Board, ICAR, New Delhi. **Session III** was dedicated to the **IAVP-Young Scientist Award Presentation**. A total of 20 young pathologists from different parts of the country presented their research work on various topics and was evaluated by virtual mode by the expert pathologists of IAVP. **Session IV** was an **Online Poster Presentation Session** in which 67 participants participated in the competition. E-posters were uploaded on Nagpur Veterinary College, Nagpur website and were evaluated virtually by the eminent pathologist of IAVP.

The second day of the conference started with **Session V**, which comprised a **Laboratory Animal and Toxicopathology Session** in which a total of three lead papers were presented. **Dr Alok Sharma**, Director, Global Anatomic Pathology, Covance Laboratories Inc. Madison, WI, USA, presented a lead paper on “Basics of preclinical toxicity testing and role of the toxicologic pathologist.” **Dr Rudara Channappanavar**, Assistant Professor, The University of Tennessee Health Science Centre, USA, delivered a lecture on “Respiratory pathology with reference to Covid-19”. **Dr Gaurav Tyagi**, Senior Principal Scientist, Roche Innovation Center, New York, USA, delivered a lecture on “Hypersensitivity reactions to a monoclonal antibody in cynomolgus monkeys.”

**Session VI** was on **IAVP-Continuing Veterinary Pathology Education lecture**. **Prof. Francisco A. Uzal**, Professor of Veterinary Diagnostic Pathology, California Animal Health and Food Safety Laboratory, School of Veterinary Medicine University of California, Davis, delivered a very informative and educational presentation on “Current advances in pathology of sheep diseases with special reference to Clostridial and other enteric diseases.” **Session VII** was of the **IAVP-Prof. S. Ramachandran Molecular Oncology Award Session**. A total of four participants from different parts of the country presented their noteworthy contributions to the concerned field. The competition for the young scientist award, molecular oncology award and the e-poster award was provided by giving each participant specific codes to maintain confidentiality.

**Session VIII** was on **Clinical and Diagnostic Pathology**. **Dr America E. Mederos**, from Programa Nacional Carne Y Lana INIA Tacuarembó, Uruguay presented a lead paper on “Drug resistance of gastrointestinal nematodes in ruminants and sustainable control measures

with reference to the use of secondary plant compounds.” **Dr N.K. Sood**, GADVASU, Ludhiana elaborated in detail on “Morphogenesis of toxic neutrophils and their prognosis relevance in veterinary diagnosis.” All participants enjoyed the new scientific information presented by them.

Day 3 was allotted for the ICVP Session, which comprised- Report on activities of ICVP and an outline of ICVP by **Dr N. Pazhanivel**, Secretary ICVP, followed by the importance of ICVP and its future strategies by **Dr V.K. Gupta**, President, ICVP. **Dr S.H. Rawal**, **Dr Kuldip Gupta** and **Dr Debiprasanna Das** presented model case presentation papers on descriptive histopathology, cytopathology in diagnosing commonly occurring neoplasia and Theileriosis in a bovine calf, respectively. It was followed by virtual EC/General Body meetings of IAVP and ICVP. In the special evening mega session, **Dr Fransisco A. Uzal**, Professor of Veterinary Diagnostic Pathology, California Animal Health and Food Safety Laboratory, School of the Veterinary Medicine University of California, Davis, USA, delivered a very informative and interactive deliberation on “How to make a gross morphologic diagnosis as a pathologist”.

Day-4 started with Farm Animal and Avian Pathology Sessions in which three International Speakers, namely **Dr Kevil Keel** from University of California Davis, School of Veterinary Medicine, University of California, Davis, USA, delivered the lead paper on “A Survey of Infectious Diseases of Cervids”, **Dr Asli Mete**, School of Veterinary Medicine, California Animal Health and Food Safety Laboratory System, University of California, Davis, USA, delivered the lead paper on “Avian Viral Diseases in Poultry and other Species” and **Dr Shaan Kumar**, Assistant Professor, College of Veterinary Medicine, Iowa State University, USA, explained feline pathology in detail under the title, “Let the cat out of the bag”. All these presentations were very interesting and informative. **Dr John Sundberg** from Jackson Laboratory, Bar Harbor, ME, USA, virtually presented a lecture on “The laboratory mouse papillomavirus: a model for understanding the pathogenesis and prevention of skin cancer”. The participants enjoyed the advanced informative talk.

The **Valedictory Function** was presided over by **Dr A.P. Somkuwar**, Director of Instruction and Dean, Faculty of Veterinary Sciences, MAFSU, Nagpur. **Dr S.B. Kawitkar**, Associate Dean, NVC, Nagpur and **Dr N.V. Kurkure**, Director of Research, MAFSU, Nagpur and Organizing Secretary were also present. While **Dr B.N. Tripathi**, President, IAVP, **Dr D.V. Joshi** and **Dr Amarjit Singh**, Vice Presidents, IAVP, **Dr V.K. Gupta**, President, ICVP, **Dr K.P. Singh**, Secretary General, IAVP and **Dr R. Somvanshi**, Ex. President, IAVP, **Dr Palanivelu M.**, Treasurer and Secretary ICVP and several delegates attended the valedictory function virtually. **Dr C. Balachandran**, Vice Chancellor, TANUVAS, Chennai, was the **Chief Guest** for the Valedictory Function. **Dr K.P. Singh**, Secretary General of IAVP, announced results of IAVP Awards including IAVP-Fellowships, IAVP-Best MVSc/PhD Thesis Awards, IAVP Young Scientist Awards for Best Oral Presentation, IAVP-Prof. S. Ramachandran Memorial Best Molecular Oncologist Presentation Award, IAVP-Best Poster Presentation Awards, IAVP-Achievement Awards in Specialty Subjects etc. These award Certificate were presented through online mode to winners. **Dr Palanivelu M.**, Secretary ICVP, announced the results of ICVP Awards to participants. **Dr B.N. Tripathi**, President, congratulated the Organizing Secretary and his team for this systematic and best organized virtual International IAVP Congress. Secretary General of IAVP presented IAVP-Organizing Secretary Appreciation Certificate to **Dr N.V. Kurkure and Team Members** to organize this International Congress in a well-fitted manner. In the concluding remark, the President, Organizing Committee Chairman and Organizing Secretary thanked the delegates, students and officials for extending their cooperation in successful conduct of the conference. The four days' successful scientifically seven ended with the National anthem and with a pledge to meet for next IAVP Congress, 2021 at RAJUVAS, Bikaner, Rajasthan.

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