

## **Proceedings of Executive Committee / General Body Meeting of Online XXXIX Annual Conference of Indian Association of Veterinary Pathologists and XIII Annual Meeting of Indian College of Veterinary Pathologists and International Symposium on “Global Challenges in Rapid Diagnosis and Management of Animal and Poultry Diseases for Improved Health and Productivity” held w.e.f. 17 - 20<sup>th</sup> November, 2022 at Department of Veterinary Pathology, College of Veterinary and Animal Science, Rajendranagar, PVNRTVU, Hyderabad, Telangana**

The Executive Committee / General Body Meeting was held under the Chairmanship of Dr B.N. Tripathi, President, IAVP on 16 and 17<sup>th</sup> November, 2022, respectively. The meeting was attended by Vice Presidents, Secretary General, Treasurer, Chief Editor, Zonal Secretaries and EC Members / Life Members. Secretary General Dr K.P. Singh welcomed all office bearers and EC/GB members. President, IAVP, Dr B.N. Tripathi gave opening remarks and appreciated the efforts of office bearers and in particular Dr K.P. Singh, Secretary General and Dr M.R. Reddy, Chief Editor of IJVP.

1. He emphasized that the needful should be done to improve the rating of the journal and to include it in the Thomson Reuters Impact factor and even seek professional assistance from recognized agencies.
2. Members should be encouraged to submit a large number of quality research papers to improve the standard of the Indian Journal of Veterinary Pathology (IJVP).
3. He also emphasized to publish 01 review article in each issue of the journal to enhance the citation of the journal.
4. Invitations should be made to the eminent Scientists and Professors of various Veterinary Colleges / Universities of the country and Indian alumni working abroad to submit the quality research papers.
5. The matter of slight amendment in the constitution regarding time period of disciplinary action against any IAVP life member was discussed. It was decided that 3-5 years period of disciplinary action is appropriate depending upon the nature of the indiscipline by any member.
6. The Veterinary Pathologists should be encouraged for appearing in the ICVP Diplomate examination.
7. The possibility of recognition of ICVP Diplomate by VCI may be explored.

### **Agenda No. 1: Approval of the minutes of the proceedings of last IAVP meeting held at Bikaner**

1. The Secretary General informed the members about the action taken report (ATR) based on the Proceedings of 38<sup>th</sup> IAVP Conference, 2021 held on virtual mode at RAJUVAS, Bikaner, Rajasthan.
2. The Proceedings have been circulated among the EC members and all members agreed with the same.
3. The approval of minutes of the 38<sup>th</sup> Proceedings of IAVP held at Bikaner was proposed by Dr M. Saminathan and seconded by Dr A. Anand Kumar. The minutes were approved by EC/GB, respectively.

### **Agenda No. 2: Report by the Secretary General**

1. **New Life Members:** A total of 35 new Veterinary Pathologists joined as Life Member of IAVP.
2. **Zonal Activities:** The newly elected zonal secretaries may strengthen the zonal activities of the Association by organizing the webinars with more active participation of the members.
3. **Database Updating:** Updation of the addresses of the Life Members of the IAVP was discussed and Committee members (Drs N.K. Gangwar, T.K. Rajkhowa, Manjunatha S.S., Manisha Mehra and R.C. Ghosh) were requested to complete the work at the earliest.

### **Agenda No. 3: Report of the Chief Editor**

Dr M.R. Reddy, Chief Editor, IJVP, briefed the house, about the IJVP report and informed that:

1. The NAAS rating of IJVP has increased from 5.4 to 5.54.
2. The acceptance and rejection rate of the articles were 74.74 and 25.26%, respectively.
3. During 2021-22, a total of 62 articles were received for publication in the IJVP, one review article is being included in each issue of the Journal.
4. It was informed that citation of the articles of the Journal is very less and it needs to be improved.
5. Reviewing of the articles are being done by two reviewers and average time between the submission and acceptance/rejection of the articles is about 2 months.

### **Views from the House**

1. The EC emphasized that 01 color atlas on histopathology may be prepared and published by IAVP Executive Committee with contribution of all the IAVP members for the benefit of Veterinary Pathologists and technical persons.
2. The possibility may also be explored for publication of IJVP through ICAR publication system.
3. Some members desired to increase the number of awards being given by IAVP during the Annual Conference and wanted

to confer 02 awards per session for oral presentation. This responsibility may be shouldered by the Organizing Secretary of Conference. The selection of the oral presentation award may be done by the session chair committee.

4. The papers presented in the conference may be published as special issue of IJVP with ISBN and DOI No.

#### **Agenda No. 4: Report of the Treasurer**

Dr Pawan Kumar, Treasurer presented the audited report of the income and expenses of the IAVP for the year 2021-22. He informed the house:

Opening Balance for the year 2021-22	Rs 31,80,71.77
Income during the year (Subscription fee, membership fee)	Rs 7,39,272.60
Financial assistance from ICAR etc. and interest earned from FDR	Rs 3,54,682.00
Expenditure during the year	Rs 8,19,670.00
Excess Expenditure	Rs 80,397.38
Cash in Hand & Bank Balance (At the end of financial year 2020-21)	Rs 89,642.39
<b>Total Balance</b>	<b>Rs 51,73,836.12</b>

Treasurer's report was accepted by house.

#### **Agenda No. 5: Initiation of award in the name of Dr C. Balachandran, Ex. VC, TANUVAS**

Dr C. Balachandran expressed his desire to initiate 01 new award as **IAVP - Dr C. Balachandran Molecular Pathology Award**. This was discussed in EC and GB, GB agreed for this award in principle by following the IAVP rules and regulations. Dr Balachandran is to donate Rs One Lakh for this purpose as per IAVP rules and regulations.

#### **Agenda No. 6: Venue of the IAVP Conference 2023**

The issue was discussed in detail and CVSc, Mannuthy, Thrissur, Kerala was finalized as the venue for the next IAVP Conference. Dr K.S. Prasanna, Assistant Professor & Head, College of Veterinary Science, KVASU, Mannuthy, Thrissur, Kerala was proposed to be the Organizing Secretary of the conference.

#### **Agenda No. 7: Election process of New EC (2023-25)**

It was conducted by Dr Nitin Virmani, Returning Officer & Principal Scientist, ICAR-NRCE, Hisar, Haryana. The new EC was elected unanimously. EC appreciated the efforts made by Dr Virmani in smooth conduct of IAVP Elections.

#### **Condolence on Deceased IAVP Members**

It was informed to the house that Dr N.S. Parihar, Retd. Head, Division of Pathology, ICAR-IVRI, Izatnagar expired on 15.11.2022. The house appreciated the contributions and services of Dr Parihar to the profession and IAVP and a silence of 2 minutes was observed for peace of departed souls. Obituary was prepared and published in IJVP and IAVP Website.

#### **Vote of Thanks**

Dr K.P. Singh proposed the vote of thanks to all the members of the EC/GB for their contribution in fruitful discussion in the meeting.

#### **Executive Committee of IAVP (2023-25)**

<b>President</b>	:	Dr B.N. Tripathi, New Delhi
<b>Vice-Presidents</b>	:	Dr K.P. Singh, Bareilly, UP Dr S.K. Mukhopadhyay, Kolkata, West Bengal
<b>Secretary General</b>	:	Dr G.A. Balasubramaniam, Namakkal, Tamil Nadu
<b>Joint-Secretary*</b>	:	Dr M. Saminathan, Bareilly, UP
<b>Treasurer</b>	:	Dr Pawan Kumar, Bareilly, UP
<b>Chief Editor</b>	:	Dr A. Anand Kumar, Tirupati, AP
<b>Editor</b>	:	Dr K.S. Prasanna, Mannuthy, Thrissur, Kerala
<b>Managing Editor*</b>	:	Dr Vidya Singh, Bareilly, UP
<b>Web Manager</b>	:	Dr R. Somvanshi, Bareilly, UP
<b>Zonal Secretaries</b>	:	Dr R.D. Patil, Palampur, HP (North) Dr Arvind Ingle, Mumbai, MS (West) Dr S.K. Panda, Bhubaneswar, Odisha (East)

		Dr Seema Rani Pegu, Guwahati, Assam (North-East)
		Dr R.C. Ghosh, Durg, CG (Central)
		Dr Manjunatha, S.S., Shivamogga, Karnataka (South)
<b>Executive Members</b>	:	Dr Pankaj Goswami, J & K
		Dr C.K. Jana, Bareilly, UP
		Dr Kamal Purohit, Navania, Udaipur, Rajasthan
		Dr Rajeev Ranjan, Bhubaneshwar, Odisha
		Dr Asok Kumar M., Bareilly, UP
		Dr Ashwani Kumar Singh, Baghpat, UP
<b>Ex-Officio ICVP Office Bearers</b>		
<b>President</b>	:	Dr Vyas M. Shingatgeri, Gurugram, Haryana
<b>Secretary</b>	:	Dr R.V.S. Pawaiya, Makhdoom, Mathura, UP
*Nominated		

## IAVP AWARDS, 2022

### I. IAVP-Young Scientist Awards

#### 1. IAVP-Dr Balwant Singh Memorial Young Scientist Award for Best Oral Presentation

**Title:** Nanocurcumin alleviates lead induced toxicity by immunomodulatory and antioxidants mechanism in rats

**Authors:** M. Lakshmi Namratha, M. Lakshman, D. Madhuri, B. Kala Kumar and K. Satish Kumar

**Affiliation:** PVRNRTVU, Rajendranagar, Hyderabad, Telangana

#### 2. IAVP-Dr S.K. Nigam Young Scientist Award for Best Oral Presentation

**Title:** Pathology of H5N8 avian influenza virus in experimentally infected chicken

**Authors:** P. Boopathi, Manoj Kumar, H.V. Murugkar, S. Nagarajan, C. Tosh, D. Senthil Kumar, S. Kalaiyarasu, S. Gautam, S. Panichan and V.P. Singh

**Affiliation:** ICAR-NISHAD, Bhopal, MP

#### 3. IAVP-Prof. S. Ramachandran Memorial Best Molecular Oncologist Award

**Title:** Studies on chemically induced mammary tumour in laboratory rat model and evaluation of anti-tumour effect of selected plant extract

**Authors:** Rakesh Kumar, B.N. Tripathi, Pallavi Bhardwaj, Nitin Virmani, Vikram Patial, V.K. Gupta, R.K. Asrani, Adarsh Kumar, Rinku Sharma and K.P. Singh

**Affiliation:** Dr G.C. Negi CV&AS, HPAU, Palampur, HP

### II. (A) IAVP-Poster Presentation Awards

#### 1. IAVP-Best Poster Presentation Award

**Title:** Pathological and molecular diagnosis of Lumpy skin disease in cattle in Karnataka

**Authors:** Sanjeeva Kumar, L. Suguna Rao, S.M. Byregowda, H.B. Chethankumar, S.S. Patil, G. Leena, Viveka Prabhu and G.B. Manjuantha Reddy

**Affiliation:** CVSc, Hebbal, KVAFSU, Bengaluru, Karnataka

#### 2. IAVP-Organizing Secretary Best Poster Presentation Award

**Title:** Reproductive and renal pathology in infectious bronchitis, insights from clinicopathological, virus isolation and electron microscopic studies in natural outbreaks

**Authors:** R. Jyothi Priya, M. Lakshman, G. Venkata Sudhakar Rao, N. Pazhanivel, M. Vijayarani and M. Veeraselvam

**Affiliation:** Madras Veterinary College, TANUVAS, Chennai, Tamil Nadu

#### 3. IAVP-Savithree Jibachch Sinha Best Poster Presentation Award

**Title:** Evaluation of pyroptotic markers in chicken embryo kidney cells infected with infectious laryngotracheitis virus

**Authors:** S. Kohale, M. Asok Kumar, M. Palanivelu, Gaurav Sharma, M. Karikalan, Revathi, Megha Sharma, M.R. Verma and Kuldeep Dhama

**Affiliation:** ICAR-IVRI, Izatnagar, Bareilly, UP

### II. (B) Newly Initiated Sessional IAVP Poster Presentation Awards

*Session: Farm Animal, Lab., Animal, Wild Animal and Veterinary Forensic Pathology*

#### 1. Entitled: Occurrence of Infectious canine hepatitis in sloth and Asiatic black bears

**Authors:** M. Karikalan, S. Ilayaraja, V. Beena, Vishal Chander, A.K. Sharma, Gaurav K. Sharma, Arun A. Sha, Abhijit Bhawal and A.M. Pawde

**Affiliation:** ICAR-IVRI, Izatnagar, Bareilly, UP

#### 2. Entitled: Pathomorphological and molecular studies of respiratory Mannheimiosis isolated from goats in Assam

**Authors:** A.I. Mazumder, S.A. Begum, M. Buragohain, Sophia M. Gogoi, Mousumi Hazarika and Girin Hazarika

**Affiliation:** CVSc, AAU, Khanapara, Guwahati, Assam

*Session: Avian Pathology*

#### 1. Entitled: Study on the etiopathology of septicemia conditions in chicken

**Authors:** N.K. Dharanasha, M.R. Reddy, B.R. Singh, Asok Kumar M., K.P. Singh, M. Sahoo, M. Saminathan and Kuldeep Dhama

**Affiliation:** ICAR-IVRI, Izatnagar, Bareilly, UP

#### 2. Entitled: Pathology of rare tracheal fluke *Typhlocoelum cucumetinum* and its associate off feat lesions in a duck

**Authors:** N. Babu Prasath, J. Selvaraj, K. Thilagavathi and P.C. Prabhu

**Affiliation:** VCRI, TANUVAS, Orthanadu, Tamil Nadu

**Session: Pet and Companion Animal Pathology**

1. **Entitled:** Histochemical analysis of AgNORs in the fine needle aspiration cytology smears of canine mammary tumours and their correlation with histopathology

**Authors:** J. Venkatesh Yadav, G.V. Sudhakar Rao, N. Pazhanivel, G. Sarath Chandra and T.M.A. Senthil Kumar

**Affiliation:** Madras Veterinary College, TANUVAS, Chennai, Tamil Nadu

2. **Entitled:** Concurrent infection of rabies and *Spirocercalupi* induced fibrosteosarcoma in dog: A case report

**Authors:** Arun Chatla, M. Saminathan, K.P. Singh, M. Dinesh, K.A. Yashica, P. Arivakarasu, S.D. Vinay Kumar, Monalisa Sahoo, Sonal Saxena, Luis Sylvester and Vinod Khokhar

**Affiliation:** CADRAD, ICAR-IVRI, Izatnagar, Bareilly, UP

**Session: Molecular Pathology and Oncology**

1. **Entitled:** Histomorphological, immunohistochemical and molecular studies on desmoplastic reactions in canine mammary tumors

**Authors:** S.S. Devi, J.G. Ajith, B. Dhanush Krishna, K.S. Prasanna, G. Radhika and K.D. John Martin

**Affiliation:** CVASc, KVASU, Mannuthy, Kerala

2. **Entitled:** Renal cell carcinoma in a mixed breed canine: A case report

**Authors:** R. Sairam, Pawan Kumar, Ramesh Jangra, Akshata Ubale, K. Ajithesh, K.S. Sreevarsha, T. Karthika and Sai Narayanan

**Affiliation:** Cessna Lifeline Veterinary Hospital, Domlur, Bengaluru, Karnataka

**Session: Toxicopathology, Fish and Aquatic Animal Pathology**

1. **Entitled:** Protective effect of vitamin C against glyphosphate induced nephrotoxicity in rats

**Authors:** M. Lakshmi Namratha, M. Lakshman, M. Jeevanalatha and B. Anil Kumar

**Affiliation:** CVSc, PVNRTVU, Rajendranagar, Hyderabad, Telangana

2. **Entitled:** Protective effect of Naringenin against 5-fluorouracil induced pulmonary toxicity in Wistar rats

**Authors:** V. Sravathi, M. Jeevanalatha, Y. Ravikumar and A. Gopalareddy

**Affiliation:** CVSc, PVNRTVU, Rajendranagar, Hyderabad, Telangana

3. **Entitled:** Role of immune genes in hepatic microsporidiosis infection in *Penaeus vannamei* Shrimp

**Authors:** P. Ezhil Praveena, T. Sathish Kumar, T. Bhuvanewari, S.K. Otta, M. Poornima and K.P. Jithendran

**Affiliation:** ICAR-CIBWA, Chennai, Tamil Nadu

4. **Entitled:** Cisplatin induced nephrotoxicity and its amelioration with Eugenol in Wistar rats

**Authors:** S.S. Jadeja, B.J. Patel, J.G. Patel, S.H. Raval, R.S. Parmar, H.A. Patel, V.J. Bechara, K.A. Desai, H.N. Katara and D.V. Joshi

**Affiliation:** CVSc & AH, Kamdhenu University, Sardarkrushinagar, Gujarat

**Session: Clinical Pathology and Advanced Disease Diagnostic Techniques**

1. **Entitled:** Fidelity of cytodiagnosis in canine mammary tumours

**Authors:** S. Sruthi, K.S. Prasanna, S.S. Devi, I.S. Sajitha and R. Anoopraj

**Affiliation:** CVSc, KVASU, Mannuthy, Kerala

2. **Entitled:** Establishment of hematological and biochemical reference values in indigenous donkeys (*Equus acinus*) of Puducherry, India with special reference to morphometric analysis of erythrocytes

**Authors:** Aaqib Javed, A. Ansar, G. Vigneswar, S. Uma, A.W. Lakkawar, R. Kumar and M.G. Nair

**Affiliation:** Rajiv Gandhi Institute of Veterinary Education and Research, Puducherry

**III. Journal Awards, 2021**

**1. IAVP-Dr C.M. Singh Award for Best Full Research Article**

**Title:** Pathobiological and molecular studies on Infectious Laryngotracheitis Virus (ILTV) infection in commercial chicken flocks in India

**Authors:** M. Palanivelu, K.P. Singh, Asok Kumar M., Megha Keore, Shyama K. Latheef, K. Anbazhagan, Vidya Singh, M.R. Reddy and K. Dhama

*Indian J. Vet. Pathol.*, 2021, 45(1): 7-14, DOI: 10.5958/0973-970X.2021.00002.X

**Affiliation:** ICAR-IVRI, Izatnagar, UP

### 2. IAVP-Dr B.S. Rajya Award for Best Non-Oncology Short/Rapid Communication

**Title:** Septicemia form of *Aeromonas hydrophila* infection in a mugger crocodile (*Crocodylus palustris*)

**Authors:** M. Karikalan, Sandeep Ghatak, Manish Kumar, C.K. Athira, V. Beena, Rahul G. Kadam, S. Mohan Chandra, A.M. Pawde and A.K. Sharma

*Indian J. Vet. Pathol.*, 2021, 45(3): 217-220, DOI: 10.5958/0973970X.2021.00040.7

**Affiliation:** ICAR-IVRI, Izatnagar, Bareilly, UP

### 3. IAVP-Dr S. Damodaran Award for Best Oncology Paper/Case Report

**Title:** Evaluation of anti-cancer activity of *Tinospora cordifolia* on experimentally induced spontaneous fibrosarcoma in Swiss albino mice

**Authors:** Noopur Halmare, P.P. Gaonkar, P.M. Sonkusale, A.P. Somkuwar, A.D. Ingle and N.V. Kurkure

*Indian J. Vet. Pathol.*, 2021, 45(1): 15-23, DOI: 10.5958/0973-970X.2021.00003.1

**Affiliation:** MAFSU, Nagpur, MS

### 4. IAVP-Gang-Mana Sharma Award for Best Article/Case Report on Pack Animals

**Title:** *Rhodococcusequi* infection in Marwari male foal: A case report

**Authors:** R.S. Parmar, S.H. Raval, A.C. Patel, R.M. Patel, H.A. Patel, S.S. Patel, J.G. Patel, B.J. Patel and D.V. Joshi

*Indian J. Vet. Pathol.*, 2021, 45(1): 73-76, DOI:10.5958/0973-970X.2021.00014.6

**Affiliation:** Kamdhenu University, S.K. Nagar, Dantiwada, Gujarat

## IV. IAVP-Best Post Graduate Thesis Awards

### 1. IAVP-Best PhD Thesis Awards

**Thesis Title:** Comparative pathogenicity and immunogenicity of modified live EHV-1 vaccine candidates in mouse model and development of gE protein-based ELISA for differentiation of infected and vaccinated animals

**Name of Student:** Dr S.S. Pradhan

**Major Adviser:** Dr Nitin Virmani, ICAR-NRC Equine, Haryana

### 2. IAVP-Dr Patri Rama Rao Best PhD Thesis Awards

**A. Thesis Title:** Toxicopathology of steatohepatitis and pancreatitis induced by arsenic and influence of dietary variables

**Name of Student:** Dr Swathi Bora

**Major Adviser:** Dr M. Lakshman, PVNRTVU, Rajendra Nagar, Hyderabad, Telangana

**B. Thesis Title:** Generation of recombinant Equine herpes virus-1 through BAC mediated deletion mutagenesis and their comparative pathogenicity and immunogenicity in murine model

**Name of Student:** Dr Venkataramireddy Balena

**Major Advisor:** Dr B.N. Tripathi, ICAR-NRC Equine, Hisar, Haryana

### IAVP-Best MVSc Thesis Awards

#### 1. IAVP-Dr P.K. Ramachandran Iyer Best MVSc Thesis Award

**Thesis Title:** Efficacy of zinc nanoparticle conjugated with *Tinospora cordifolia* on cytokines gene expression in infectious bursal disease virus induced infection in broilers

**Name of Student:** Dr D.M. Krushnarao

**Major Adviser:** Dr M.S. Hedau, MAFSU, Nagpur, MS

#### 2. IAVP-Dr Ram Raksha-Kiran Shukla Best MVSc Thesis Award

**Thesis Title:** Evaluation of omentum based extracellular matrix scaffolds for soft tissue repair

**Name of Student:** Dr K.G. Megha

**Major Adviser:** Dr Dhanush Krishna B., CVSc, KVASU, Thrissur, Kerala

## V. IAVP-Achievement Awards in Specialty Subjects

### 1. IAVP-Best Farm Animal Pathologists Award

**Dr G.B. Manjunatha Reddy**, ICAR-NIVEDI, Bengaluru, Karnataka

### 2. IAVP-Best Poultry Pathologists Award

**Dr Vitthal S. Dhaygude**, CVSc, MAFSU, Nagpur, MS

**3. IAVP-Best Laboratory Animal Pathologists Award**

**Dr P. Krishnamoorthy**, ICAR-NIVEDI, Bengaluru, Karnataka

**VI. IAVP-Special Encouragement Awards**

**1. IAVP-Best Veterinary Pathology Teacher Award**

**Dr Rohitash Dadhich**, PGIVER, Jaipur, Rajasthan

**2. IAVP-President Appreciation Certificate for Best IAVP Worker/Chapter**

**Dr M. Lakshman**, CVSc, PVNRTVU, Rajendranagar, Hyderabad, Telangana

**VII. Fellowship of Indian Association of Veterinary Pathologists, 2022**

1. **Dr N. Pazhanivel**, Professor, Department of Veterinary Pathology, College of Veterinary Science, TANUVAS, Chennai, TN

2. **Dr S.D. Moregaonkar**, Professor and Head, Department of Veterinary Pathology, Bombay Veterinary College, MAFSU, Mumbai, MS

**VIII. IAVP Appreciations/Activities/Recognitions**

**1. IAVP-Dr P.P. Gupta Oration**

**Title:** Effect of a herbal and a herbo-mineral siddha medicine on experimental rat mammary carcinogenesis: Molecular approach

**Speaker: Dr C. Balachandran**

**Affiliation:** Ex. Vice Chancellor, TANUVAS, Chennai, TN

**2. IAVP-Veterinary Pathology Congress-Thematic Lecture**

**Title:** Approaches to control emerging and re-emerging transboundary diseases of animals in India

**Speaker: Dr S.U. Channakeshava**

**Affiliation:** Assistant Professor, Dept. of Microbiology, Immunology and Pediatrics, IWK Health Center, Dalhousie University, 5850-5980 University Ave, Halifax, NS B3K 6R8, Canada

**3. IAVP-Veterinary Pathology Congress-Continuing Veterinary Pathology Education**

**Title:** Approaches to control emerging and re-emerging transboundary diseases of animals in India

**Speaker: Dr Sonika Patial**

**Affiliation:** Assistant Professor, Department of Comparative Biomedical Sciences, School of Veterinary Medicine, Louisiana State University, Baton Rouge, LA 70803, US

**(Secretary General, IAVP)**