

Technical Report of 36th Veterinary Pathology Congress, 2019

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The Department of Veterinary Pathology, College of Veterinary Sciences and Animal Husbandry, Central Agricultural University, Selesih, Aizawl, Mizoram in association with IAVP and ICVP organized successfully the XXXVIth Annual Conference of Indian Association of Veterinary Pathologists, Xth Annual Meeting of Indian College of Veterinary Pathologists and National Symposium on “**Advances in Veterinary Pathology for Fostering One Health, Food Security and Environment Protection**” during 6-8 November, 2019. The event was organized in the College of Veterinary Sciences and Animal Husbandry, CAU, Selesih, Aizawl, Mizoram under the leadership of Dr. T.K. Rajkhowa, Professor and Head, Department of Veterinary Pathology as the Organizing Secretary of the event, which was attended by 165 delegates from all over India and one international delegate, Prof. Matti Kiupel, from Michigan State University, East Lansing, MS, USA.

The **Inaugural Function** of the event was held at the Auditorium of the College of Veterinary Sciences and Animal Husbandry, CAU, Selesih, Aizawl, Mizoram on 6th November, 2019 at 10.00 AM in a grand manner and had marked the beginning of the three days **Veterinary Pathology Congress, 2019**. **Prof. H.D. Narayanaswamy**, Vice Chancellor of Karnataka Veterinary and Fishery Sciences University (KVAFSU), Bidar was the **Chief Guest**; **Prof. Matti Kiupel**, Michigan State University, Michigan, MS, East Lansing, USA acted as the **Guest of Honour** in the inaugural function presided over by **Prof. M. Premjit Singh**, Vice Chancellor of Central Agricultural University (CAU), Imphal, Manipur. Chairperson of the Organizing Committee and Dean, College of Veterinary Sciences and Animal Husbandry, CAU, Selesih, Aizawl, Mizoram **Prof. Lalnuntluangi Hmar** welcomed the delegates and briefed the activities of the College. Guest of Honour, **Prof. Matti Kiupel**, expressed his pleasure to get the opportunity for attending the Veterinary Pathology Congress, 2019. Annual Report of IAVP was presented by the Secretary General, **Dr K.P. Singh** which revealed multifarious positive growth of IAVP. **Prof. Amarjit Singh**, Secretary of ICVP briefed about the aims and activities of ICVP and presented ICVP report. In absence of Dr R. Somvanshi, President, IAVP, Officiating President, IAVP **Dr R.C. Ghosh**, Vice President, IAVP briefed the gathering about the various activities of IAVP and role of Veterinary Pathologist in disease diagnosis, control and prevention. **Dr T.V. Anilkumar**, President, ICVP narrated the importance and future prospective of ICVP and ICVP Board examination. **Prof. M. Premjit Singh**, in his Presidential Address, briefed about the various activities and achievements of the Central Agricultural University in the field of agriculture and allied discipline. He appealed the scientific community in the field of Veterinary Pathology to come forward with newer technology to combat the emerging and re-emerging diseases to protect our livestock, poultry and wildlife population for food security and protection of environment. Most of speakers appreciated contributions of Dr R. Somvanshi, President, IAVP for advancement of IAVP during his tenures of President ship.

IAVP Awards including IAVP Fellowships, 2018 were conferred to Drs H.D. Narayanaswamy, Arvind Ingle and B.P. Joshi. All 4 IJVP Awards, 2018 were also conferred to winners and co-workers. IAVP President Best Worker Award was presented to Dr K.P. Singh, Secretary General, IAVP and Dr Amarjit Singh, Secretary, ICVP. IAVP Special Appreciation Awards were given to Dr R. Somvanshi, President, IAVP and Dr Anikumar, President, ICVP for advancement of IAVP and ICVP.

The three days' conference was scheduled in **10 Technical Sessions for Oral and 3 Technical Sessions for Poster Presentations** (Annexure-I). Three member panels comprising of Chairman, Co-chairman and Rapporteur conducted the proceedings of the Sessions on oral presentations, while four membered panels of Judges evaluated the posters in different Sessions. The inaugural function was followed by Session-I on **IAVP-Thematic/CVPE /Invited lectures**. **IAVP-Thematic lecture** on topic "*One Health; An Overview*" was considered read in absentia by **Dr Ashok Kumar**, ADG(AH), ICAR, New Delhi. Eminent pathologist, **Dr T.V. Anilkumar** delivered lecture on "*The Art and Science of Comparative Pathology*". **IAVP-Dr P.P. Gupta Oration, 2019 was delivered by Dr Apurba Chakraborti**, Ex-Director of Research (Veterinary), Assam Agricultural University, Khanapara, Guwahati on "*Advanced Animal Disease Diagnosis and Management Consortium (ADMaC)-A Success Story*". The lectures of Dr C. Balachandran, Hon'ble Vice Chancellor, TANIVAS, Chennai, Dr R. Somvanshi and Dr B.N. Tripathi were considered as read in absentia as they could not attend the conference due to some unavoidable circumstances. After the lunch break, **Prof. Matti Kiupel** presented IAVP-CEVP lecture of two hours on "*Disease at the livestock-wildlife interface*". One single session on **One Health** (Session-II) was conducted just after completion of Session-I in which three lead papers and a few oral presentations were presented. The issues including economic burden of zoonotic diseases in India, antimicrobial resistance and emerging vector-borne zoonotic diseases in respect to climate change were discussed in details. The first day was concluded with a colourful recreational cultural programme showing the traditional folk cultures of the North-Eastern States of India which were performed by the students of the college in the auditorium followed by dinner.

Second day of the conference began at 9.00 AM with a single special session in which **Prof. Matti Kiupel** delivered a invited lecture on "*Advances in porcine circoviral diseases*" and the same was highly appreciated by the participants. It was followed by the parallel sessions on '**Animal Disease Problems of North-East India**' (Session-III) with presentation of three lead papers and few oral presentations and '**Clinical & Diagnostic Pathology**' (Session-IV) with four lead papers and some oral presentations. Pigs and poultry, being the economically important species for NER India, the diseases of swine and poultry including African swine fever, the recent threats to the pig population for NER, India, were taken up for detailed deliberation. After detailed deliberation and discussion on the papers presented in Session-IV (Clinical & Diagnostic pathology),

An exclusive session on '**Young Scientist Award Oral Presentation and Prof. S. Ramachandran Award on Molecular Oncology**' (Session-V) was successfully conducted with a total of nine oral presentations. Altogether, a total of 35 posters in three different sessions (Poster Session-I, II & III) were presented on day two. It was followed by General Body Meetings of IAVP and ICVP. The day was also concluded with a colourful recreational cultural programme by the students of the college in the auditorium followed by dinner.

Third day of the conference was started in the morning with another exclusive session '**ICVP Technical Session on Case Presentation**' (Session-VI). In the initial part of session, three expert lectures were delivered under ICVP Model Case Presentation by experienced ICVP Diplomats. Dr Arvind Ingle presented the format of properly writing the post mortem reports and how a Veterinary Pathologist should describe the various gross and histopathology lesions in order to reach a conclusive diagnosis. Dr S.K. Panda presented '*A Case of Theileriosis in Giraffe*' and recommended that tick control is of utmost importance in wild animals and zoo animals to prevent them from deadly tick borne disease. Dr N. Pazhanivel presented '*An Outbreak of Duck Plague*' which lead to huge mortality in ducks. After these three presentations, the ICVP Award Session started in which 11 case presentations were presented by the students/young Veterinary Pathologists from various institutes. It was followed by the parallel sessions on '**Laboratory Animal Pathology &**

Toxicopathology' (Session-VII) with presentation of two lead papers and few oral presentations and **'Farm Animals & Avian Pathology'** (Session-VIII) with three lead papers and a few oral presentations. Then the sessions on **'Oncology'** (Session-IX) and **'Companion, Wildlife & Aquatic Animals Pathology'** (Session-X) were conducted in parallel with presentations of two lead papers and few contributory oral presentations in each.

The **Valedictory Function** was presided over by newly elected Vice President, IAVP **Dr D.V. Joshi**, Dean, College of Veterinary Sciences & Animal Husbandry, S.DAU, Sardarkrushinagar Gujarat. Results of IAVP Awards, viz. IAVP Fellowships, IAVP-Best MVSc/PhD Thesis Awards, IAVP-Young Scientist Awards for Best Oral Presentation, IAVP-Prof. S. Ramachandran Memorial Award, IAVP-Best Poster Presentation Awards and IAVP-Achievement Awards in speciality subjects were announced by **Dr K.P. Singh**, Secretary General of IAVP. These awards were presented by dignitaries to the winners **IAVP Fellowships, 2019** were awarded to **Dr S.K. Mukhopadhyay**, WBUAFS, Kolkata; **Dr Nitin V. Kurkure**, MAFSU, Nagpur and **Dr A. Anand Kumar**, SVVU, Tirupati. These will be conferred in 2020. ICVP Awards for Best Case Presentations were announced by **Dr Amarjit Singh**, General Secretary of ICVP. IAVP conveyed heartfelt thanks and presented memento and certificates to **Dr T.K. Rajkhowa and Team Members** for organizing this Veterinary Pathology Congress in most befitting manner. In the concluding remark, the President. Organizing Committee Chairperson and Organizing Secretary thanked the delegates, faculties, staff, students, sponsors and officials for extending their cooperation and successful conduct of the conference. The three days conference was scientifically very useful and successfully ended with National anthem.

The main aim of the Veterinary Pathology Congress was to bring together Veterinary Pathologists, researchers, disease diagnosticians and students from different parts of India to share their ideas on a related theme in Veterinary Pathology and discuss interesting advanced research and diagnostic topics. This was achieved as a total of 165 delegates from different parts of the country and a special guest invitee from abroad (USA) actively participated and presented their research findings on the diseases of livestock, poultry, companion & pet animals, aquatic and wildlife. 'ICVP Special Session' on case presentation was well participated by the young pathologists, especially students. Discussions were made on many emerging and transboundary disease conditions that are challenging the Veterinary Pathologists throughout the country and appropriate conclusions were also drawn. Further, the event looked for new approaches and scopes to thoroughly review the scientific as well as clinical aspects and diagnosis of animal diseases keeping in view the one-health concept with ultimate aim to reduce economic burden on livestock and poultry farmers by providing highest quality diagnostic services and thereby ensuring increase productivity and food security. Altogether, updating the individuals' knowledge with the current trends and advances in the arena of disease diagnosis, while adhering to the conventional and fundamental principles of pathology is the final take home message that was arrived at the congress.

Annexure-I

Sl. No.	Session	Special Lectures / Lead papers	Oral Presentations	Poster Presentations
Day-I (06.11.2019)				
1	Inaugural Function	-	-	-
2	IAVP Thematic/ CVPE Lectures/ Dr P.P. Gupta Oration	6	-	-

3	One Health	4	13	-
Day-II (07.11.2019)				
4	IAVP Thematic/ CVPE Lecture	1		
5	Animal Disease Problems of North- East India	6	18	-
6	Clinical and Diagnostic Pathology	6	28	-
7	Poster Session-I	-	-	17
8	Young Scientist Award and Prof. S. Ramachandran Award Session	-	14	-
9	Poster Session-II	-	-	22
Day-III (08.11.2019)				
10	ICVP Special Session	3	11	-
11	Poster Session-III	-	-	16
12	Laboratory Animal Pathology and Toxicopathology	3	16	-
13	Farm Animals and Avian Pathology	8	71	-
14	Oncology	4	24	-
15	Companion, Wildlife and Aquatic Animals Pathology	6	29	-
16	Valedictory function and Award Ceremony	-	-	-
Total		47	224	55