

Technical Report of Asian Veterinary Pathology Congress, 2017
09-11th November, 2017

Department of Veterinary Pathology, Veterinary College-Hebbal, KVAFSU, Bengaluru

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Department of Veterinary Pathology, Veterinary College-Hebbal, Bengaluru organized **Asian Veterinary Pathology Congress, 2017** and an International Conference on '*Emerging horizons in diagnosis of animal and poultry diseases-Towards sustainable production in Asian countries*', along with **XXXIV Annual Conference of Indian Association of Veterinary Pathologists (IAVP), VIII Annual Meeting of Indian College of Veterinary Pathologists (ICVP) and VIII Biennial Meeting of Asian Society of Veterinary Pathology (ASVP) during 09-11th November, 2017**. This grand event was organized in association with IAVP, ICVP and ASVP, in the Auditorium and Conference Halls of Karnataka Veterinary Council, Hebbal, Bengaluru, with the permission from Karnataka Veterinary, Animal & Fisheries Sciences University (KVAFSU). Dr H.D. Narayana Swamy, Professor, Department of Veterinary Pathology was the Organizing Secretary for the event in which 300 delegates from all over India and 25 delegates from different Asian countries-like Vietnam, Malaysia, Thailand, Republic of Korea, Taiwan Philippines and USA have attended.

A grand inaugural function in the auditorium of KVC on 09.11.2017, at 09:30 AM had marked the beginning of three days International Congress. **Prof. R.V. Prasad, Vice Chancellor of KVAFSU** was the **Chief Guest**, while **Prof. R. Somvanshi, President of IAVP** presided over the function. **Dr S.N. Vinay Babu**, CEO & Managing Director of Bioneds India Pvt. Ltd., Bengaluru, **Prof. Placid E.D' Souza**, Dean of Veterinary College-Hebbal, Bengaluru and **Dr T.V. Anilkumar**, President of ICVP & ASVP were the **Guests of Honor**. In the welcome speech, Organizing Secretary **Prof. H.D. Narayana Swamy** addressed the gathering and appreciated the IAVP members and students for their interest and active participation in the conference. Chief Guest, **Prof. R.V. Prasad** congratulated the Organizing Committee for their efforts and insisted the need for development of rapid diagnostic tests that can enable the detection of multiple etiological agents at field level. **Dr S.N. Vinay Babu** stressed the significance of pathology in animal health management and disease diagnosis and appreciated the theme that was chosen for the conference. **Prof. Placid E. D' Souza** in his address raised concern for the growing trend of Veterinary Pathologists inclining towards molecular techniques, departing from their basic, conventional principles. Report of IAVP was presented by Secretary General IAVP **Dr K.P. Singh** which revealed positive growth of IAVP. **Dr T.V. Anilkumar** briefed about aims and activities of ASVP and ICVP. In his presidential speech, **Prof. R. Somvanshi** narrated importance of role of Veterinary Pathologist in rapid diseases diagnosis. He stressed that pathologists should not leave any stone unturned for the cause of this profession. During the inaugural function, 3 eminent retired pathologists of Veterinary College-Hebbal, Bengaluru Professor **R.N. Sreenivasa Gowda**, **S. Vijayasarithi** and **T.S. Nalini**, were felicitated by the Chief Guest and other dignitaries, for their outstanding contribution and services towards the advancement of Veterinary Pathology. On this occasion, all four IJVP Awards, 2016, IAVP President Best Worker Award to **Dr Rajendra Singh** and IAVP Fellowships were awarded to **Dr Ch. Srilatha**, **Dr G.A. Balasubramanian** and **Dr R.V.S**

Pawaiya. Compendium of Asian Veterinary Pathology Congress, 2017 was released by the dignitaries on dais. Inaugural function was concluded with vote of thanks by **Prof. M.L. Satyanarayana**, Head, Department of Veterinary Pathology, Veterinary College-Hebbal, Bengaluru.

The three days conference was scheduled as **13 Technical Sessions for oral presentations and 8 Technical Sessions for poster presentations.** The three membered panels comprising of Chairman, Co-chairman and Rapporteur presided over the sessions on oral presentations and equal number member committee of Judges evaluated the poster sessions. Inaugural function was followed by Session-I on **IAVP-Thematic Lecture, 2017 by Prof. R.N. Sreenivasa Gowda** on *‘Current issues and challenges in the diagnosis and control of poultry diseases’*, wherein the speaker highlighted the reasons for frequent disease outbreaks among poultry in spite of rigorous vaccination protocols. He also pointed the challenges in their diagnosis. Session-II was **‘ASVP Session’** wherein 5 eminent pathologists from different Asian countries presented the papers on advances in the field of Veterinary Pathology. From India, **Prof. R. Somvanshi** made an elaborate presentation on *‘Veterinary Pathology Education in India: A Brief Overview’*. This was followed by Session-III on **‘Farm Animal Pathology’**, wherein three lead papers were presented followed by 15 oral presentations. The importance of calf mortality was stressed in this session and some novel findings with respect to the epidemiology of FMD virus, sheep pox and PPR outbreaks were presented by the speakers. Two poster sessions (P-I & P-II) **‘New horizons in disease diagnosis’** and **‘Wild animal and aquatic animal pathology’** were organized as parallel sessions. Sessions on first day were concluded with recreational cultural programme in the auditorium of KVC.

Second day of the Conference started in the morning in parallel sessions of **‘New horizons in disease diagnosis’ (Session-IV)** with two lead papers and 10 oral presentations and **‘Wildlife and aquatic animal pathology’ (Session-V)** with two lead paper and 9 oral presentations. New perspectives on Japanese Encephalitis in India, advent of digitalization as a learning module in Veterinary Pathology and challenges during wild animal necropsy were presented by the speakers. Posters presentation on **‘Poultry disease diagnosis and intervention strategies’ (P-III)** and **‘Toxico-pathology and laboratory animal pathology’ (P-IV)** were held in parallel sessions. An exclusive session (**Session-VI**) on **‘IAVP-Memorial Lectures and Dr P. P. Gupta Oration’** was conducted. In this session, seven memorial lectures viz. **Dr S.J. Seshadri Memorial Lecture** on *Economically important poultry diseases–Diagnosis and control* by **Prof. R.N. Sreenivasa Gowda**, **Prof. P.K.R. Iyer Memorial Lecture** on *Pathology of mycotic diseases* by **Dr Lal Krishna**, **Dr A. Sunderaj Memorial Lecture** on *Pesticide toxicity assessment in rats* by **Prof. C. Balachandran**, **Dr B.C. Nayak Memorial Lecture** on *Forensic application of postmortem changes in animal carcasses and its effective disposal* by **Prof. S.K. Panda**, **Dr Gopal Jee Jha Memorial Lecture** on *Trace elements: Their role in pathophysiology of cellular to nuclear to genomic events of life* by **Prof. K.K. Singh**, **Dr G.K. Baruah Memorial Lecture** on *Immunopathology of economically important and emerging viral diseases of pigs* by **Prof. T. Rahman** were delivered. This was followed by **IAVP-Dr P.P. Gupta Oration, 2017** on topic *The changing trends and challenges in Veterinary Pathology* by **Prof. N. Vijayan**. All speakers were presented special mementoes and certificates by IAVP.

The afternoon session of second day was started with parallel sessions of **‘Poultry disease diagnosis and intervention strategies’ (Session-VII)** with three lead papers and 15 oral presentations, **‘Pet and companion animal pathology’ (Session-VIII)** with two lead papers and 10 oral presentations. Current aspects with respect to ILT, Avian influenza, CIA in poultry and

ante-mortem diagnosis of rabies in dogs were presented by the authors. Posters presentation on **'Farm animal pathology' (P-V)** and **'Molecular pathology and oncology' (P-VI)** were held simultaneously. Session-IX on **'Young Scientist Award Oral Presentation and Prof. S. Ramachandran Molecular Oncology Session'** was held. A total 25 presentations for Young Scientist award and 5 presentations for Prof. S. Ramachandran Molecular Oncology Award were made in this session and the day was concluded with delicious dinner at Country Club.

On the third day (11.11.2017), morning activities were started at with parallel sessions of **'Toxicopathology and laboratory animal pathology' (Session X)** and **'Molecular pathology and oncology' (Session-XI)**, in which five lead papers and 15 oral presentations and two lead papers and 15 oral presentations were made, respectively. Techniques in neurotoxicology, molecular endpoints in toxico-pathology and molecular mechanisms of equine influenza infection were presented and discussed. Posters presentation on **'Pet and companion animal pathology' (P-VII)** and **'Clinical pathology' (P-VIII)** were also held simultaneous sessions. Session-XII on **'Clinical pathology'** with two lead papers and 10 oral presentations was done. The ICVP Technical Session-XIII **'ICVP Session on Case Presentation'** was successfully held with 15 oral presentations. It was followed by General Body meetings of IAVP & ICVP.

The Valedictory Function started with arrival of **Chief Guest, Dr M.T. Manjunath**, Director, Department of Animal Husbandry and Veterinary Services, Government of Karnataka and **Guest of Honor, Prof. Placid E. D' Souza**, Dean, Veterinary College, Bengaluru. The function was presided over by **Prof. R. Somvanshi**, President IAVP. 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 best Molecular Oncologist presentation award, IAVP-Best Poster presentation awards and IAVP-Achievement awards in specialty subjects were announced by **Dr K.P. Singh**, General Secretary of IAVP. These awards were presented by dignitaries to winners. **IAVP Fellowships, 2017 were awarded to Dr Nitin Virmani**, Hisar; **Prof. R.P. Gupta**, Hisar and **Prof. V. Rama Devi**, Gannavaram, AP. These will be conferred in 2018. (See Awards Results in **Annexure-I**). **ASVP Awards for Best Poster Presentations** were announced by **Dr T.V. Anilkumar**, President of ICVP & ASVP. ICVP awards for Best Case Presentations were announced by **Dr Amarjit Singh**, General Secretary of ICVP. IAVP conveyed thanks and presented memento and certificates to **Dr H.D. Narayana Swamy** and team members for organizing this international congress in a befitting manner. In the concluding remark, the President / Organizing Secretary thanked the delegates, sponsors, officials and students for extending their cooperation and successful conduct of conference. The three days grand and successful event ended with National anthem.

The main objective of the international conference at the inception phase was to bring the Pathologists from various fields and from different countries on to the common platform, so as to exchange their ideas, knowledge and recent advances in the discipline of Veterinary Pathology. This was achieved as the delegates from different Asian countries actively participated and presented their research. 'ICVP Special Session' on case presentation was well participated by the Young Pathologists, especially students. Discussions were made on many emerging disease conditions that are challenging the Pathologists all over the world and appropriate conclusions were also drawn. 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.

GLIMPSES OF ASIAN VETERINARY PATHOLOGY CONGRESS, 2017



Fig. 1 Lightening of lamps by Chief Guest Prof. R.V. Prasad Vice Chancellor, KVAFSU and other dignitaries on dais

Fig.2 Welcome address in Asian Veterinary Pathology Congress, 2017 by Organizing Secretary Dr H.D. Narayana Swamy



Fig.3 Delegates, guests and audience present in KVC Auditorium

Fig. 4 International delegates from South-East Asian countries



Fig.5 Address by President, ICVP/ASVP Dr T.V. Anilkumar
Fig.6 Presidential Address by IAVP President, Dr R. Somvansh



Fig.7 Release of Congress Compendium by dignitaries on dais
Fig.8 Award of IAVP Fellowship to Prof. Ch. Srilatha presented by Hon'ble Vice Chancellor, KVAFSU



Fig.9 Felicitation of IAVP-Thematic lecture speaker Ex. Vice Chancellor, KVAFSU Prof. R.N.S. Sreenivasa Gowda by IAVP
Fig.10 Dr Ramesh C. Kovi, Dip. ACVP, USA delivering invited lecture on Toxicology



Fig.11 ASVP Technical Session in progress-Chair Persons viewing presentation
Fig.12 A young international delegate presenting paper in ASVP Technical Session

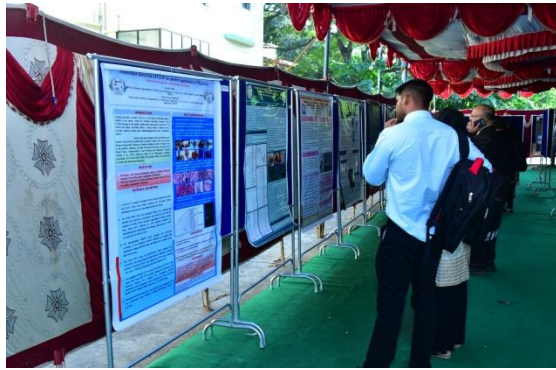


Fig. 13 Poster Session in progress



Fig.14 Dr Syeda Sumaiya receiving IAVP-Dr Balwant Singh Memorial Young Scientist Award along with her guide Dr Suguna Rao



Fig.15 Dr Rinku Sharma receiving IAVP-Prof P.K.R. Iyer Memorial Best M.V.Sc. Thesis Award on the behalf of her student Dr Suresh Kumar Rai from Dr C. Balachandran



Fig.16 ASVP best poster presentation award presentation to a young delegate



Fig.17 Felicitation to Organizing Secretary Dr H.D. Narayana Swamy and Bengaluru Team by IAVP

Fig.18 A scene of cultural evening