



The Lesion

A Biannual Newsletter of Indian Association of Veterinary Pathologists

Volume 1, No. 1

January, 2009

From President's Desk

Wish you all a happy new year. At the outset, I thank you profusely on behalf of the outgoing executive committee for supporting the activities of the Indian Association of Veterinary Pathologists during the last three years. Our interaction with international agencies like Charles Davis Foundation and American College of Veterinary Pathologists was extremely fruitful, and we could establish The Indian College of Veterinary Pathologists. The college will function as a personal certification system for veterinary pathologists in India. At the domestic front, we organise annual meetings and publish the journals regularly. Our website continues to be a portal for academic exchange. Please join me to congratulate Dr. VK Gupta, the outgoing Secretary General for putting the activities of IAVP at a very high pitch.

Thank you very much for re-electing me as the president of the association for the second term and installing a new team of executive members. I hope the new team will continue to keep the spirit of IAVP at a very high esteem and to your expectation. I am in touch with Dr. TV Anilkumar, the in-coming Secretary General to chart out our future activities. Activation of regional and state level chapters is at the top of the agenda for us. May I appeal to each one of you to share this thought with as many colleagues as possible in your neighbourhood and organise meetings at regional-, state- and local-levels for academic and social activities.

In any organisation, newsletter plays an important mode of communication among members and is helpful in highlighting association activities. This newsletter would focus on the development and activities of the association along with some most significant accomplishments of our members. Technical note can also find a place in all issues. I am glad that Dr. B.N. Tripathi has taken this responsibility to bring this concept into reality.

I look forward to your support for bringing new dimension in our activities in future.



DR. LAL KRISHNA

President, IAVP & ICVP and
A.D.G. (Animal Health)
ICAR, Krishi Bhawan, New Delhi

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From Editor's Desk

It gives me immense pleasure in presenting before you the first issue of IAVP Newsletter. The decision to publish a newsletter of our association was taken up during the recent silver jubilee annual conference of IAVP at IVRI, Izatnagar as a rapid means of communication amongst our ever-growing membership. The major objectives of publishing a newsletter are to apprise our members regarding activities of the central unit, state's unit/chapters, association news, major breakthroughs in science and technology relevant to pathologists, interesting and unique case reports, and activities of ICVP. I wish this newsletter becomes a mouthpiece of our association, and therefore, I request hon'ble members to please contribute, and share your views, knowledge, scientific/technical news and achievements through this newsletter. Because of plenty of association news for this founding issue, it was not possible to include several technical/scientific news, it will, however, have a significant share of space in future issues. With limited resources and time, I have tried to bring out the first issue of the newsletter, which might have scope to improve, and that our learned members are free to point out.

I wish you all a very happy and prosperous new year-2009.

DR. B.N. Tripathi

Ph.D., DICVP
Sr. Scientist, Div. of Pathology
I.V.R.I., Izatnagar (U.P.)

The Constitution of Indian College of Veterinary Pathologists : A Historic Milestone of IAVP

(A Certification Body for Veterinary Pathologists in India)

The Indian Association of Veterinary Pathologists has developed a certification system for veterinary pathologists in India. The certification body, called as the **Indian College of Veterinary Pathologists (ICVP)** is expected to function in a fashion similar to the personal certification systems for veterinary pathologists in the United States of America (American College of Veterinary Pathologists) and Europe (European College of Veterinary Pathologists). The membership to the College is open only to certified veterinary pathologists *i.e.* the pathologists who successfully complete an examination of the ICVP on par with those existing in the USA (ACVP) and Europe (ECVP). The College has already established liaison with overseas colleagues and its founding examination was conducted under the supervision of Dr Paul Stromberg, a Diplomate of ACVP and the Past President of ACVP for identifying Diplomates of the College in India. Sixteen candidates qualified for certification and designated as Diplomate of ICVP. These Diplomates shall be responsible to supervise future potential Diplomates to take-up the ICVP examination.

The Indian College of Veterinary Pathologists is pioneered and conceived by a group of twenty-two life members of the Indian Association of Veterinary Pathologists, who have established a recognisable stature in academia, research, industry and practice, identified as Charter Members. In view of globalisation and the potential for India to become a hub for human resources in science and technology (HRST: as perceived by the UN), this venture has lot of importance. It is certainly a model to follow for other disciplines under the veterinary and animal sciences so as to elevate the quality of professional competence in India. The current headquarters of the certification body is the Division of Pathology, Indian Veterinary Research Institute, Izatnagar. The certification system could be put in place as a result of tireless efforts of the certification committee during the last three years led by Dr. Lal Krishna with distinguished members as Dr. R.N.S. Gowda, Dr. R.S. Chauhan, Dr. V.K. Gupta and Dr. T.V. Anilkumar.

First ICVP Executive Committee Constituted

The election to the first Regular Executive Committee of Indian Society for Certification of Veterinary Pathologists (ICVP) was constituted by unanimous decision of the general body and other officebearers for a period of two years *i.e.* 2009-2010 and shall assume the charge with immediate effect.

Executive Committee

President : Dr. Lal Krishna

Vice-Presidents : Dr. P Dwivedi

Secretary : Dr. Vipin Kumar Gupta

Treasurer : Dr. A.K. Sharma

Editor : Dr. B. N. Tripathi

Registrar : Dr. R.S. Chauhan

Executive members

Dr. M.C. Prasad, Dr. B. Murali Manohar

Dr. Syed S.Y.H. Qadri, Dr. Rajendra Singh

Examination Committee

Chairman : Dr. T.V. Anilkumar

Members :

Dr. R. Somvanshi, Dr. C. Balachandran,

Dr. VM Shingatgeri, Dr. Naresh Sood,

Dr. M.V. Joshi

Patrons of ICVP

Dr. M. Krishnan Nair, Dr. J.L. Vegad,

Dr. R.N.S. Gowda, Dr. A. T Rao,

Dr. P. P. Gupta

New Executive Committee of IAVP Constituted

The members of new Executive Committee of IAVP were unanimously elected during silver jubilee annual conference held at IVRI during Nov. 10-12, 2008.

President : Dr. Lal Krishna

Vice Presidents :

Dr. B. Murali Manohar

Dr. R. S. Chauhan

Secretary General : Dr. T. V. Anilkumar

Treasurer : Dr. Rajendra Singh

Chief Editor, IJVP : Dr. B.N. Tripathi

Editor, IJVP : Dr. R.V.S. Pawaiya

Web Manager : Dr. Amarjit Singh

Zonal Secretary (West) : Dr. D.V. Joshi

Zonal Sec. (South) : Dr. C. Balachandran

Zonal Sec. (North) : Dr. C. K. Singh

Zonal Sec. (East) : Dr. Apoorva Chakroborthy

Zonal Secretary (Central) : Dr. R. C. Ghosh

Executive Members :

Dr. M. V. Joshi

Dr. V.M. Singatgeri

Dr. S. K. Mukhopadhyay

Dr. A. Anand Kumar

Dr. M. Gajendragad

Dr. N. V. Kurkure

Meeting of Local Chapter of IAVP, Ludhiana Unit held at GADVASU, Ludhiana

The first ever meeting of the local chapter of Indian Association of Veterinary Pathologists (IAVP), Ludhiana Unit was held on 7th January 2009 at the Department of Veterinary Pathology, GADVASU, Ludhiana. The meeting was presided by Dr. Naresh Kumar Sood, Sr. Veterinary Pathologist-cum-Head, Department of Veterinary Pathology. In the meeting Dr. T V Anilkumar, Secretary General IAVP, Dr. V. K. Gupta, Secretary, Indian College of Veterinary Pathologists (ICVP), Dr. C. K. Singh, Zonal Secretary (North Zone), Dr. Amarjit Singh, Web Manager and other faculty members of Department of Veterinary Pathology participated as life members of the local chapter of the association. Discussion, in a day long meeting, was primarily focused on recent scientific developments in the field of veterinary pathology and affairs of the IAVP as well as ICVP. The arrangements for holding the next IAVP conference, and ICVP meetings were reviewed and major details chalked out. It was also decided to activate the local and regional chapters of IAVP, and to organize more such meetings in future for the benefit of veterinary pathologists in particular, and veterinary profession in general. Dr. Naresh Kumar Sood thanked the invitees for choosing the Department of Veterinary Pathology, GADVASU, Ludhiana as the model venue for initiation of meetings of the local chapters of IAVP. The visiting officials of the IAVP and ICVP also held meetings with the Vice Chancellor and officials of GADVASU.

Association News



Silver Jubilee Annual Conference of IAVP, International Symposium and Satellite Seminar Organized at IVRI, Izatnagar

The Indian Association of Veterinary Pathologists organized its Silver Jubilee Annual Conference and International Symposium on "Quality Assurance in Pathology and Disease Diagnosis" and a Satellite Seminar on Descriptive Gross and Microscopic Veterinary Pathology in Necropsy, Biopsy and Certification Examination (sponsored by CL Davis Foundation, USA) during 10-12 November 2008 at Indian Veterinary Research Institute, Izatnagar, UP. In the symposium, more than 200 eminent veterinary pathologists, scientists, and veterinarians from all over the country and USA attended the conference. The satellite seminar was

held on 10 November, 2008 followed by inauguration of the conference. The chief guest of the function was Professor Paul C. Stromberg and the guest of honor was Mr. T. Venkatesh, Principal Advisor, QCI, New Delhi. Other dignitaries present on the dias were Dr Lal Krishna, President IAVP, Dr R.S. Chauhan, the Chairman of the conference, Dr V. K. Gupta, the Secretary General of IAVP and Dr Rajendra Singh, the Organizing Secretary of the conference. In the symposium, the concept of quality assurance was dealt with in 8 technical sessions involving topics on different aspects of animal diseases. The satellite seminar was delivered by an eminent veterinary pathologist Professor Paul C. Stromberg, Department of Veterinary Biosciences, Ohio State University, USA.



National Seminar-cum-Workshop on "Mycotoxicosis" organized at IVRI, Izatnagar

A National Seminar-cum-Workshop on "Current Status, Diagnosis and Management of Mycotoxicosis in Livestock and Poultry" was held during July 10-11, 2008 in the Division of Pathology, I. V. R. I., Izatnagar to commemorate the superannuation of Dr. P. Dwivedi, who had immensely contributed in this field. Seminar was jointly sponsored by Dr. C.M. Singh Endowment Trust, Bareilly, Indian Association of Veterinary Pathologists (IAVP), Izatnagar Chapter and I.V.R.I., Izatnagar. Dr. R. Somvanshi, Head, Division of Pathology and Dr. A.K. Sharma, Principal Scientist were the chairman and organizing secretary of the seminar, respectively. Dr. R.B. Singh, former Director, Indian Agricultural Research Institute, Pusa, New Delhi inaugurated the Seminar and Dr. S.P.S. Ahlawat, Director, I.V.R.I., Izatnagar, presided over the function. More than 100 delegates working in the field of mycotoxicosis from all over the country participated and presented their work in various technical sessions. The Seminar was partially financed by Department of Science and Technology, Govt. of India, New Delhi.

Meeting of Kerala Chapter of IAVP and a State level Seminar held at Kerala State Veterinary Council, Trivandrum

The programme was organised in two sessions. Dr. N. Vijayan, Professor of Pathology, COVAS, Mannuthy presided the morning-session. Prof. M. Krishnan Nair, former Dean and Director of Veterinary Education and Research (KAU) made an inspiring presentation on 'Molecular Oncology'. Dr. N.N Sasi, Registrar, Kerala State Veterinary Council was the guest of honour. Dr. T.V. Anilkumar talked about the current activities of the IAVP at national level. The meeting explored the need and possibilities for organising continuing veterinary education programmes in pathology.

The second session of the meeting was conducted jointly with the district unit of the Indian Veterinary Association. Dr. V. Ramakumar, Ex-Registrar, Indian Veterinary Council was the chief guest. Three scientific lectures were presented. 25 veterinarians attended the seminar. Dr. Jacob Alexander welcomed the gathering and Dr. Madhusudan R. proposed vote of thanks. Both the meetings were sponsored by the Kerala State Veterinary Council, and organised by Dr. N. Vijayan, Secretary, IAVP, Kerala Chapter and Dr. Jacob Alexander, Secretary, Trivandrum Unit.



Technical Note

Glandular choristoma in the mesenteric lymph node of a goat

T. Rajendra Kumar and B.N.Tripathi
Division of Pathology, IVRI, Izatnagar

A cross-bred adult goat had fair body condition without diarrhoea. On examination post-slaughter, distal small intestinal mucosa was thickened and ileocaecal and mesenteric lymph nodes were enlarged. In one of the anterior mesenteric lymph node, cut surfaces showed a few grayish-white foci. Scrapping smears from ileocaecal valve and mesenteric lymph nodes (MLN) failed to reveal acid-fast bacilli. On histological examination, intestinal villi were thickened due to infiltration of greater number of lymphocytes and macrophages. Aggregates of macrophages were occasionally observed in the lamina propria. There was no evidence of any malignant changes in the villous or crypt epithelium or in the Peyer's patches. The samples were negative for bacterial culture but were positive by IS900 PCR for *M.a.paratuberculosis* (MAP). In the mesenteric lymph node, intestinal crypts (intestinal glands) like structures at 3 to 4 places were observed in the subcapsular region or little down in the cortical region (fig.). These glandular structures were lined by columnar epithelium interspersed with goblet cells having vacuolated cytoplasm without cellular atypia, and stained positively for periodic acid Schiff's stain. This is the second report of choristoma in a caprine lymph node, formed by glandular clusters whose phenotype was consistent with intestinal epithelium. The mechanism underlying the development of these inclusions is unclear, but possibilities include involvement of a non-specific factor, inflammation or an inductive substance, sloughing of the epithelium, or haematogenic or lymphatic dissemination. The case reported here was most probably associated with a regional inflammatory process as a result of MAP infection. Incidentally, the first case of glandular choristoma reported in a goat in the literature was also associated with MAP infection.



Accomplishments



DR. T.V. Anilkumar, Scientist (Veterinary Pathology), Sreechitra Tirunal Institute for Medical Sciences and Technology, Trivendrum, and Secretary General, IAVP was conferred with the Fellowship of IAVP during the Silver Jubilee Annual Conference held at IVRI, Izatnagar. The highest award and scroll of honour was bestowed upon Dr. Anilkumar for his outstanding contributions in field of toxicopathology. The IAVP family compliments Dr. Anilkumar for this well

Sign Post

Dr. Ramesh Somvanshi, Principal Scientist and Head, Division of Pathology, IVRI, Izatnagar and **Dr. B.N.Tripathi**, Senior Scientist, Division of Pathology, IVRI, Izatnagar, and Chief Editor, Indian Journal of Veterinary Pathology, have been elected for Fellowship of IAVP-2008. The fellowships will be conferred upon them during forthcoming Annual conference of IAVP at Ludhiana. Members of IAVP congratulate Dr. Somvanshi and Dr. Tripathi.

NOTICE

Communication and journals sent to some of the members is bouncing back undelivered. Therefore, there is a necessity to update our membership list. This updating is preferred to a photo list. Kindly submit your details to the Secretary General before **31st March 2009**, to the following address/E-mail. You may use the format for updating the membership details whenever there is a change but may not be accounted until 31 December of the calendar year.

16 January 2009
Trivandrum

Secretary General
IAVP

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Format for submitting details for updating membership directory of the Indian Association of Veterinary Pathologists

Please affix a Passport size photograph	Name: Dr _____
	Address for communication _____ _____ _____
	PIN CODE: _____
Membership No. : _____	E-mail id: _____
	? Please tick the column if you do not wish to be a part of the IAVP-group mail community
My membership details are now appearing on Page No. _____	Contact Phone numbers (Please specify at least one)
Serial No. _____	Residence : _____
of the list of members published in the IAVP web-site at www.iavp.org (Please ignore this column if you do not have access to internet	Office : _____
	Mobile : _____
	Permanent address _____ _____ _____
	PIN CODE: _____
Signature with date _____	Preference for affiliation for IAVP activities: _____
State of North/East/South/West/Central Region