



The Lesion

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ASSOCIATION NEWS

Third South Zone IAVP Conference & National Seminar on "Wildlife Pathology" and National Workshop on "Laboratory Diagnosis of Animal Tumours" held at Pookot, Kerala

The Third South Zone Conference of Indian Association of Veterinary Pathologists and National Seminar on Wildlife Pathology and Workshop on Diagnostic Oncology were organised at the College of Veterinary and Animal Sciences, Kerala Veterinary and Animal Sciences University, Pookot on 30.04.2011 and 01.05.2011. Dr. A. Jalaludeen, Director, Academic and Research, KVASU inaugurated the conference. Dr. K. Udaya Varman, President, Kerala Veterinary Council released the compendium. The valedictory function was presided over by Dr. Leo Joseph. Dr. C. Balachandran, Zonal Secretary (South) was the Chairman of the conference. Dr. K.S. Prasanna was the Organising Secretary. Drs. Ajith Jacob George, HoD, I.S. Sajitha and Pradeep of Department of Pathology supported the events. About 150 delegates registered for the conference (IAVP Members- 33, Non-members-22, PG students-39 and UG students-46, others-10). Five scientific sessions were conducted. A wetlab practices on histopathology of common animal tumours was also organised. Dr. R.N.S. Gowda, Dr T. Gopal, Dr. C. Balachandran, Dr. T.V. Anilkumar, Dr. N. Divakaran Nair and Dr. Arun Zhakaria delivered the guest lectures. Dr N. Vijayan, Secretary, Kerala Chapter IAVP and Dr. T. Sreekumaran, retired Professor also participated. The General Body meeting of IAVP (SZ) and the ICVP meeting were held on 01.05.2011.



Pookot Unit of the IAVP, Kerala Inaugurated

The Pookot Unit of the IAVP, Kerala was inaugurated by doyen of IAVP Dr. A. Rajan on 19.01.2011. Dr. A. Rajan was honoured during the meeting who was conferred with the Nemi Chand Life Time Achievement Award of the IAVP at Guwahati. He delivered the key note address on "Refinement of attributes of the new generation veterinary professionals". Dr. T.V. Anilkumar, Secretary General of IAVP delivered a lecture on "Regenerative Medicine for Veterinarians". About 200 veterinarians and prospective veterinarians attended the meeting. The following members assumed charge as the officebearers for the Pookot Unit : Dr. Ajith Jacob George, President; Dr. I.S. Sajitha, Vice-President; Dr.K.S.Prasanna, Secretary; and Dr. M. Pradeep, Joint Secretary.

In this issue :

- Zonal Conferences
- Office-bearers of State Chapters
- IAVP News
- ICVP News
- Awards/honours
- Technical Notes

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First West Zonal Meet of Indian Association of Veterinary Pathologists (M.S. Chapter) & National Seminar on Toxicopathology held at Mumbai

The Department of Veterinary Pathology, Bombay Veterinary College, Mumbai in collaboration with Jai Research Foundation, Vapi (Gujrat) organized the First West Zonal Meet of Indian Association of Veterinary Pathologist (M.S. Chapter) and National Seminar on Toxicopathology on 23rd April 2011. The inaugural function was chaired by Dr. A.T. Sherikar, founder Vice Chancellor of MAFSU, and Dr. Lal Krishna, former ADG (Animal Health), ICAR, New Delhi was the Chief Guest. Dr. Abhay Deshpande, Director, Jai Research Foundation, Vapi and Dr. L.B. Sarkate, Registrar, MAFSU, Nagpur were the Guests of Honour for the function. About 175 delegates including scientists, toxicologists, pathologists, academicians, researchers, industry personnel and students from all over the country participated in the seminar. The eminent speakers like Dr. C. Gopinath, Independent Toxicologist and Ex Director Huntingdon Life Sciences, UK, Dr. M.R. Marathe, Senior Vice President, Sun Pharma Advanced Research, Dr. P. S. Lonkar, former Director, Extension and Training, MAFSU and Dr. M.C. Prasad, Consultant Toxicopathologist, Jai Research Foundation, Vapi delivered lectures in two scientific sessions. Dr. D.P. Kadam, Professor (In charge) was the Organizing Secretary and Dr Pramod Meshram, Assistant Professor of Pathology was the Joint-Organizing Secretary of the event. Inaugural function and scientific sessions were conducted by Dr. Pramod Meshram. Best poster presenters were awarded. The function ended with the vote of thanks by Dr. B.K. More, Visiting Professor of Pathology Department. The recommendations emerged out of the scientific sessions were communicated to appropriate authorities for its further execution.

Second Central Zone Meeting of the Indian Association of Veterinary Pathologists (IAVP) and National Seminar on "Newer Challenges in the Livestock and Poultry Diseases", held at Durg

Second Central Zone Meeting of Indian Association of Veterinary Pathologists (IAVP) and National Seminar on "Newer Challenges in the Livestock and Poultry Diseases" was organized by IAVP (Central Zone) and Department of Veterinary Pathology, College of Veterinary Science & A.H., Anjora, Durg, C.G. on 7th May 2011. Over 100 delegates from various parts of India attended the national seminar. Dr. M.P. Pandey, Hon'ble Vice-Chancellor, Indira Gandhi Krishi Vishwavidyalaya, Raipur was the Chief Guest, Dr. K.C.P. Singh, Dean, College of Veterinary Science & A.H., Anjora, Durg was the president of the function and Dr. R. C. Ghosh, Professor & Head, Deptt. of Veterinary Pathology Cum Zonal Secretary (IAVP) was the Organizing Secretary of this meeting and national seminar. Dr. M.P. Pandey released the Souvenir on this auspicious occasion. Dr. J. L. Vegad, Former Dean & Professor and Head, Department of Pathology, College of Veterinary Science and Animal Husbandry, Jabalpur, M.P was the Guest of Honour and Dr. S. K. Pandey, Director of Veterinary Services, Govt. of Chhattisgarh was the special guest. The aim of this scientific meet was to foster professional advancement by encouraging interaction, co-operation and support among IAVP-members and biomedical scientists at local, state, zonal and national levels. The chief guest in his inaugural address stressed on the control of newer diseases which are coming up as a result of climatic change. This seminar was also of immense value to the filed veterinarians and livestock and poultry farmers. The scientific interactions further focused on proper disease diagnosis, treatment and control regimen of the emerging and re-emerging diseases of animals and birds, which cause significant economic loss in the livestock industry.



List of Office-bearers of IAVP-State Chapters

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IAVP News

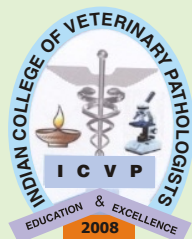
Call for submitting details of roll of honours of award winners, all office-bearers and organising secretaries

The general body of IAVP conducted at Guwahati (November 2010) has authorised the Secretary General for preparing a Handbook-cum-Directory of the association. It is desired to include the details with photograph of the following categories of IAVP-members

1. All office-bearers (President, Secretary General, Treasurer, Chief Editor, Editor, Web Manager, Zonal Secretaries and Executive Committee Members, etc) who have served the association from 1974 to 2011.
2. All award winners (Fellow, Young scientist awards, Poster awards, Journal awards, Thesis awards, Achievement awards etc)
3. Organising Secretaries of annual conferences
4. Local Chapter leaders

If you belong to any one of the above categories and desire to be included in the IAVP Hand Book-2011, kindly forward the details with supporting documents (e.g.: copy of certificates, journal reports) and your photograph to the Secretary General before end of July 2011.

Secretary General, IAVP



INDIAN COLLEGE OF VETERINARY PATHOLOGISTS

(Est. 2008: Under the aegis of 'Indian Society for Certification of Veterinary Pathologists', Reg. No. 1014, Societies Registration Act 1860)

HQ: Division of Pathology, Indian Veterinary Research Institute, Izatnagar 243 122, UP

Web id: www.icvp.in

E-mail id: secretary@icvp.in

Appeal to Members of the Indian Association of Veterinary Pathologists for Joining The Indian College of Veterinary Pathologists

The Indian College of Veterinary Pathologists (ICVP) was founded in 2008 as a personal certification system for the members of the Indian Association of Veterinary Pathologists and who are also practicing veterinary pathology as a profession. The College conducted the certification examinations in the years 2008 and 2010 and certified 24 veterinary pathologists. In fact, like any other accreditation system, the ICVP-certification is an optional peer recognition exercise rather than a mere academic title. The ICVP aims international quality for practicing veterinary pathologists in India. The present leadership visualizes equal opportunity for veterinary pathologist trained here to practice the profession competitively on a global platform. The necessity for such global harmonization is already evident among those working in pharmaceutical industry.

The ICVP conducts the Diploma examination once in a year and it has a training scheme for those who are preparing for the examination. Please note that the next examination is scheduled to be held at Chennai on 10th and 11th September 2011 and the last date for receiving the application is 30th July, 2011.

On behalf of the Indian College of Veterinary Pathologists, we invite you to join the College. The examination formalities are outlined on the websites: <www.iavp.org> and <www.icvp.in>. In case of any clarification, you are free to contact any one of us.

Dr Lal Krishna

Dr TV Anilkumar

ICVP/IAVP Workshop on Toxicologic Pathology-2011

04th October to 09th October, 2011

(Hosted by Tamil Nadu Veterinary and Animal Sciences University)

In order to meet the contemporary requirements of frontier research and fill critical gaps, the Indian Association of Veterinary Pathologists (IAVP) and the Indian College of Veterinary Pathologists (ICVP) have been trying their best to upgrade the technical know-how of their members through zonal seminars and special courses. The IAVP & ICVP consider toxico-pathology as a sub speciality and wish to train the veterinary pathologists in toxicologic pathology through a short course on a workshop-mode at Chennai between 04th and 09th October 2011. At least 80% of the faculty shall be international experts in the respective fields and who are practicing outside India. There shall be lectures, demonstrations and hands on slide reading sessions (twin-shared microscopes) and discussion on each topic. Only registered participants are permitted to join the workshop. The intimation to your participation may be forwarded to Dr. C. Balachandran, Registrar (cbalachandran2000@yahoo.com), TNVASU, Chennai-600051 or Dr TV Anilkumar, Secretary ICVP (secretary@icvp.in) at an early date to enable him to make necessary arrangements. Please visit our websites for updates <www.iavp.org> and <www.icvp.in>.

Dr TV Anilkumar & Dr C Balachandran

AWARDS/HONOURS/RECOGNITION

Dr. Mohammad Noor got 2nd Prize in the oral presentation and received Certificate and a Memento for his paper entitled 'Carbofuran induced oxidative stress and haematobiochemical changes in Wistar rats (*Rattus norvegicus*)' in the UGC sponsored National Seminar on 'Biochemistry: Recent Advances in Molecular Research' held at Saurashtra University, Rajkot on Feb. 20, 2011. Dr Noor was pursuing his M.V.Sc at the Department of Pathology, Veterinary College, Sardarkrushinagar under the able guidance of Dr.D.V.Joshi, who also attended this conference.

IAVP Award Winners at the XVII Annual Conference, Guwahati, 25-27th November, 2010

Name of the Award	Name of the award winner
SKM Feeds Young Scientist Award (2010) for the best oral presentation sponsored by SKM Feed and Food India Ltd.	Naveen BR Title: Studies on prognostic value of free plasma DNA and c-erbB2 expression in canine mammary gland tumor
S. Ramachandran memorial Molecular Oncology Award	Anjan Kumar Title: Expression of stem cell lineage in prognosis of canine mammary gland tumour
Savithree Jibachch Sinha Award (2010) for the presentation of the best poster	S. Awahan Title: Histochemical detection of rabies virus particles in skin
Organizing Secretaries Award (2009) for the presentation of the second best poster	P. Srinivasan Title: Prevalence of different <i>Eimeria</i> species in commercial layer affected with coccidiosis and S.K. Panda Title: Studis on cattle mortality in different agro-climatic zones of Orissa
Dr Patri Rama Rao Award (2009) for the best PhD Thesis	Ganesh Gangram Sonawane Title: Epidemiology and pathology of ovine paratuberculosis at organised farms

CANINE HEARTWORM DISEASE-A CASE REPORT

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ABSTRACT

Canine heartworm disease (HWD) has been reported in most temperate, semitropical, or tropical climates, however, its incidence has been rarely observed in this part of the world. Heartworm infection is caused by a filarial organism, *Dirofilaria immitis* which is quite unusual for a place like Himachal Pradesh. At least 70 species of mosquitoes can serve as intermediate hosts; *Aedes*, *Anopheles*, and *Culex* are the most common genera acting as vectors. Dogs are considered the definitive host for heartworm. The present case study illustrates the pathological changes and diagnosis of HWD in a 19 month old male Saint Bernard Dog. The dog was presented to the State Veterinary Hospital Complex, Shimla with complaint of lethargy, weakness, inappetance, labored respiration, pronounced heart sounds and exercise intolerance. Clinical examination of the heart and lungs revealed tachycardia and increased lung sounds, respectively. Thoracic radiographic examinations were characterized by diffuse cardiomegaly, moderate right ventricular (RV) enlargement and diffuse pulmonary densities. The pulmonary trunk has tortuous lobar pulmonary arteries with peripheral blunting and perivascular opacities (Fig.1). Microfilariae were detected using Modified Knott's Test and Giemsa staining procedures (Fig.2).

The diagnosis of canine heartworm was established by history, recognition of varied clinical signs, and the use of several diagnostic procedures that included thoracic radiographs, and micro filarial detection using Modified Knott's Test.

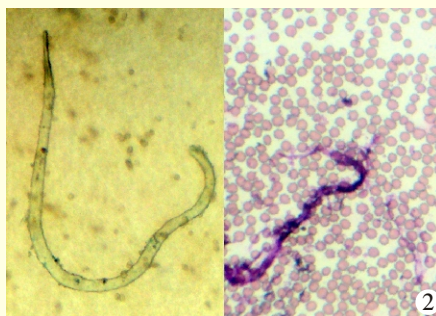


Fig.1. X-ray-chest-diffuse cardiomegaly, moderate right ventricular (RV) enlargement and diffuse pulmonary densities

Fig.2. Microfilariae detected by Modified Knott's Test and Giemsa staining procedures.