



SOCIETY FOR TOXICOLOGIC PATHOLOGY IN INDIA

(Registered Society under Karnataka Society Registration Act, 1960)

Registration Number: 757/04-05

#29, 1st cross, Malleshwaram, Bangalore - 560 003, India

Website: <http://www.toxpathindia.com/>

"Toxpath" Newsletter

Editor: Dr. S. K. Vijayasarithi, M. V. Sc., Ph.D.

May-July 2008

Patron

Dr. R.N.S Gowda, M. V. Sc., Ph.D
Former Vice Chancellor, KVAFSU,
Bidar

Special Advisor

Dr. S. J Seshadri, M. V. Sc., FIAVP
Bangalore

President

Dr. S.K. Vijayasarithi, M. V. Sc., Ph.D.
Advinus Therapeutics Private Limited,
Bangalore

Vice President

Dr. Geeta Nirody, M. V. Sc
RCC Laboratories India Ltd, Hyderabad

General Secretary

Dr. C. S. Shekar M. V. Sc
Aurigene Discovery Technologies Ltd,
Bangalore

Treasurer

Dr. K. Kamala M. V. Sc
Advinus Therapeutics Private Limited,
Bangalore

Executive Committee

Dr. Jomy Jose M. V. Sc
Advinus Therapeutics Private Limited,
Bangalore

Dr. Umesh Sangamwar, M. V. Sc
R&D, Orchid Pharmaceuticals Limited,
Chennai

EDITORIAL

The "Toxpath" newsletter has been started on the popular request of members of the STPI. To begin with it will be in the name of President of STPI and after the Second Annual conference, it is proposed to form an editorial board comprising members from India and also abroad. This platform is to contribute and share scientific knowledge in the field of Toxicopathology in India in general and globally in particular. Initially, this newsletter would be a quarterly issue, starting from May 2008. This will comprise of various technical communication in the form of articles, short communication and abstracts; histomorphological illustration and diagnosis; general information related to members of the STPI; voluntary communications from national and international toxicology and toxicopathology societies and last but not the least news regarding emerging trends for that quarter in the of field toxicopathology and allied fields.

Formation of Society for Toxicologic Pathology in India (STPI)

The "Society for Toxicologic Pathology in India" was established in 2004. The objectives are to provide an excellent platform to share thoughts and update the recent developments in Toxicologic Pathology to meet international standards, to organize scientifically valuable annual meetings, to offer training courses in Toxicological Pathology and related fields and to collaborate with the other Societies of Toxicological Pathology.

Activities of STPI

First Technical Seminar



STPI organized first technical seminar in Bangalore on January 3, 2006. Dr. C. Gopinath, Consultant in Toxicology and Pathology, Former Director of Pathology, Huntingdon Research Center, UK, former President, BSTP delivered lecture on "Interpretation of data from carcinogenicity studies in rodents". The seminar was attended by more than 35 members who included toxicologists, pathologists and post-graduate students. The discussion on collaboration with BSTP to conduct continuing education programme during the STPI conference was initiated.

First annual conference of the Society for Toxicologic Pathology in India and Continuing Professional Development programme in collaboration with the British Society of Toxicological Pathologists



The first annual conference of the Society for Toxicologic Pathology in India and Continuing Professional Development programme in collaboration with the British Society of Toxicological Pathologists was held on 25- 27 August, 2006 at The Atria Hotel in Bangalore.

The conference started with the Inaugural Session. Sixty members registered of which twenty nine were the life members of STPI. The Vice President Dr. S. K. Vijayasarithi gave the welcome address. The Patron of the society Dr. R. N. Sreenivas Gowda lit the inaugural lamp and addressed the participants. The Presidential address was delivered by Dr. S. J. Seshadri. The Secretary, Dr. Geeta Nirody conveyed the vote of thanks.

The technical sessions followed the keynote address by the President. Invited lectures by Dr. M. R. Marathe, Dr. S. K. Vijayasarithi, Dr. C. Balachandran, Dr. Nimish Vaccharajani, Dr. Klaus Weber, Dr. T. V. Anil Kumar, Dr. P Uday

Kumar, Dr. M. R. Balaji and Dr. S. S. Y. H. Qadri, was followed by poster session.



On the next two days (26th and 27th August) the BSTP's CPD programme was conducted. The BSTP pathologists Dr. Kevin Isaacs, Dr. Pam Mullins and Dr. C. Gopinath were the presentators.

Second Technical Seminar of STPI



Second Technical Seminar by Dr. Shashi K. Ramaiah was organized at Veterinary College Bangalore, on January 6, 2007. Dr. Shashi K. Ramaiah, Assistant Professor, Faculties of Pathobiology and Toxicology, Texas A&M University delivered lecture on "Clinical Pathology Approaches to detecting liver toxicity in toxicology studies" and "Proteomics applications in liver toxicology for identification of biomarkers"

Dr. Shashi K. Ramaiah who served as Continuing Education Chair of the Society of Toxicologic Pathology (STP) and is actively working towards collaboration between STP and STPI to run modular courses in toxicologic pathology in India.

Third Technical Seminar of STPI

Dr. Srinivas S. Rao, Chief, Laboratory Animal Medicine, Vaccine Research Center, NIAID/NIH lectured on " From domestic animal pathology to laboratory animal pathology: Perspectives on the changes relevant to the Biopharma surge" at Bangalore Veterinary College on 10th March 2008. The lecture included gross pathology images from several domestic animal pathology (large and small animals) and laboratory animal pathology, especially as they are becoming more relevant to biopharmas, CROs, academia and research institutes.

1st Annual Course in Toxicologic Pathology –“Road to Toxicopathology”

Society for Toxicologic Pathology in India (STPI) jointly organized the 1st Annual Course in Toxicologic Pathology – “Road to Toxicopathology” in collaboration with Charles Louis Davis, D.V.M. Foundation, on March 13-15, 2008, at Best Western The Pride Hotel, Pune,, India.

The meeting was inaugurated by Dr. R. N. Sreenivas Gowda, Former Vice Chancellor, KVAFSU and gave the inaugural address,. Approximately 100 delegates who attended the course included toxicologic pathologists, toxicologists, veterinary pathologists from industry and academics and post graduate students. The conference provided a very good platform for



interaction of delegates with key speakers from both India and Abroad. Dr. Lal Krishna, President, Indian Association of Veterinary Pathologists and Dr. V. K .Gupta, General Secretary, IAVP & director of CL Davis Foundation’s Palampur Study Center were other distinguished guests who attended the conference.



Dr. Srinivas Rao, the course director, briefed the audience about CL Davis Foundation and its effort towards international advancement in Veterinary and Comparative Pathology in many countries of the world including India. He provided an overview of his two and half-day course goals/objectives.

Dr. Matthew Wallig, Professor of Pathobiology, University of Illinois at Urbana-Champaign, set the stage for the first course in Toxicologic pathology “Road to Toxicopathology” by a series of meticulously prepared, well architected lectures on Morphologic Manifestations of toxic injury. Dr. Vijayasarithi, President of the STPI lectured on “Toxicologic Pathology: What is an Artifact? What is Real and How to Interpret? And emphasized the issue of artifacts in rodent toxicology studies – their causes, how artifacts can be prevented and effects on interpretation of results.



SOCIETY FOR TOXICOLOGIC PATHOLOGY IN INDIA

Page 4 of 4

“Toxpath” Newsletter

May-July 2008



histological changes in “Pathology of aging rodents: differentiating aging changes from induced changes”. Later in the afternoon, Dr. Vyas M Shingatgeri, Director, Drug Safety Evaluation, Ranbaxy Laboratories, briefed how Toxicogenomics can play a vital role in Toxicological Pathology.

Gross pathology practical quiz conducted by Srinivas Rao on day 2 and 3 saw very good vocal participation from the participants.



The participants had an opportunity to learn emerging technologies in the fields of digital imaging and needle free injections from two of the major sponsors of the course, Bioimagine and Pharmajet. Dr. Roli Khattri of Bioimagine emphasized how digital pathology can help pathologists by automating pathology workflows for acquisition, analysis, management, archival, reporting and sharing of tissue images. Mr. Michael Royals of Pharmajet gave a practical demonstration of needle free injection works along with preclinical and clinical data to prove how needle free injections make a positive difference in improving global world health, helping to break the cycle of poverty and disease associated with needle stick injury and needle re-use.

Dr. B. Murali Manohar, Director, Centre for Animal Health Studies, Tamil Nadu Veterinary and Animal Sciences University, gave an informative presentation on the practical application of immunohistochemistry and its applications in toxicologic pathology.