

ESTP Newsletter 2016 (3)



Editor Zuhai Dincer (zuhai.dincer@novartis.com)

President's column



Dear ESTP members,

Welcome to our Summer edition. It is with some sadness that I write this, my final President's column. The two years have gone so rapidly and it seems no time at all since I took on the Presidential baton in Berlin in August 2014. Although there is a two year "run-in" as Designated Chairman, it is a real sense of responsibility when you know you are "it" now. As always, it is a pleasure to interact with so many people across Europe and especially, with the always enthusiastic and hard-working ESTP Committee. During the last two years there have been a number of achievements: the development and extension of the successful Webinar series by the Pathology 2.0 group, now being driven by Thomas Lemarchand. Another key development was the very successful Adversity Workshop and this is now followed by the "Adversity of Lysosomal Accumulation" Workshop being held after this year's ESTP Congress.

These meetings have brought together experts across the world and provide a real positive influence and publishable output in the world of toxicologic pathology. The decision that the ESTP members chose to have the STP Toxicologic Pathology journal as their affiliated journal was also another highlight of the last two years. The practicalities of this are being discussed as I write and we look forward to presenting further details on this in Barcelona. The ESTP General Survey was also completed and there will be an opportunity to hear more about the results in Barcelona. We also have the output from our Digital Pathology Survey to hear more on and I am delighted that this survey is now being forwarded to members of the STP. Throughout the two years, I have firmly believed in building links with our other toxicologic societies. I also have a particular interest in working with our Veterinary Pathology colleagues and to this end we now sponsor a lecture at the ECVS/ESVP Summer School which also provides a forum to discuss toxicologic pathology with young pathologists in training.

I look forward immensely to the ESTP Conference 2016 in Barcelona and thank Thierry Flandre and Anna-Lena Frisk for their help in organizing this alongside others. I hope that you already have the dates in your diary (September 20th -23rd) and look forward to meeting most of you there.

As I hurtle towards middle age, I will, of course, remain as the Past Chairman, but the loss of one position opens other doors. In my case, I just heard recently that I have been accepted to begin training as a Church of England priest! This will be a special role known as Minister in Secular Employment whereby I maintain the day job, study part-time, and after three years I will still be a pathologist but an ordained one. I don't know of any other priestly veterinary/toxicologic pathologists so this will provide me with an interesting dimension to science, religion and the meaning of life!

Finally, thanks again to the committee and you as members who make our society the internationally recognised forum that it is. As I make my exit but certainly not my “Brexit”, I extend very good wishes to our new President, Sibylle Groeters, who will take over the helm in September at our AGM in Barcelona.

Jenny McKay
Your Chairman
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Announcement & Invitation To the ESTP Annual General Assembly

Dear ESTP Members,

On behalf of the ESTP Executive Committee and ESTP Chair, Jenny McKay, I would like to cordially invite you to our next Annual General Assembly which will take place during our annual meeting, in Barcelona (Catalonia, Spain), on 22nd September 2016 (17.00 – 19.00 pm local time). If you have not yet registered for the meeting, we cordially invite you to find the necessary information on our website and register as soon as possible. The agenda for the AGA has been sent to all members by e-mail.

Besides general topics and administrative topics, the Executive Committee and other Committees will update you with recent activities of our Society, such as ESTP survey, society journal, Classic Examples, the INHAND initiative, webinars organized by the Pathology 2.0 group, International Expert Workshop on “Adversity”, and more.

In preparation of the AGA we will make sure that you receive the annual reports from the various councillors, committees and working groups prior to the Assembly by separate e-mail(s). We are very much looking forward to welcoming you in Barcelona,

Best regards,

On behalf of the ESTP Executive Committee
Gabriele Pohlmeier-Esch
ESTP Secretary
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STP 35th Annual Symposium San Diego, California, 26-30th June, 2016 “The Basis and Relevance of Variation in Toxicologic Responses”

Dear Members,
It is my pleasure to share with you my impressions about the STP meeting in California. Of course, I know how

privileged I was to travel so far from Europe and to spend almost 7 days in San Diego. As usual in the US, it was easy to work and to discuss with colleagues all day long as well as to find time to enjoy the surroundings in a relaxed atmosphere.

The meeting was perfectly organized in a luxurious hotel, centrally located within the San Diego Bay, a natural and deep-water port. The harbor served as base headquarters for major ships of the United States Navy, and still remains a home port of several aircraft carriers of the United States Pacific Fleet.

I concentrate my summary on two major points of interest to our ESTP members:

The Career Development Workshop on the evolution of toxicology - commercially entitled “Toxicity Testing in the 21st Century: Will animal studies become obsolete?” preceded the conference on Sunday morning. It was of course about the Tox21 initiative in the US dealing with chemicals and high-throughput screenings (HTS), the increasing uses of computational models, of human cells with known ability to metabolize chemicals and of HT Transcriptomics. Richard Paules from NIEHS/NTP explained the expectations. But I discovered that this topic is also of great importance for US FDA and pharmaceutical companies. In particular Sabine Francke (US FDA) explained why FDA takes part in this effort as the reduction of animal studies is a major issue. Most of the contributors (Charles Wood, EPA; Douglas Wolf, Syngenta; Ram Ramabhadran, EPA) emphasized the importance of Tox21 for a better prediction of data requirements and risk assessments. Nevertheless prioritization does not necessarily mean hazard characterization. Animal studies will remain critical for the development of new compounds but the toxicologic pathologist at the era of big data has to understand that his work will necessarily change as it already did in the past. It is exactly why our ESTP Pathology 2.0 group was initiated for.

The conference was opened by a Keynote Address from A. Wallace Hayes, editor in chief of Food and Chemical Toxicology, - well known after the famous withdrawal of Seralini’s publication in 2012. His presentation at the STP meeting on cornerstones in toxicology was more energetic. He reminded us that the dose (and its timing) makes the poison and that people differ. It was an excellent introduction to the meeting about the variation in the toxicologic responses. This introduction was further discussed in general and documented in specific study types. Importance of reference values in clinical pathology, inbred/outbred species was illustrated by successive speakers. The use of Genetically Diverse Mouse Populations to predict low frequency of adverse drug reactions was mentioned as a new area of interest for toxicologists. The NTP Modified One Generation Study was presented by Paul Forster (NTP, NIEHS). He emphasized the importance of the exposure from

implantation to sexual maturity and the histopathological examination of all the animals. This design was mentioned to present advantages over the new extended one generation study (OECD 443).

Personally I was particularly interested and impressed by the data mining dashboard presented by E. Skuba from Novartis. She showed again the importance of modern data analysis and of bioinformatics tools that toxicologic pathologists will have to handle in the early future. A visualization platform will allow us to get a whole study at a glance: an awaited tool for a better search and analysis of data. This is only possible if you handle SEND compliant data. Let us enjoy it in the future.

Thanks for reading

Frédéric Schorsch
Past ESTP Chairman.
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Update on the 5th ESTP International Expert Workshop “Adversity of Lysosomal Accumulation”

Dear ESTP Members,

Our workshop “adversity of lysosomal accumulation” is in its “hot” phase to prepare the **Face-to-Face Expert Discussion in Barcelona**. The workshop comprises 22 members, among which six participants from international regulatory agencies. The participation of a chemist and an investigational toxicologist helps us to shed light on biochemical and mechanistic questions.

During the past months, the expert group held altogether seven teleconferences, during which topics were defined, some additional experts identified to join the group and approximately 15 PowerPoint presentations given by workshop members. Exemplarily, we were able to discuss case examples of compounds causing phospholipidosis, iron accumulation and alpha2u-globulin accumulation as well as of oligonucleotides, pegylated drugs and other chemical entities.

During the F2F workshop in Barcelona, shorter summaries of TC contributions and some additional presentations will be given, and an expert discussion in its narrower sense will be organized in several work sessions.

The F2F workshop will be held at the congress venue in Barcelona (Avenida Palace Hotel, **Friday 23rd September (pm) and Saturday 24th September am/pm**). The room facilities allow us to accept an additional audience of up to 50 interested pathologists/toxicologists for this event. Online

registration is possible via the ESTP website and will close on August 15th, 2016. There are still some places available:

<http://www.eurotoxpath.org/meetings/index.php?id=workshop5>

The detailed program of the workshop is currently being elaborated and will be available on the website from August 1st, 2016. Please contact us any time in case of any question or suggestion.

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Results of Electronic Elections to ESTP Executive Committee 2016

Dear ESTP Members,

The biannual electronic elections for ESTP executive committee were terminated on 10th July 2016. 113 members made use of the vote, which can be considered a very satisfactory participation.

We are very grateful to all candidates, for their willingness to invest their time and energy in voluntary work for our Society, and to our webmaster Rupert Kellner for his excellent technical support in setting up the electronic voting procedure.

Please find below the detailed results. The newly elected executive committee members will officially take office at our upcoming annual general assembly, on September 22nd, 2016. This newly elected executive committee will be constituted of:

Chairman: Sibylle Gröters
Past Chairman: Jenny McKay
Designated Chairman: Anna-Lena Frisk
Vice Chairman: Lars Mecklenburg
Treasurer: Kuno Wuersch
Councillor for Representation at IFSTP: Hans Harleman
Councillor for Digital (Tele) Pathology: Thierry Flandre
Councillor to Represent University Teachers: Wolfgang Baumgärtner
Councillor for the Younger Generation: Annabelle Heier
Councillor for Electronic Communication: Rupert Kellner
Councillor for Classic Examples: Thomas Nolte
Councillor for Nomenclature: Susanne Rittinghausen

Representatives of our sister societies will be confirmed at the AGA.

Results of electronic elections to ESTP Executive Committee 2016		
Position	Name	Votes
Designated Chairman	Dr. Franck Chanut	37
	Dr. Anna-Lena Frisk	69
	against	1
	abstention	6
Vice Chairman	Dr. Lars Mecklenburg	97
	against	1
	abstention	15
Secretary	Dr. Gabriele Pohlmeier-Esch	105
	against	1
	abstention	7
Treasurer	Dr. Kuno Wuersch	94
	against	1
	abstention	18
Councillor for representation at IFSTP	Prof. Hans Harleman	88
	against	4
	abstention	21
Councillor for digital (tele-)pathology	Dr. Thierry Flandre	92
	against	1
	abstention	20
Councillor to represent University Teachers	Prof. Wolfgang Baumgärtner	94
	against	2
	abstention	17
Councillor for the Younger Generation	Dr. Annabelle Heier	96
	against	0
	abstention	17
Councillor for Electronic Communication	Dr. Rupert Kellner	98
	against	1
	abstention	14
Councillor for Classic Examples in Toxicologic Pathology	Dr. Thomas Nolte	105
	against	1
	abstention	7
Councillor for Nomenclature	Dr. Susanne Rittinghausen	104
	against	0
	abstention	9

On behalf of the ESTP Executive Committee
Gabriele Pohlmeier-Esch
 ESTP Secretary
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