

ESTP Newsletter 2013 (3)



Editor Zuhail Dincer (Zuhail.Dincer@novartis.com)

PRESIDENT'S COLUMN

End-year message from ESTP President

Dear Friends,

You will find hereby our latest Newsletter, in which we concentrate on the latest news of interest to you. The initiatives we decided in Ghent and intend to achieve in 2014 and further will help us to improve gradually the content and the interest of our internal communication tool. Together we will have to share political and technical issues in order to improve the visibility and the real contribution of our competencies.

Besides our running and important activities (INHAND, Classic Examples in Toxicologic Pathology and the preparation of our 12th European Congress of Toxicologic Pathology in Berlin), 2014 will be focused on our 2 new committees: Pathology 2.0 and Clinical Pathology. The way of future meetings of interest (London in 2015, Barcelona in 2016 and Lyon in 2017) is also paved. Thanks to all of you for supporting our activities!

In the meantime, I hope you will be able to take a break to fill the cells for a motivated

continuation. I wish you to spend nice moments with your families and friends.

*Happy holidays
And wishing you and families a very
Happy New Year*

Frédéric SCHORSCH
ESTP President
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11th ESTP congress: A pathologist's view of animal models and in-vitro systems - Ghent, Belgium, 10-13th September 2013

The 11th **European Congress of Toxicologic Pathology** took place in the fascinating historical settings of Ghent, where well-preserved early-mediaeval architecture harmoniously blends with renaissance and later architectures, everywhere pinpointed by a gothic flavour. This event gathered 161 participants, attracting many ESTP and non-ESTP members from all over the world. The theme of the congress was "A pathologist's view of animal models and in-vitro systems": two different and very interesting topics bringing a great relevance and many new aspects to our job as toxicologic pathologists.

In the well-designed and -equipped Handelsbeurs Concertzaal, the topic of congress first day covered Skin Pathology: interesting presentations on the in-vitro skin models of disease on reconstructed human skin by Prof. Monika Schäfer-Korting, Dr. Christian Pellevoisin and Dr. Joost Schalkwijk. These talks gave a good insight on the accepted models with special focus on atopic and psoriatic diseases, and in addition on the current regulatory settings and limitations on animal testing. The second part of this skin pathology day focussed on animal models with the extensive review of the Minipig wound healing model, presented by Dr. Peter Glerup, and Dr. Gitte Jeppesen. Dr. Béatrice Gauthier talked about skin irritancy models, with transversal considerations on used species, limitations and possible refinements of the models. The last talk of the day was reviewing the Bovine Cornea Opacity & Permeability (BCOP) Test and the usefulness of histopathology assessment in its evaluation. The day ended with the Welcome Reception which was held in the gorgeous historic town hall of Ghent, great gathering, and catching up and networking with friends and colleagues.

The second day mainly focussed on the Central Nervous System (CNS). Prof. Pieter Wesseling started with the relevant lessons learnt from the human glioma xenografts on mice, new insights on the anti-angiogenic therapy for glioma treatment in the clinic, and the need for a refinement of animal models to better predict the therapeutic efficacy and regimen. Similarly, Prof. Jack van Horsen gave an interesting talk on the growing field of in-vitro and in-vivo models of Multiple Sclerosis, illustrating potentials and drawbacks. An outstanding parenthesis on the CNS topic was given by Dr. Jan Klapwijk, who talked about models of insertional mutagenesis following gene therapy, especially in regards of the (his) experience from/with several viral vectors for gene therapy. This was followed by an afternoon satellite symposium, where the International Academy of Toxicologic Pathology (IATP) also focused on the CNS and its evaluation in rodent toxicity studies, with very informative talks on 1) CNS cytology,

artifacts, neoplastic lesions and utilization of special stains (Dr. Robert Garman), 2) non-neoplastic CNS lesion overview (Dr. Peter Little (presentation given by Dr. Garman on behalf of Dr. Little), 3) National Toxicology Program revised rodent brain trimming procedure for CRO routine studies (Dr. Alys Bradley) and 4) the illustrative subsite mapping of rodent brain (Dr. Deepa Rao). The ESTP Annual General Assembly also took place on the second day, with a very important update from Dr. Erio Barale on the pathology peer review document from the Organisation for Economic Co-operation and Development (OECD), inviting the audience to a well worth plenary discussion,. In the evening we gathered in Handelsbeurs Concertzaal again for Belgian beer tasting, which allowed all participants to learn more about one of the most famous Belgian specialties with varied flavours.

The third day focused on liver pathology, again with an extraordinary insight into this topic from various angles, spanning from the 2-D and 3-D cellular models for predicting liver toxicity in-vitro on early drug candidates (given by Dr. Adrian Roth) to an update from the PREDICT-IV consortium and the preliminary results from in vitro liver investigations presented by Prof. Armin Wolf. After this, we moved into animal models:

- establishing biomarkers of **Drug-induced Liver Injury (DILI)** in humans by Prof. Anja Kipar and Dr. Daniel Antoine
- mice models of cardiometabolic disease with specific focus on non-alcoholic steatohepatitis by Dr. Peter Y. Wielinga
- mice models using uPA-SCID mice with a humanized liver by Prof. Philip Meuleman
- translational use of the zebrafish larvae in the contest of DILI by Dr. Aswin Menke

The day finished with the Congress dinner which gave us the opportunity to see the historical center of Ghent from a different angle again, being taken to Ghent Old Fish Market by boat, after navigating through the city canals.

The last day focused on the International Harmonization of Nomenclature and Diagnostic Criteria (INHAND) activities, with Dr. Thomas Nolte presenting the proposal for the non-proliferative and proliferative lesions of the digestive tract, followed by Dr. Susanne Rittinghausen and Dr. Charlotte Keenan giving an update on the progress of the INHAND committee collaboration with the FDA and the Standardization for Exchange of Nonclinical Data (SEND) committee. Both presentations were again very useful to highlight the importance of these activities, involving international pathologist collaborations. Intermixed with those two relevant presentations, several interactive case presentations were given, confirming that this format is now very well accepted by the audience, which showed much interest in discussing/commenting the presented cases.

A special mention on the poster exhibition is also required, as the posters, presented during the congress on Wednesday and Thursday generated a lot of interest and even made it difficult for the poster award committee to select the best poster: indeed, the committee ended up selecting 2 posters for award.

I would finally like to personally thank Dr. An Vynckier, Dr. Marjolein van Heerden and the Scientific Organizing Committee for putting a great scientific program together and making this congress such a successful event as always. Of course my thanks also go to the Local Organizing Committee and Congress Organizers who made this congress a very pleasant occasion.

Alessandro Piaia
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Update on ESTP Journal

As we have received a couple of requests concerning the current situation with the journal of "Experimental and Toxicologic Pathology", a short update is provided for our members. The update is similar to those presented in the 2012 and 2013 AGAs.

Contract with Elsevier / ETP journal terminated:

- Majority of members present at AGA 2011 supported to terminate the contract with Elsevier for "Experimental and Toxicologic Pathology" as the society journal, as soon as possible.
- ESTP officially requested the termination of the contract between ETP and ESTP to December 2012. The letter was sent on January 21, 2012.
- From Elsevier, a confirmation of contract termination was received by email note on November 27, 2012. As of Vol 65, 1-2, 2013, members will no longer receive the ETP journal.
- Experimental and Toxicologic Pathology is still a journal that is available as resource through public channels, like <http://www.sciencedirect.com/science/journal/09402993>

How can members retrieve information in future?

- ESTP webpage – Repository for Society news and scientific information
<http://www.eurotoxpath.org/index.php>
- Newsletter(public)
<http://www.eurotoxpath.org/organization/index.php?id=newsletters>
- Congress abstracts (public):
http://www.eurotoxpath.org/meetings/ESTP_congress_2012.pdf

- Congress presentation and workshop presentations (members only): Ghent presentations 2013 are now online !
http://www.eurotoxpath.org/members/index.php?id=congress_present

Birgit Kittel
ESTP Journal councilor
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New Rules for ESTP Membership

At the last AGA of the ESTP in Ghent it was decided by the membership that with the beginning of 2014 we will have a reduced membership fee of only 35 € for students and retired members. I think this is a real good decision which will bring in hopefully more young spirits with knowledge on new technologies and which might convince our former members to stay and be actively involved in our Society and share their enormous experience and knowledge.

Matthias Rinke
ESTP Treasurer
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Invitation to join 2015 ESTP Organising Committee

The ESTP is interested to hear from those who may like to join the organising committee of 2015 meeting which will take place in United Kingdom. If you are interested, please contact Aude Roulois between now and 1st of February 2014.

Yours sincerely,

Aude Roulois
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ANNOUNCEMENT

XXI Classic Examples in Toxicologic Pathology

Seminar offered by
**Hannover Graduate School for Veterinary
Pathobiology, Neuroinfectiology, and Translational
Medicine**
Department of Pathology at the University of
Veterinary Medicine in Hannover
&
European Society of Toxicologic Pathology

February 21&22, 2014

Seminar venue:

Department of Pathology, Bünteweg 17, 30559
Hannover

Seminar hours:

Friday, February 21: 1:15 PM – 6:00 PM
Saturday, February 22: 8:15 AM – 1:00 PM

The seminar will be held in English. Examples of toxicologic pathology will be presented and discussed by the participants, who will examine slides using individual microscopes. Sixty slide sets will be provided for a maximum of 120 participants.

Please register as soon as possible, at the latest by January 15, 2014, via the ESTP homepage http://www.eurotoxpath.org/meetings/index.php?id=class_exam2014.

The registration fee is 60 € for members and 80€ for non-members, which should be paid upon registration to the account of the ESTP in Germany:

Commerzbank Loerrach, account number: 2809 705
Bank code: 683 400 58
BIC code: COBADEFF 683
IBAN code: DE66 6834 0058 0280 9705 00

Participation is free for students and employees of the University of Veterinary Medicine, Hannover. Accommodation information can be found on our homepage. For further information, please see below contact details:

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TOPIC	SPEAKERS
GnRH-analogues	Ryo Fukuda Takeda Pharmaceutical Company Ltd.
Azol-fungicides	Maria-Cecilia Rey-Moreno BASF SE
Implant-associated lesions	Klaus Weber Anapath
Local skeletal muscle lesions in piglets	Matthias Rinke Bayer Pharma AG
IGF1-receptor / insulin receptor inhibitors	Sebastien Laurent Boehringer Ingelheim Pharma GmbH & Co. KG
Nephropathy in male rats and association with alpha 2-microglobulin	Björn Jacobsen F. Hoffmann-La Roche Ltd.
SGLT-2 inhibitors	Sandra De Jonghe Janssen
Prolactin and tumour patterns - relevance for man	Hans Harleman PCS-Consult
Skin tumours induced by tobacco tar	Klaus Weber Anapath
IAP activators	Florian Colbatzky Boehringer Ingelheim Pharma GmbH & Co. KG