

ESTP Newsletter 2023 (1)

Editor Amy Narewski

(ESTP contact link: <https://www.eurotoxpath.org/contact.php>)

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calendar 2023	
<u>May 10:</u>	ESTP Early career pathologist lunchbreak meeting
<u>May 15:</u>	9th Joint Webinar ESTP/SFPT/BSTP and ECVS/ESVP: "Pathology-relevant Mass Spectrometry Imaging: label-free detection of biochemical molecules", (online) LINK
<u>May 25-26:</u>	SFPT Annual scientific meeting and General Assembly: mRNA-based technologies: preclinical development and therapeutic applications (Lyon, France) LINK
<u>June 25-28:</u>	STP 42nd Annual Symposium: Toxicologic Pathology of the Hepatobiliary System (Sumerlin, Nevada, USA) LINK
<u>July 11-20:</u>	BSTP Continuous Education Symposium CES8: Nervous System (online) LINK
to be continued on next page

<u>July 17-28:</u>	ECVP/ESVP Summer School in Veterinary Pathology (Cluj-Napoca, Romania) LINK
<u>August 31- September 2:</u>	Joint European Congress of Veterinary Pathology and Clinical Pathology (ESVP/ECVP/ESVCP/ECVCP; Lisbon, Portugal) LINK
<u>September 26:</u>	IATP IATP Satellite Symposium Medical Device Safety Assessment: Pathology and Toxicology Perspectives (Basel, Switzerland) LINK
<u>September 26-29:</u>	20 th European Congress of Toxicologic Pathology: "Emerging Therapeutic Modalities: Gene and Cell Therapies, New Generation Biologics and Targeted Protein Degraders" (Basel, Switzerland) LINK
<u>September 29-30</u>	ESTP 10th ESTP International Expert Workshop Designed to stay yet do no harm: Safety assessment of Long-Acting Injectables and the evaluation of the injection site (Basel, Switzerland) LINK

The ESTP council

Chairwoman:	Silvia Guionaud
Secretary:	Raffaella Capobianco
Vice President:	Lars Mecklenburg
Treasurer:	Kuno Würsch
Past Chairman:	Franck Chanut
Designated Chairwoman:	Vanessa Schumacher
Congress councillor:	Anna-Lena Frisk
Councillor for digital pathology:	Lise Bertrand
Councillor for academia:	Ingo Gerhauser
Councillor for Early Career Pathologists:	Simone Tangermann
Councillor for nomenclature:	Ute Bach
Councillor for electronic communication:	Rupert Kellner
Representative, BSTP:	Zuhal Dincer
Representative, DSTP:	Eveline de Rijk
Representative, HSTP :	György Selenyi
Representative, SFPT and Associate Editor for ESTP, Toxicologic Pathology journal:	Béatrice Gauthier
ESTP/ STP liaison, Scientific and Regulatory standards committee:	Annette Romeike
Chair of the Awards Committee:	Hans Harleman
Chair of the Committee "Pathology 2.0":	Dirk Schaudien
Chair of the "Committee on Clinical Pathology":	Monika Keresztes
Society Admin:	Amy Narewski

President's Column

Dear ESTP members,

I hope you have had a good start of the year. How long ago that already seems! As usual, the ESTP has already sponsored several activities in 2023.

In March, the 30th “Classic Examples in Toxicologic Pathology” meeting was held in Hannover, Germany. As usual, presentations covered a good mix of novel lesions as well as the truly classic ones. Topics ranged from pituitary tumours in rats to testicular dysgenesis, ocular gene therapy, and drug induced human kidney lesions. The meeting attracted 120 participants from 10 countries and included speakers from Europe and the United States. The thirtieth anniversary of the Classic Examples, held face-to face for the first time after the pandemic, was an occasion for celebration, and all participants met for dinner in an atmospheric local restaurant.

Following the Classic Examples, the ESTP council held a face-to-face meeting, where most of our time was spent on an analysis of the ESTP's strengths, weaknesses, opportunities and threats. This analysis feeds into our ongoing work on the Vision and Mission of our society. Mainity Batista Linhares joined us for this exercise as a representative of the Early Career Pathologists network. The meeting (picture below) was extremely productive and at the same time, gave us a chance to spend time together and have some fun. Read more in my article [below](#), and get in touch if you want to get involved in shaping the future of ESTP!

At this point, I would also like to say a huge **Thank You** to all those who are willing to engage in the work of our society, which is such a great resource for the membership and toxicological pathologists around the world. In our daily professional lives, we are constantly asked to do more in less and less time, while facing a barrage of information brought to us via email, messaging and social media. In these stressful times, it is great to see members being interested and contributing. I am e.g., thinking of those who have volunteered to become new editors for our journal, *Toxicologic Pathology*. A strong representation on the editorial board ensures that our members think about publishing, and this in turn strengthens our reach and influence. A big thank you also to those of you who have joined the Digital Pathology group, which is really taking off now!

Already this year, the Pathology 2.0 working group has submitted two papers to Toxicologic Pathology which will be published under the ESTP banner, highlighting the outstanding scientific contributions facilitated by our society. Many thanks to all members of this very active group, and to their co-chairs, Dirk Schaudien and Josep Monne!

The Early Career Pathologist network has had a virtual mentoring event in March, organised by Simone Tangermann. It is hugely rewarding for me to see the engagement and energy of this group.

Looking ahead, there is much to get excited about. [Registration is now open for our annual congress](#) in September! The congress will take place in Basel, Switzerland. The topic is Emerging Therapeutic Modalities, and the

Congress is shaping up to be one of the most relevant and cutting edge this year.

Before that date however we have a number of interesting events in our calendar, the next one being a webinar on mass spectrometry imaging in May. For more details, see the article below.

I am always happy to receive feedback and would like to encourage you to contact me with comments or questions. In the meantime, I hope you are enjoying the first spring sunshine, although temperatures are still low (at least in the south of England) and have a happy and successful second quarter!

Silvia Guionaud
ESTP Chairwoman
silvia.guionaud@guionaudconsulting.com



Early career pathologist network

Dear colleagues,

I would like to draw your attention to the ESTP Early career pathologist network, which was launched in September 2022 at our ESTP congress in Maastricht.

The first face-to-face meeting in Maastricht was followed by two digital meetings, that took place in December 2022 and in March 2023. The next digital meeting will take place on May 10th 2023. More than 50 residents and early career colleagues, approximately half of them working at European universities and the other half in industry, are currently receiving the network invitations and more than 25 colleagues dialed in to each of our digital lunchtime meetings.

At the first digital meeting Silvia Guionaud shared her experience regarding “Restructuring in pharma industry – calamities and opportunities”. Anna-Lena Frisk joined the group for the March meeting and talked about “Changing jobs and European countries, challenges, opportunities and other points to consider”. Both meetings included a lively discussion of the topics and time for networking. The next lunchtime meeting will take place on May 10th 12.30-13.30 CET. Lise Bertrand (ESTP Councilor for digital pathology) will join us and talk about digital pathology and how it influences our work environment. Please contact the ESTP (contact details at top of newsletter), if you are at an early stage of your career and interested in joining the group and please also spread the word among your network.

Best regards

Simone Tangermann

Update

Pathology 2.0 working group

Dear colleagues,

Pathology 2.0 brings together a diverse group of pathologists and non-pathologist scientists that share a common interest in the application, development and impact of classic and emerging technologies used in the field of toxicological and investigative pathology. Under the umbrella of Pathology 2.0 there are 6 different subgroups: 1) Molecular Pathology lead by Dirk Schaudien; 2) Multiplexing lead by Robert Kreutzer; 3) Spatial OMICS lead by Björn Jacobsen; 4) Mass Spectrometry Imaging lead by Enrico Vezzali; 5) AI: how it impacts the life of a pathologist lead by Xavier Palazzi; and 6) Microphysiological systems co-lead by Nadine Stokar (ESTP) and Lindsay Tomlinson (STP). Pathology 2.0 always welcomes new members to join the community and actively participate in the subgroups.

Interesting insights:

- The subgroup “AI: how it impacts the life of a pathologist” submitted a manuscript to the Toxicologic Pathology journal showing the results of a survey distributed on 2021 to the EST-STP-BSTP communities on the use of AI technologies in the field of toxicopathology. The subgroup also committed to a “Points to consider” paper that should follow the publication of the survey results. Having achieved their initial goal, the subgroup will now stop their activities under the umbrella of Pathology 2.0 and it will be integrated as

subgroup into the Digital Pathology committee led by Lise Bertrand.

- The “Molecular Pathology” subgroup submitted a review manuscript on *in situ* hybridization technique to the Toxicologic Pathology journal. The work was well-received by the editors and reviewers, and it is now under reviewing process. The subgroup is now discussing the next milestone for the coming months. For those interested in this topic it is now a good time to join the subgroup!
- The “Mass Spectrometry Imaging” subgroup will present a webinar with the title "*Toxicologic pathology-relevant mass spectrometry label-free detection of biochemical molecules*". The webinar is organized in May 2023 by the ESTP webinar committee.
- The subgroups “Spatial OMICS”, “Multiplexing” and “Mass Spectrometry Imaging” are working together on a review manuscript of spatial omics technologies. The effort is led by the “Spatial omics” subgroup with the aim of submitting the work to the Toxicologic Pathology journal during the second half of 2023.
- Pathology 2.0 has built links with the STP counterpart “Molecular Pathology Special Interest Group (MP-SIG)” to coordinate activities, avoid duplications and increase synergies between the two groups.

20th European Congress of Toxicologic

Pathology

The ESTP has the privilege to invite you to the 20th European Congress of Toxicologic Pathology on “**Emerging Therapeutic Modalities: Gene and Cell Therapies, New Generation Biologics and Targeted Protein Degraders**” which will be held in **Basel, Switzerland**, and will take place from **26th - 29th of September 2023**. It will be accompanied by two highly-recommendable side events: The IATP Satellite Symposium on "Medical Device Safety Assessment: Pathology and Toxicology Perspectives" and the 10th ESTP International Expert Workshop on "Designed to stay yet do no harm: Safety assessment of Long-Acting Injectables and the evaluation of the injection site".

On behalf of the ESTP SOC it is our pleasure to announce that the online registration is open. Please go to the congress webpage where you also see information and the link to the abstract submission form. Very soon we will announce the final program and, in the meantime, we have provided the preliminary scientific program for you.

congress webpage: https://www.esvp-ecvp-estp-congress.eu/estp_congress

abstract submission form: https://www.esvp-ecvp-estp-congress.eu/estp_congress/abstracts

preliminary scientific program:

https://www.esvp-ecvp-estp-congress.eu/estp_congress/program

The early bird registration is open until June 20th. Please note that the deadline for abstract submission, posters and case presentations is May 15th.

We are looking forward to meeting you in Basel!

On behalf of the Scientific and Local Organizing Committee,

Kuno Würsch,
Enrico Vezzali
and Josep Monne

SFPT Best Poster Award

For more than 10 years, the French Society of Toxicologic Pathology (SFPT) has been happy to grant a best poster award every year at the ESTP annual congress.

The jury will be composed of 3-4 volunteers (members and non-members of the SFPT) and

coordinated with transparency and enthusiasm this year again by Céline Thuilliez. The scientific quality but also clarity and format will be considered, and the winner will receive a 1000 € prize and a diploma.

9th Joint Webinar

“Pathology-relevant Mass Spectrometry Imaging: label-free detection of biochemical molecules”

The webinar committee likes to invite you all to attend the 9th Joint Webinar of the ESTP/SFPT/BSTP and ECVP/ESVP, Monday May 15, 2023.

“Pathology-relevant Mass Spectrometry Imaging: label-free detection of biochemical molecules”. This webinar is being presented by members of the Pathology 2.0 working group of the ESTP (Josep Monne, Marjolein van Heerden, Thomas Lemarchand, Celine Thuilliez, Rob Vreeken, Andrew Smith, Fernando Romero Palomo, Seong-Wook Yun, Bhanu Singh, Barbara Lenz, Enrico Vezzali, Michael Becker).

The joint webinars in 2022 were well attended with over 200 participants.

These webinars are free of charge and will qualify for CE certification.

The CE registration for participants needs to be requested via the feedback form.

We look forward to your participation

Hans Harleman

For the webinar committee

Anna-lena Frisk (ESTP)

Flavia Pasello dos Santos (SFPT)

Francesca Franzoso (ECVP)

Jerome Abadie (ESVP)

Matthias Rinke (ESTP/IATP)

Pierre Maliver (ECVP)

Rita Deuchande (BSTP)

PROGRAM

- Technologies overview
- Practical examples and cases
- The pathologist in MSI
- Implementation of MSI in drug discovery and toxicology
- Discussion with Q&A session

*Sponsored by the ESTP, SFPT, BSTP and NVT

Link for registration:

<https://events.teams.microsoft.com/event/b0edeab5-dbea-423f-b136-57fe3273f3d1@b242baa4-9b02-46d7-ac63-deecf8a5d5f8>

2023 ESTP Publication Award – Call for Papers or Theses

Dear Colleagues,

The European Society of Toxicologic Pathology was founded in 2002 to promote the importance of toxicologic pathology as an independent, specialized area in Europe. To honor advancements in this field, impactful publications (either theses or papers) are annually awarded by the ESTP. We ask for nominations of impactful Theses or Publications in the field of toxicological pathology that were

published throughout 2022 - 2023. Applications for the award will be evaluated by the ESTP award committee, and the best thesis/paper will be honored with 1.500 Euros. The award for this year will be presented at the 2023 ESTP annual meeting in Basel, Switzerland, September 26-29, 2023. It is mandatory that the recipient attends the awards ceremony. The admission fee for this meeting will be waived. The recipient will be notified in July.

The deadline for submission will be June 1st, 2023.

Please contact us via the contact form on the ESTP website (Link at top of newsletter).

Hans Harleman

For the award committee

Heike Marxfeld

Lars Mecklenburg

Matthias Rinke

Thomas Nolte

Régis Masson

March 2023 Face-to-Face Meeting of the ESTP Council in Hannover, Germany

The ESTP council aims to meet twice every year in person and take some time to work on specific topics. This is really useful to be able to kick some ideas around and discuss things in detail, especially for big topics. Our monthly telecons are usually taken up by the day-to-day issues and don't allow for this depth of discussion.

Luckily most of us could make the meeting, and there were only four participants online and very few absences. The main point of our meeting this spring was a SWOT analysis (for strengths,

weaknesses, opportunities and threats), which is intended to improve the alignment of society activities with its goals and ensure it prepares for future changes. Mainity Batista Linhares joined us for this activity as a representative of the Early Careers Pathologist network (Thanks Mainity!).

Strengths	Weaknesses
<ul style="list-style-type: none"> Classical Examples course, congresses, high scientific level 	<ul style="list-style-type: none"> Lack in communication with other societies, e.g. regarding best practices and regulatory response papers, alignment concerning congress topics etc. - AT ALL LEVELS OF SOCIETY
<ul style="list-style-type: none"> International, multicultural, eurocentric 	<ul style="list-style-type: none"> Potentially regarded as "junior partner" by STP
<ul style="list-style-type: none"> Professional admin report 	<ul style="list-style-type: none"> Constant leadership- more diversity would be enriching
<ul style="list-style-type: none"> Close-knit community, committed 	<ul style="list-style-type: none"> Little interaction with health authorities
<ul style="list-style-type: none"> Interaction with residents e.g. through educational modules 	<ul style="list-style-type: none"> Advertising WHAT we do and WHY more self-promotion to pathologists and industry management
<ul style="list-style-type: none"> Largest society in Europe- influence, weight 	<ul style="list-style-type: none"> Little leadership on the international stage (self promotion)
<ul style="list-style-type: none"> Expert Workshops give opportunity for discussion 	<ul style="list-style-type: none"> "invisible" membership- no feedback
<ul style="list-style-type: none"> Close relationship with RITA and INHAND 	<ul style="list-style-type: none"> Lots of education events but disconnected
<ul style="list-style-type: none"> Affordable membership fees 	<ul style="list-style-type: none"> Need to reach out to residents more
<ul style="list-style-type: none"> Scientific network 	<ul style="list-style-type: none"> Communication (social media and website)
<ul style="list-style-type: none"> Experienced congress organizers 	



contribution of the society. The third workstream finally will order the topics according to when they could/ should be tackled.

This is an opportunity to shape the ESTP of the future and decide in a tangible way what we will be working on. Watch out for LinkedIn posts and an email with a call to action! I would be delighted to hear from you!

For the ESTP council,
Silvia Guionaud

We formed four groups, two of which worked on one pair of topics (S-W or O-T) in breakout groups. This was followed by a comparison of our notes and discussion. Many themes that came up were well known, e.g. the decreasing number of pathologists, but there were also a number of surprises. One surprise, at least for me, was a point that came up both as a strength and a weakness: the continuity in the ESTP council! You can find a first output of our musings above.

While this is a great start, we now need to structure our ideas and translate them into an action plan. For this purpose, we have created three working groups. One is going to order the topics (I don't want to call them "problems") by impact and urgency. A second group will group them by their relationships- e.g. communication is related to engaging our members, outreach to academia is related to the educational