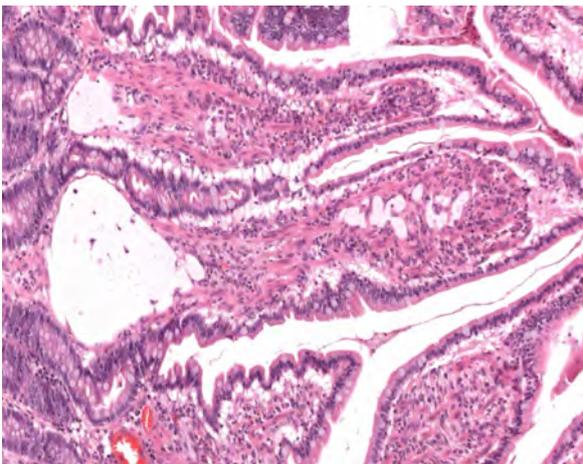
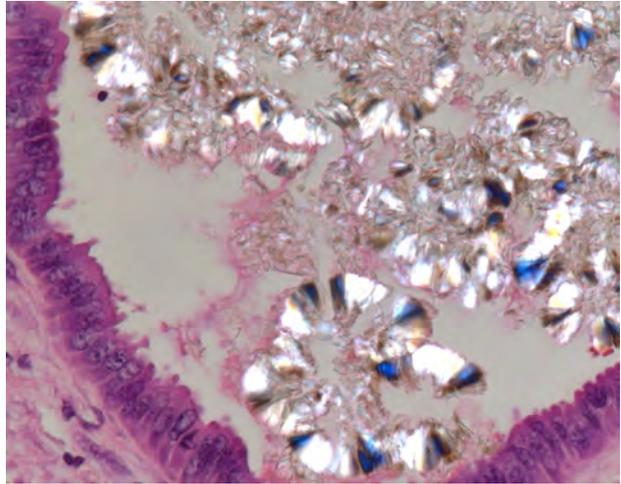
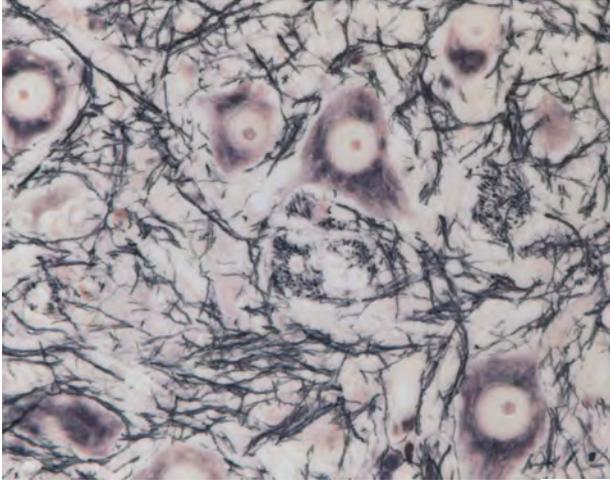


# BSTP - CPD



## BACKGROUND

For nearly 34 years, the British Society of Toxicological Pathology (BSTP) has been committed to providing high quality educational opportunities for its members and other scientists working in the field of toxicological and experimental pathology.

The main focus of the BSTP is the organisation of Continuing Education Symposia (CES) which offer high quality CPD opportunities for toxicological and discovery pathologists (and other scientists working with animal models), clinical pathologists and toxicologists as well as non-clinical regulatory scientists.

The BSTP also hold an Annual Scientific Meeting, which in recent years has been a collaborative event with other societies. In addition to providing CPD opportunities, these meetings provide a unique opportunity for interaction and networking between scientists from a wide range of disciplines.

We hope that by attending any of our events, not only will you gain knowledge invaluable to you in the workplace, but you will have opportunities to develop useful contacts from inside and outside your chosen discipline.

### ***Educational events held since 2015:***

- BSTP/Wellcome Trust - Mouse Models of Disease
- Image Analysis Workshop
- BTS/BSTP Symposium - Cancer Pathology
- CES 5 - Reproductive System
- CES 6 - Nervous System
- LAVA/BSTP Joint meeting - Infectious Diseases of Rodents and Rabbits
- Annual Scientific Meeting held jointly with the Association of Inhalation Toxicologists
- CES 7 - Urinary System
- CES 8 - Digestive System
- CES 9 - Cardiovascular System
- Annual Scientific Meeting - Pathology and toxicity of biologics and biotherapeutics
- CES 10 - Endocrine System
- CES 11 - Lymphoid & Haematopoietic Systems
- CES 12 - Musculoskeletal System, Skin & Mammary Gland
- Annual Scientific Meeting - Pathology of Mouse Models of Disease
- CES 1 – Toxicology and Pathology
- CES 2 – Liver

## BSTP CPD – from 2019 onwards



### **Top speakers**

All our speakers are recognised experts in their fields who will be happy to share their expertise with you.



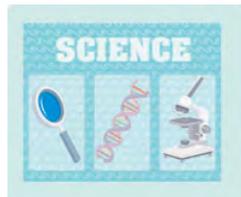
### **Great Savings**

Members of the BSTP have access to a saving of over 10% discount from the non-member fee with a 50% discount for trainees and early career pathologists.



### **Early Bird Booking**

Additional savings for bookings made more than 4 weeks in advance of the event.



### **Continuing Professional Development (CPD)**

All events organised by the BSTP will provide an opportunity for CPD credits, with the number of hours of educational activity recorded on Attendance Certificates. For delegates who wish to self-accredit for CPD, proof of attendance should be retained for this purpose.

Where possible the BSTP will also apply for approval by the Royal Society of Biology for the purposes of CPD.

19th & 20th November 2019



**The 34th Annual Scientific Meeting of the British Society of Toxicological Pathology (BSTP) held jointly with the British Toxicology Society (BTS)**

### **Emergent epigenetic therapies**

**Tuesday 19th & Wednesday 20th November 2019**

**Hilton Newcastle and Gateshead Hotel, Bottle Bank, Gateshead, UK**

Recently we have seen an explosion of discoveries related to the cellular regulation of phenotypes through epigenetic mechanisms. As epigenetic changes are reversible, this offers the potential for epigenetic therapies based on cellular reprogramming (e.g. cancer, neuro degenerative disease), with further opportunities in the detection of microRNAs (e.g. blood, exhaled air) and their use as diagnostic tools.

The first day of the meeting will include the Annual General Meeting of the BSTP, followed by a drinks and canap  reception.

### **Submission of Abstracts for the BSTP/BTS meeting on Emergent Epigenetic Therapies**

- Abstracts should be submitted using the online system.
- Abstracts should be no more than 500 words in total, to include references.
- Abstracts will be printed in black and white.

### **Bursaries**

Five free places will be available for PhD students/residents working in the field of toxicology or toxicologic pathology. Applications to be submitted to the BSTP Secretariat by the 30th August 2019 for approval by a representative of the BSTP and BTS. The five approved applicants will be required to present a poster at the meeting and provide an article on the meeting (or their own research) to both societies for publication in their respective newsletters.

### **Sponsorship and Promotional Opportunities**

We feel that by participating in this conference it would allow your company to showcase a range of products to a diverse group of toxicologists and toxicological/experimental pathologists. Please contact the BSTP at [bstpoffice@aol.com](mailto:bstpoffice@aol.com) more information.

**Registration is open**, to reserve a place please contact the BSTP Secretariat – [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

For more information, including the submission of abstracts and bursaries and details about sponsorship or promotional opportunities visit:

<http://www.bstp.org.uk/events/34th-annual-scientific-meeting-agm-held-jointly-with-the-bts/>

**Registered Charity No: 1043793**

**August 2019**

**24th – 26th March 2020**

### **CES 3: Carcinogenesis**

**24th – 26th March 2020**

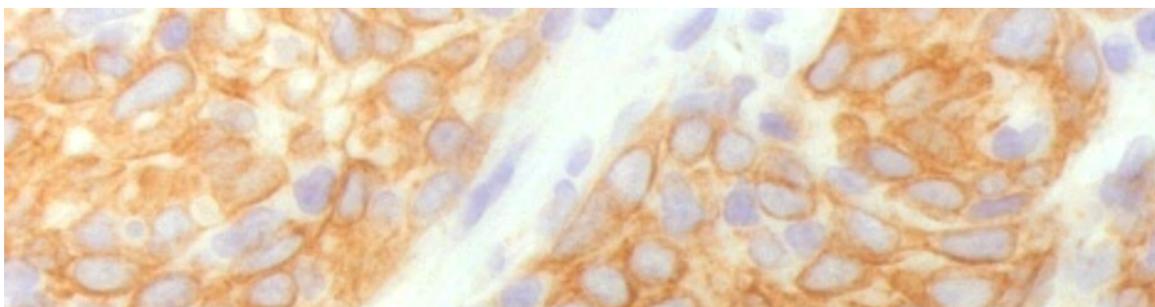
**University of Cambridge, Cambridge, UK**

*Approximately 17 hours of educational activity will be recorded on the Attendance Certificates  
Royal Society of Biology CPD credits will be applied for*

**Registration for this symposium will open in December 2019**

The aim of the Continuing Education Symposium series is to provide an interactive environment to enhance your knowledge in the field of toxicological, discovery, clinical, experimental or veterinary pathology. The Continuing Education Symposia are designed to refresh participants' knowledge and understanding of core principles, as well as discuss any important recent advances.

This Continuing Education Symposium will provide an intermediate level overview on carcinogenesis and the challenges with current research models. Topics to be covered include (but are not limited to): How to understand the relevance/future of rodent 104 week studies; how to interpret carcinogenicity data in the risk assessment of novel chemicals and pharmaceuticals; familiarisation with the latest molecular techniques used in the research and exploration of carcinogenesis; how to differentiate spontaneous from test article-related lesions and tumours and, follow real-world case studies to refine your skills and knowledge around regulatory authority.



The format will include presentations, case histories and active participation of delegates. The Continuing Education Symposium will be of 3 days duration and the programme will be arranged such that each individual day can be attended as stand-alone CPD if desired.

To reserve a place or if you would like further information about this symposium, please contact the BSTP Secretariat – [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

Keep checking the website for more information:

<http://www.bstp.org.uk/events/ces-3-carcinogenesis/>

**Registered Charity No: 1043793**

**August 2019**

**14th – 16th July 2020**

## **CES 4: Respiratory System**

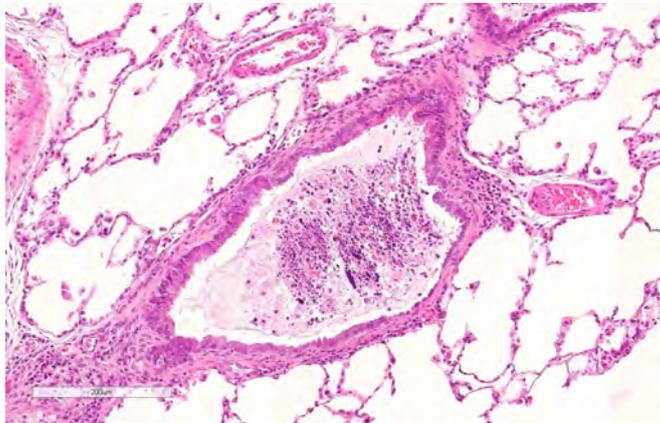
**14th – 16th July 2020**

**University of Cambridge, Cambridge, UK**

*Approximately 17 hours of educational activity will be recorded on the Attendance Certificates  
Royal Society of Biology CPD credits will be applied for.*

**Registration for this symposium will open in February/March 2020**

The aim of the Continuing Education Symposium series is to provide an interactive environment to enhance your knowledge in the field of toxicological, discovery, clinical, experimental or veterinary pathology. The Continuing Education Symposia are designed to refresh participants' knowledge and understanding of core principles, as well as discuss any important recent advances.



This Continuing Education Symposium will provide an overview of the respiratory system including INHAND, rodent and non-rodent respiratory pathology, toxicology and risk assessment as well as reviewing challenges in agrochemical safety assessment.

The format will include presentations, case histories and active participation of delegates. The Continuing Education Symposium will be of 3 days duration and the programme will be arranged such that each individual day can be attended as stand-alone CPD if desired.

To reserve a place or if you would like further information about this symposium, please contact the BSTP Secretariat – [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

Keep checking the website for more information:

<http://www.bstp.org.uk/events/ces-4-respiratory-system/>



**Registered Charity No: 1043793**

**August 2019**

# OTHER BSTP EVENTS

Here are 7 reasons why you should attend events organised by the BSTP:

*Meet the speakers face to face and benefit from their experience*

*Networking opportunities with your peers*

*Learning in a new space to increase your knowledge on the subject matter*

*Break out of your comfort zone to learn something new*

*Invest in yourself to improve your employment opportunities*

*Increased knowledge will help when sitting examinations*

*The topics covered in these events are unlikely to be repeated*

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**Future BSTP events are due to take place in:**

10th September 2019	BSTP/STP Webinar
19th & 20th November 2019	34th Annual Scientific Meeting (& AGM) – Emergent epigenetic therapies
24th – 26th March 2020	CES 3 - Carcinogenesis
14th – 16th July 2020	CES 4 - Respiratory System
November 2020	35th Annual Scientific Meeting & AGM
March/April 2021	CES 5 - Male Reproductive System
July 2021	CES 6 - Female Reproductive System
November 2021	36th Annual Scientific Meeting & AGM
March/April 2022	CES 7 - Infectious diseases in laboratory animals
July 2022	CES 8 - Nervous System
November 2022	37th Annual Scientific Meeting & AGM
March/April 2023	CES 9 - Urinary System
July 2023	CES 10 - Digestive System
November 2023	38th Annual Scientific Meeting & AGM
March/April 2024	CES 11 - Cardiovascular System
July 2024	CES 12 - Endocrine System
November 2024	39th Annual Scientific Meeting & AGM
March/April 2025	CES 13 - Urinary System
July 2025	CES 14 - Lymphoid & Haematopoietic Systems
November 2025	40th Annual Scientific Meeting & AGM
March/April 2026	CES 15 - Musculoskeletal System & Skin

The order of the CES will depend on the availability of high-quality speakers who are world experts in their particular field to present at the relevant meeting.

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If you would like to receive information on any of these events as soon as the information becomes available, you need to make sure that the BSTP have your contact details on the mailing list.

You can withdraw your consent to receive communications from the BSTP at any time, by means of a written/emailed request for removal from the database.

Although the BSTP is in contact with similar organisations in Europe and the USA it is the policy of the BSTP **NOT** to pass on details of our mailing list.

The BSTP's Data Protection Policy can be found at <http://www.bstp.org.uk/governance/>

**Registered Charity No: 1043793**

**August 2019**

## EPSR

The Experimental Pathology Slide Review (EPSR) is an initiative set up by the BSTP in 1991. Today the BSTP has an impressive archive of interesting pathology lesions from many species, including spontaneous conditions, animal models of disease, findings from toxicity studies as well as tumours and infectious agents.

EPSR members are drawn from pharmaceutical companies, contract research organisations, university pathology departments, and commercial diagnostic labs situated in Europe, the USA and Japan. Members are invited to submit interesting pathology lesions from any species, to include spontaneous conditions, animal models of disease, findings from toxicity studies as well as tumours and infectious agents.

The submitted material is collated by the EPSR co-ordinator and an invited panel of pathologists from the contributing organisations review the slides and comment on the nature of the lesions present.

In the past, 1 - 2 panel meetings took place per year around a multi-headed microscope, and the EPSR co-ordinator summarised the findings of the panel which were then distributed to the EPSR members along with a set of glass slides containing all the cases discussed. Over 34 panel discussions have taken place dating back from 1991, providing a rich and varied resource for pathologists of all levels of experience.

With the assistance of Covance Laboratories, all 785 slides from the EPSR archive are now **freely available online** to BSTP members.



The digital scans are available in Aperio SVS file format, viewable in ImageScope which is available as a free download from the [Leica website](#).

This is an initiative that has taken a lot of hard work with the aim that it will benefit all our members as well as enhancing future Webinars, Continuing Education Symposia and Annual Scientific Meetings, where we can also make use of this facility to share scanned slides. New cases for future use are always very welcome so if you have any interesting or unusual lesions or cases please consider sharing them with the BSTP.

Contact the BSTP Secretariat for further information – [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

# BSTP/STP WEBINARS



In conjunction with the STP, the BSTP have organised four webinars:

A **first Experimental Pathology Slide Review** discussed cases of spontaneous and induced changes in laboratory animals provided by the University of Nottingham School of Veterinary Medicine and Science, AstraZeneca, Envigo and Charles River Laboratories.

The **second case webinar** focused on spontaneous findings of the endocrine system with an extra case of a spontaneous urinary bladder finding.

The **third webinar** was a keynote lecture from the very popular CES 11: Lymphoid and Hematopoietic System - Immuno-Oncology, Checkpoint Inhibitors and Beyond.

The **fourth webinar** took place in September 2018 with 2 cases:

Intestinal & Adrenal Changes in an Oral TK / Tolerability Study  
An Unusual Finding in the Nose of a Humanized NSG rodent

BSTP members can access a recording of this webinar, by logging on to the MEMBERS ONLY area of the BSTP website and view the WEBINARS page.



The next webinar is due to take place on Tuesday 10th September 2019.

Registration to take part in the webinar is free with the dial in details provided one week before.

For confidentiality reasons if you are not a member of the BSTP or other recognized pathology societies but are a veterinary student or resident, or an early career pathologist you are required to provide written confirmation of your status from your Head of Department (on headed paper) before you are sent the dial in information.

For more information, please contact the BSTP Secretariat - [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

# BSTP Journal – Toxicologic Pathology

**Toxicologic Pathology** is the journal of the BSTP. Members can choose to have a paper copy and online access to the journal or online access only. Subscribing members also have access the online archive of the journal.

Print and Online Access - £100.00 (in addition to the BSTP membership fee)

Online Access only - £55.00 (in addition to the BSTP membership fee)



**Toxicologic Pathology** is dedicated to the promotion of human health through the dissemination of knowledge, techniques, and guidelines to enhance the understanding and practice of toxicologic pathology. The journal publishes timely high-quality, original research articles that integrate the pathophysiologic effects of exposure to xenobiotics and other toxicants on organisms and organ systems. Articles include both pathology and toxicology and focus on morphological, functional, biochemical, and/or biomarker changes to better understand the pathophysiologic mechanisms of toxicants *in vivo* and *in vitro*. **Toxicologic Pathology** also publishes timely in-depth current topic review papers, symposia papers, brief communications, best practice articles for scientific and regulatory processes, position papers on current regulatory issues, and fast-track articles. This journal is a member of the Committee on Publication Ethics (COPE). Average time from submission to first decision: 21 days

For further information regarding the journal, please contact the BSTP Secretariat – [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

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## TRAINEE OPPORTUNITIES

In addition to reduced registration fees for individuals working within an “**early career**” environment, the BSTP are able to offer one **free** place on each of the Continuing Education Symposiums (CES).

Applicants are invited from interested members and non-members of the BSTP. The awarding of funding will be at the discretion of the BSTP Council. Priority will be given to individuals working within an “**early career**” environment, for example, stipendiary students/researchers studying/working within a relevant scientific field, veterinary pathology residents and professional trainee pathologists working towards a professional qualification or gaining more experience within the field of toxicological pathology.

Also, if the successful candidate is not already a member of the BSTP, they will also receive up to 12 months **free** membership of BSTP worth £60.

For the 34th Annual Scientific Meeting of the BSTP held jointly with the BTS, five free places will be available, plus there are reduced registration fees for individuals working within an “**early career**” environment and BSTP/BTS student members.



For other meetings (including joint meetings) organised by the BSTP, a bursary of up to £250 to help towards the cost of travel and accommodation is available. In addition, if the successful candidate(s) is not already a member of the BSTP, they will receive up to 12 months **free** membership of the BSTP, worth £60.

Applications are welcome at any time from interested members and non-members of the BSTP. The awarding of funding will be at the discretion of the BSTP Council. Priority will be given to individuals working within an “**early career**” environment, for example, stipendiary students/researchers studying/working within a relevant scientific field, veterinary pathology residents and professional trainee pathologists working towards a professional qualification or gaining more experience within the field of toxicological pathology.

Further information is available from the BSTP Secretariat – [bstpoffice@aol.com](mailto:bstpoffice@aol.com) or on the BSTP website - <http://www.bstp.org.uk/funding-opportunities/>

Contact the BSTP Secretariat for further information – [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

# BSTP MEMBERSHIP



The BSTP has a single category of “Ordinary Membership”.

In the constitution Ordinary Membership will mean:

“Individuals applying for Ordinary Membership should normally be actively engaged in toxicological or experimental pathology and their experience and training must be acceptable to Council. Also, individuals who are recognised by Council to have an active interest in or are actively supporting toxicological and experimental pathology, and whose experience and training are acceptable to Council, may apply for Ordinary Membership of the Society. Application when submitted should include a curriculum vitae and any other relevant supporting material together with supporting letters from two Members of the Society. *Ordinary Members shall have all the privileges of Membership, including the right to vote and hold office, and they shall pay an annual fee of £60.*”

## **Benefits of membership**

- Preferential rates for attendance at Continuing Education Symposiums and meetings organised by the BSTP.
- Opportunity to comment on guidance documents etc., before they are implemented.
- Networking with other pathologists in the field.
- Access to the Member’s Only area of the website with more content.
- Access to the Experimental Pathology Slide Review (EPSR)
- News and events reports.
- Subscription to Toxicologic Pathology at reduced rates
- As a member of the BSTP you can take advantage of a 50% reduced rate on Royal Society of Biology membership for the first two years, enabling you to take advantage of a range of additional benefits, including the Continuing Professional Development programme and the professional awards.
- Access to webinars organised by the STP and BSTP free of charge.

For details of emeritus membership, please contact the BSTP Secretariat – [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

Visit <http://www.bstp.org.uk/membership-page/>  
for a **MEMBERSHIP APPLICATION FORM**

## BSTP WEBSITE/LINKEDIN



Visit the website of the British Society of Toxicological Pathology:

<http://www.bstp.org.uk/>

The aim of the BSTP is to advance all aspects of toxicologic and experimental pathology for pathologists, toxicologists and bioscientists through training programmes and continuing educational symposia so as to enable professional development, competence and guidance for new trainees and experienced members alike.

Through the website you will find information about all of the Society's activities in Education, Continuing Professional Development and interaction with Regulatory Agencies, as well as links to our various Sister Societies and other partners.

Recent news includes:

- [Davis-Thompson Foundation](#)
- [EMA communications](#)
- [BSTP - Ocular Pathology and Drug Development](#)
- [BSTP – Call for Papers for the next special issue of Toxicologic Pathology Journal](#)

For members of the Society we also have a members-only section containing additional information.

If you have any comments about the website or ideas for new content, please contact our webmaster through the BSTP Secretariat– [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

**You can also join our group on LinkedIn –**

**[British Society of Toxicological Pathology](#)**

If you would like to join our group on LinkedIn, please contact the BSTP Secretariat– [bstpoffice@aol.com](mailto:bstpoffice@aol.com)



## British Society of Toxicological Pathology

Summer 2019

Newsletter



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**Editor:** Aleks Zalewska

Comments and suggestions for items and improving this newsletter are always welcome.

Please email me directly at [aleksandra.zalewska@idorsia.com](mailto:aleksandra.zalewska@idorsia.com) or via the BSTP Secretariat [bstpoffice@aol.com](mailto:bstpoffice@aol.com)

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## Message from the President – *Begonya Garcia*

Dear colleagues,

Summer is already upon us and I hope you have all had a good year so far.

Over the past few months the BSTP council have been working on the goals we announced at our AGM in 2018. Amongst these we thought that the membership would benefit from the formation of a digital strategy committee charged with keeping us updated of new developments and promote workshops and education in this fast-growing field. I am delighted to inform you that this committee is up and running and led by BSTP member Jon Carter, who established the EPSR digital database that the BSTP offers to its membership. I personally think this database is a very valuable asset and Jon is well positioned to lead the group in the area of digital pathology.

The other main goal of the BSTP was to enhance its role in the training of junior pathologists and the promotion of toxicological pathology as a potential career path. This is especially relevant in the current working environment with the retirement of senior colleagues and a shortage of junior pathologists joining industry resulting in delays in filling vacancies. The BSTP is actively engaging with veterinary schools to promote awareness of our career as a choice. In an effort to outreach younger generation before they start at university the BSTP is starting to be present in other events that promote pathology as a career choice among high school students and undergraduates. You will find a description of the latest event attended by our junior vice president Liz McInnes in this newsletter.

The shortage of new talent appears to be an issue in many countries and in an effort to understand this issue better the BSTP will be collaborating with other toxicologic pathology societies to conduct a global survey on pathologists working in the industry.

A related change that the society is undertaking this year is the reduction of our educational modules from 3 to 2 per year. The decrease in pathologists entering industry has considerably reduced the number of people attending the whole cycle of modules. However, on a positive note, we continue to receive very positive feedback from the attendees and the reduced number of participants has meant it has been easier to address individual concerns.

## CONTACT DETAILS



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**Website: [www.bstp.org.uk](http://www.bstp.org.uk)**

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**[British Society of Toxicological Pathology](#)**

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