



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

EPIGENETICS IN TOXICOLOGY AND PATHOLOGY

**Tuesday 19th & Wednesday 20th November 2019
Hilton Newcastle and Gateshead Hotel, Bottle Bank, Gateshead, UK**

United by seven bridges across a spectacular riverscape, Newcastle (a city on the north bank of the River Tyne) and Gateshead (a town on the south bank) form a single, diverse and extremely vibrant visitor destination. The Hilton hotel in Gateshead is located on the scenic south shore of the Quayside overlooking the River Tyne with views over Quayside. The hotel is about 20 minutes from Newcastle Airport and approximately a 10-minute walk from Newcastle Railway Station and City Centre via the high-level bridge!



BURSARY OPPORTUNITIES

Approximately 11.5 hours of educational activity will be recorded on Attendance Certificates
Approved by the Royal Society of Biology for purposes of CPD, this event may be counted as 36 credits

If you have any queries regarding this meeting, please contact the BSTP Secretariat -
bstpoffice@aol.com or visit the BSTP website:

<http://www.bstp.org.uk/bstp-bts-joint-meeting/>

The BSTP's 34th Annual Scientific Meeting will, this year, be held jointly with the British Toxicology Society (BTS) and will cover the topic of **EPIGENETICS IN TOXICOLOGY AND PATHOLOGY**

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.

Bursaries

The BSTP and BTS are delighted to announce that there are still free places available for stipendiary students studying a relevant pathology or toxicology project, or pathology and/or toxicology residents/trainees/early career pathologists/toxicologists. **Applications to be submitted by midnight on 13th October 2019 to the BSTP President – Begonya Garcia - begonya.garcia@crl.com for approval by a representative of the BSTP and BTS.** The five approved applicants will be required to provide a short article on the meeting (or their own research) to both societies for publication in their respective newsletters or present a poster at the meeting.

In addition (if not already a member of the BSTP), successful candidates will be invited to join the society and will receive a year's free membership of the BSTP worth £60.

Applications will be assessed by representatives from the BSTP and BTS on merit.

Successful applicants will be notified before **20th October 2019**.

To apply, please include:

A brief description of the relevance of the meeting to your training or career requirements and provide the following information:

- a. A brief CV.
- b. A letter of recommendation from your supervisor or Head of Department.
- c. Up to 3 suggestions for future educational activities/topics that would be helpful to your training in toxicological pathology or toxicology.
- d. If not already a member of the BSTP, request and complete an application form for membership of the BSTP to enable you to access a year's free membership (worth £60).
- e. If required, an abstract of your poster
- f. After the meeting has taken place, an article on the meeting (or your own research) should be sent to both societies for publication in their newsletters.

Submission of Abstracts

- 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.

For more details please visit:

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

Programme

Approximately 11.5 hours of educational activity will be recorded on Attendance Certificates Approved by the Royal Society of Biology for purposes of CPD, this event may be counted as 36 credits

Tuesday 19th November 2019	
08.30 - 09.30	Registration
08.30 - 09.00	Committee Meeting of the BSTP and BTS Scientific Committee
09.30 - 09.45	Welcome Introduction <i>Dr Begonya Garcia, President of the BSTP</i>
09.45 - 10.30	Getting up close and personal with epigenetics in health and disease <i>Professor Ann Daly, Newcastle University, UK</i>
10.30 - 11.00	Refreshments and Poster Exhibition
11.00 - 11.45	The epigenome as a mediator of environmental effects on development and implications in disease development <i>Professor Richard Meehan, University of Edinburgh, UK</i>
11.45 - 12.30	Environmentally induced epigenetic toxicity <i>Dr Emma Marczyklo, Public Health England, UK</i>
12.30 - 13.00	Technology on the Pitch <i>Complimentary "elevator pitch" from the Trade Exhibitors</i>
13.00 - 13.45	Lunch and Poster Exhibition
13.45 - 14.30	Epigenetic transgenerational effects promoted by toxicants <i>Dr Fatima Smagulova, Research Institute for Environmental and Occupational Health, France</i>
14.30 - 15.15	Genomic imprinting, developmental reprogramming and adverse effects of early life environments <i>Dr Robert Feil, IGMM, France</i>
15.15 - 15.30	Short Oral Communication <i>To be confirmed</i>
15.30 - 16.00	Refreshments and Poster Exhibition
16.00 - 17.00	Epigenetic effects of endocrine disrupting chemicals: Mechanisms, evaluation and pathologies <i>Dr Joëlle Rüegg, Uppsala University, Sweden</i>
17.00 - 18.00	BSTP Annual General Meeting
18.00 onwards	Drinks and Canapé Reception

You are advised that the programme timings, lecture title and speakers may be subject to change without notice

Programme

Wednesday 20th November 2019	
08.30 - 09.00	Registration and Poster Exhibition
09.00 - 09.15	Introduction to Day 2 <i>Dr Chris Powell, President of the BTS - tbc</i>
09.15 - 10.00	Epigenetic modifications and cancer <i>Dr María Berdasco</i> <i>Josep Carreras Leukaemia Research Institute (IJC), Barcelona, Spain</i>
10.00 - 10.45	Epigenetic acetylation and disease pathologies: More than just histones! <i>Professor Patrick Matthias, FMI, Switzerland</i>
10.45 - 11.15	Refreshments and Poster Exhibition
11.15 - 12.00	Epigenetic mechanisms in cognitive impairment linked to aging and Alzheimer's disease <i>Dr Christian Griñán-Ferré, University of Barcelona, Spain</i>
12.00 - 13.00	Epigenetics and liver fibrosis <i>Professor Jelena Mann, Newcastle University, UK</i>
13.00 - 13.45	Lunch and Poster Exhibition
13.45 - 14.45	Importance of investigating epigenetic alterations for industry and regulators <i>Dr Remi Terranova, Novartis, Switzerland</i>
14.45 - 15.30	Pre-clinical development of epigenetic therapies: drugging bromodomains <i>Dr Inma Rioja Pastor, GlaxoSmithKline, UK</i>
15.30 - 16.00	Refreshments and Poster Exhibition
16.00 - 16.30	Epigenomics - Pathology Case Study: Characterizing preclinical <i>in vivo</i> safety toxicology profile of BET inhibitors <i>Dr Thierry Flandre, Novartis, Switzerland</i>
16.30 - 17.00	Roundtable discussion Emergent epigenetic therapies and toxicity: Pathological landscape? <i>Chairs: To be confirmed</i>
17.00	Closing Remarks

You are advised that the programme timings, lecture title and speakers may be subject to change without notice

Privacy Policy - Whether your bursary application is successful or not, the BSTP and BTS would like to keep in contact you so that you are aware of future events organised by both societies and with your permission would like to keep your details on our communications database.

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

<https://www.thebts.org/privacy-policy/>

Please read the privacy policy information on the BSTP and BTS websites and indicating your preference, copy the section below into an emailed response (to the BSTP Secretariat) when sending your application.

BSTP and BTS Privacy Policy

Name:

The British Society of Toxicological Pathology and the British Toxicology Society may from time to time wish contact you to inform you of future events and services and with your permission would like to keep your details on our communications database. We would be grateful if you would indicate your preference by highlighting one of the options below:

I wish to receive communications from the BSTP and BTS

I do not wish to receive communications from the BSTP and BTS

I wish to receive communications from the BSTP only

I wish to receive communications from the BTS only

I understand that I can withdraw my consent to receive communications from the BSTP and/or the BTS at any time, by means of a written/emailed request for removal from the relevant database.

For more information, please contact the BSTP Secretariat – bstpoffice@aol.com

If you have any queries, please contact:

BSTP Secretariat

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