

BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY



The 36th Annual Scientific Meeting of the BSTP –
Pathology of mice with human immune systems (HIS mice)
Wednesday 10th – Friday 12th November 2021
12.30 – 16.30 (GMT+0, London/UCT+0)

The 36th ASM will be held as a virtual event using Zoom on the afternoons of Wednesday 10th, Thursday 11th and Friday 12th November 2021, from 12.30 – 16.30 (GMT+0, London/UCT+0) each day.



Registration for this meeting is still open, with numbers limited to a maximum of 75 delegates - registration will close at midnight on 22nd October 2021.

The BSTP's 36th Annual Scientific Meeting will cover the topic of pathology of mice with human immune systems (HIS mice).

Immunodeficient mice reconstituted with a human immune system are increasingly used for modelling the human immune compartment in numerous preclinical applications, such as adoptive cell therapy and immuno-oncology studies. With the advent of new Advanced Therapy Medicinal Products, humanised mice are likely to become more and more a key component of efficacy and safety assessment in preclinical programmes, including GLP studies. However, limited information is available concerning the morphological aspects of human cell engraftment and the spectrum of spontaneous and experimentally-induced histopathological lesions occurring in these mice.

Working with the *Pathological Society of Great Britain and Ireland* the meeting will cover the main features of the different humanised mouse platforms; their experimental applications in drug development, oncology and gene and cell therapies; specific safety and regulatory considerations; and future promise and remaining challenges.

The Annual General Meeting of the BSTP will be held as a separate meeting on Friday 26th November 2021 – <http://www.bstp.org.uk/events/bstp-annual-general-meeting/>

Sponsorship Opportunities

As a small organisation we feel that by providing financial sponsorship for this meeting it will allow the society to continue organising high quality events for a diverse group of toxicological and experimental pathologists. For £250 your logo (with a direct link to your company) will appear on the BSTP website and on all delegate materials. Please contact the BSTP at bstpoffice@aol.com more information.

IMPORTANT DEADLINES

- ✓ **Applications for the bursary will close at midnight on 24th September 2021**
- ✓ **Early bird registration closes at midnight on 30th September 2021**
- ✓ **Registration will close at midnight on 22nd October 2021**

So, if you are you looking for some high quality CPD and would you like to broaden your understanding on the pathology of mice with a human immune system then this is the meeting for you.

We hope to see you in November!

Delegate Information:

Access to the downloadable delegate materials and Zoom login information will be provided up to one week in advance of the meeting.

Continuing Professional Development:

Royal Society of Biology CPD credits will be applied for.

Approximately 8.5 hours of educational activity will be recorded on Attendance Certificates. For those delegates who wish to self-accredit for CPD, proof of attendance should be retained for this purpose.

Registration Fees:

Registration fees are for full attendance (3 afternoons) and no discount will be given for part attendance.

Registration Fees	Early Registration Fee – up to 30th September 2021	Standard Registration Fee – after 30th September 2021
BSTP Member	£170.00	£210.00
Non-Member	£220.00	£260.00
Trainee/Early Career Pathologists *	£100.00	£140.00
BSTP Member Group Fee #	£150/person	£190/person
Non-Member Group Fee #	£200/person	£240/person

* A letter/email from a Head of Department confirming status must accompany the registration form
3 or more from the same company, completed registration forms should be emailed together

Payment Methods:

All bookings for the meeting must be paid in full by 22nd October 2021. You can pay by Bank Giro Credit/Faster Payment/Bill Payment/Bank Transfer/International Payment, or if you prefer to pay by credit card, please tick the relevant box on the registration form or contact the BSTP Secretariat for more details.

Cancellation:

All requests for cancellations to bookings must be received in writing by 30th September 2021. Refund requests will incur a £50 processing fee. Refund requests received after 30th September 2021 will not be processed.

Replacements:

Substitutions can be made at any time up to 22nd October 2021.

BSTP Booking Terms and Conditions:

To registering for this event, you must read and agree to the BSTP Booking Terms and Conditions.

By registering for this event, you are agreeing to the [BSTP Privacy Policy](#). You may opt in or out of email communications from the BSTP at any time.

BSTP 36th ASM Timelines:

17th June 2021

Registration opened

24th September 2021

Deadline for bursary applications

30th September 2021

Early registration fee ends

Up to 30th September 2021

Cancellations can be made

After 30th September 2021

No refund on cancellations

22nd October 2021

Registration closes

Other BSTP events:

The latest edition of BSTP's [Guide to Educational Activities](#) is available on the BSTP Website, or to find out more about other events organised by the BSTP visit <http://www.bstp.org.uk/events/bstp-events/>

Bursaries - Opportunities for Individuals working within an 'early career' environment:

The BSTP are able to offer three (free place) bursaries for this meeting.

Applications are invited from interested members and non-members of the BSTP, applications for bursaries (whether successful or not) for previous BSTP events are also welcomed.

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.

In addition, if the successful candidates are not already a member of the BSTP, they will also receive up to 12 months membership of the BSTP.

The awarding of the free place bursary will be at the discretion of the BSTP Council.

The deadline for applications is 24th September 2021.

When applying you should submit the following:

- A brief CV.
- A covering letter stating why this particular meeting is of interest to you.
- A letter from your supervisor/Head of Department confirming that you are working within an “early career” environment.

The successful candidate will be expected to:

- Complete and return a Registration Form – Free Place Bursary (sent to the successful candidate after the award has been made).
- Attend the whole meeting.
- Write a short article (approx 500 words) describing either your own research, a brief overview of the meeting, or a description of how the meeting has contributed to your training/professional knowledge (this will appear in the BSTP Newsletter).
- If not already a member of the BSTP, complete and return the membership application form (sent to the successful candidate after the award has been made).

Completed applications should be sent directly to the BSTP Secretariat to allow for a decision to be made by the BSTP Council and the successful candidate will be informed in good time so that they can submit their registration form.

The BSTP are happy for you to disseminate this information to your colleagues within your group.

For more information visit: <http://www.bstp.org.uk/events/the-36th-asm-of-the-bstp/>

Email: BSTP Secretariat – bstpoffice@aol.com

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PROVISIONAL PROGRAMME

Wednesday 10th November 2021	
12.30 - 12.45	SOCIAL BREAKOUT SESSION
12.45 - 13.00	WELCOME AND INTRODUCTION BY THE PRESIDENT OF THE BSTP <i>Elizabeth McInnes</i>
DAY 1	Generation of HIS mice: available models and standardisation
13.00 - 13.30	HIS mice in biomedical research: Challenges and opportunities <i>Christian Muenz, University of Zurich, Switzerland</i>
13.30 - 14.00	Immunodeficient mice lines optimised for humanisation: NSG, NOG... - focus on pathology <i>Cory Brayton, Johns Hopkins University, USA</i>
14.00 - 14.30	Comparison of human innate and adaptive immune reconstitution across different HIS models <i>Kourosh Saeb-Parsy, University of Cambridge, UK</i>
14.30 - 15.00	VIRTUAL COFFEE BREAK
15.00 - 15.30	HIS mouse reporting standards <i>Janell Richardson, Taconic, USA</i>
15.30 - 16.00	Flow cytometry applications to investigate engraftment and immune cell response in HIS mice <i>Speaker to be confirmed</i>
16.00 - 16.30	Multiplexing immunohistochemistry and imaging mass spectrometry applied to the human and murine immune systems <i>Richard Goodwin, AstraZeneca, UK</i>

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



Thursday 11th November 2021	
12.30 - 13.00	SOCIAL BREAKOUT SESSION
DAY 2	HIS mouse pathology
13.00 - 13.30	Graft-versus-host disease (GvHD) in NSG mice transplanted with CD34+ human hematopoietic stem cells <i>Speaker to be confirmed</i>
13.30 - 14.00	Histopathological features of NSG-SGM3 mice <i>Laura Janke, St. Jude Children's Research Hospital, USA</i>
14.00 - 14.30	GvHD in humanised mice and its use as a marker of immune stimulation in preclinical studies <i>Jean-Martin Lapointe, AstraZeneca, UK</i>
14.30 - 15.00	VIRTUAL COFFEE BREAK
15.00 - 15.30	Morphological features of GvHD in patients <i>Speaker to be confirmed</i>
15.30 - 16.30	Round table/share knowledge: Pretransplant conditioning-induced pathology (chemical and radiation conditioning)

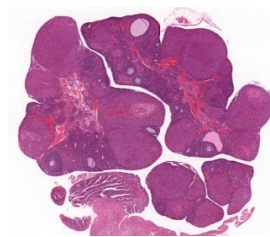
Friday 12th November 2021	
12.30 - 13.00	SOCIAL BREAKOUT SESSION
DAY 3	Preclinical applications of HIS mice
13.00 - 13.30	Application of humanized mouse models in drug discovery <i>Johannes Sam, Roche, Switzerland</i>
13.30 - 14.00	Exploring HIS mice as potential preclinical safety model <i>Sandrine Vessillier, NIBSC, UK</i>
14.00 - 14.30	Regulatory aspects concerning the use of HIS mice <i>Kristina Howard, FDA, USA</i>
14.30 - 15.00	VIRTUAL COFFEE BREAK
15.00 - 15.30	Humanised mice in preclinical immuno-oncology <i>Janell Richardson, Taconic, USA</i>
15.30 - 16.00	Modelling human malignancies in vivo <i>Speaker to be confirmed</i>
16.00 - 16.15	CLOSING REMARKS

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



JOIN US IN 2022 FOR:

Virtual Continuing Education Symposium 5: Female Reproductive System
Tuesday 8th – Thursday 17th March 2022
13.00 – 16.30 (GMT+0, London/UCT+0)



CES 5 will be held as a virtual event using Zoom on the afternoons of Tuesday 8th, Wednesday 9th, Thursday 10th, Tuesday 15th, Wednesday 16th and Thursday 17th March 2022, from 13.00 – 16.30 (GMT+0, London/UCT+0) each day.

Continuing Professional Development: *Royal Society of Biology CPD credits will be applied for.*

This Continuing Education Symposium will cover an overview of the female reproductive system in preclinical animal species.

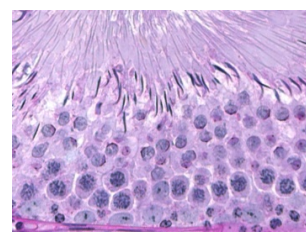
Access to the downloadable course materials and Zoom login information will be provided to all those registered up to one week in advance of the symposium.

Detailed information, including the programme and a registration form will be available in Autumn 2021.

If you would like further information, have any queries or would like to reserve a place, please contact the BSTP Secretariat – bstpoffice@aol.com

or visit <http://www.bstp.org.uk/events/ces-5-female-reproductive-system/>

Virtual Continuing Education Symposium 6: Male Reproductive System
Tuesday 5th – Thursday 14th July 2022
13.00 – 16.30 (GMT+1, London/UCT+1)



CES 6 will be held as a virtual event using Zoom on the afternoons of Tuesday 5th, Wednesday 6th, Thursday 7th, Tuesday 12th, Wednesday 13th and Thursday 14th July 2022, from 13.00 – 16.30 (GMT+1, London/UCT+1) each day.

Continuing Professional Development: *Royal Society of Biology CPD credits will be applied for.*

This Continuing Education Symposium will cover an overview of the male reproductive system in preclinical animal species.

Access to the downloadable course materials and Zoom login information will be provided to all those registered up to one week in advance of the symposium.

Detailed information, including the programme and a registration form will be available in Winter 2021/2022.

If you would like further information, have any queries or would like to reserve a place, please contact the BSTP Secretariat – bstpoffice@aol.com

or visit <http://www.bstp.org.uk/events/ces-6-male-reproductive-system/>

BSTP BOOKING TERMS & CONDITIONS

1. All requests for cancellations to bookings must be received in writing by 30th September 2021. Refund requests will incur a £50 processing fee. Refund requests received after 30th September 2021 will not be processed.
2. The BSTP reserves the right, under exceptional circumstances to change the date of the Annual Scientific Meeting (ASM), where possible maximum notice will be given to those that register for the ASM.
3. The BSTP reserves the right, under exceptional circumstances to change the lecturers and the timings of the programme without notice.
4. If, for any reason (such as inadequate numbers of registrants), the ASM is not run, where possible maximum notice (**at least 4 weeks before the start of the event**) will be given to those that register for the event and any registration fee will be refunded in the first instance by credit note.
5. The views expressed by the invited speakers are not representative of BSTP views or policy.
6. By registering and logging in to this event, you agree that any information made available is for your own educational use and that no part of the presentations/handouts received may be reproduced or transmitted in any form, or by any means, electronic or mechanical, including photocopy, or any information storage and retrieval system, without permission in writing from the individual speakers/authors.
7. The BSTP will not be recording this event and participants must not make audio or visual recordings of the event in any medium and you must not record any part of the meeting direct or by external sources including screen shots or by an external recording device or distribute any such illicit audio or visual recordings via social media or any other means.
8. Whilst every effort is made to try and provide copies of speaker's presentations/handouts by whatever format, the BSTP are unable to guarantee that individual speakers will make their presentations available to delegates.
9. By registering for the ASM, you are agreeing to the [BSTP Privacy Policy](#). You may opt in or out of email communications from the BSTP at any time.
10. Details of any problems, queries or complaints regarding the ASM which cannot be included on the feedback survey are to be submitted in writing to the Education Sub-Committee Chairperson within 14 working days of the meeting.

Here are 5 reasons why you should attend virtual events organised by the BSTP:

Networking – contact with the speakers and benefit from their experience.

Easy access and inclusivity – with current travel restrictions, delegates who live in other parts of the world and would not otherwise be able to travel to the UK can now attend.

Sustainability – attending the event from home or your office means fewer planes, trains and cars which helps reduce everyone's carbon footprint.

Cost effective – no travel and accommodation for you to book adding to the cost of the event.

Reduced logistical effort – saving time both for you (you will not be away from your family) and anyone who organises your travel and accommodation.

So, break out of your comfort zone to learn something new and invest in yourself to improve your employment opportunities!