

# The 37th Annual Scientific Meeting of the British Society of Toxicological Pathology

## Digital Pathology and Mouse Pathology Workshop

Thursday 10th – Friday 11th November 2022  
Cedar Court Hotel, Harrogate, UK



### Programme

Approved by the Royal Society of Biology for the purposes of CPD, this event may be counted as approximately 33 credits. Approximately 11 hours of educational activity will be recorded on Attendance Certificates.

THURSDAY 10th NOVEMBER 2022	
08.15 - 08.45	REGISTRATION
08.45 - 09.00	WELCOME AND INTRODUCTION BY THE PRESIDENT OF THE BSTP – Liz McInnes
09.00 - 09.45	<i>Session 1 Chair: Liz McInnes</i> <b>Artificial Intelligence (AI) in pathology: Hope or hype?</b> <i>Prof. Jeroen van der Laak, UMC Nijmegen, Netherlands</i>
09.45 - 10.30	<b>Going digital: Transforming the experimental pathology workflow in pharma</b> <i>Richard Haworth, AstraZeneca, UK</i>
10.30 - 11.00	REFRESHMENT BREAK AND POSTER SESSION
11.00 - 11.45	<i>Session 2 Chair: Giovanni Pellegrini</i> <b>Training strategies for deep-learning models in pathology</b> <i>Pierre Moulin, Roche, Switzerland</i>
11.45 - 12.30	<b>Pathological Society sponsored lecture</b> <b>The synergy between pre-clinical and clinical projects, mutual reinforcing worlds</b> <i>Wim Develter, C-Path, Belgium</i>
12.30 - 13.30	LUNCH
13.30 - 14.00	<i>Mouse Pathology Workshop Chair: Ellie Herbert</i> <b>Pathology basics</b> <i>Ellie Herbert, The Royal Veterinary College, UK</i>
13.30 - 14.00	<i>Session 3 Chair: Aleks Zalewska</i> <b>Molecular biomarker and AI cartography</b> <i>Richard Goodwin, AstraZeneca, UK</i>
14.00 - 14.30	<b>Histology basics</b> <i>Anna Macdonald, Labcorp, UK</i>
14.00 - 14.30	<b>Digital pathology in a Good Laboratory Practice (GLP) compliant environment, any reasons to be afraid?</b> <i>Alain Piton, ALP Quality Systems, France</i>
14.30 - 15.00	<b>Recognising common background lesions in mice</b> <i>Liz McInnes, Syngenta, UK</i>
14.30 - 15.00	<b>Sponsor Talks</b> <b>14.30 - 14.45</b> - Hanna-Kaisa Sihvo, Aiforia <b>14.45 - 15.00</b> - Xybion
15.00 - 15.30	REFRESHMENT BREAK
15.30 - 16.15	<i>Workshop Chair: Mark Arends</i> <b>Comparative histopathology (mouse vs human)</b> <i>Rita Deuchande, Labcorp, UK</i>
15.30 - 16.15	<i>Session 4 Chair: Jayne Wright</i> <b>Digitalization of toxicological pathology</b> <i>Vanessa Schumacher, Roche, Switzerland</i>
16.15 - 17.00	<b>Unexpected morbidity and mortality in research mice</b> <i>Cheryl Scudamore, ExePathology, UK</i>
16.15 - 17.00	<b>Case study: Quantitative image analysis clarifies drug target expression prior to C2LO milestone.</b> <i>Deon Hildebrand, GSK, UK</i>
17.00 - 18.00	BSTP Annual General Meeting
18.00 onwards	Drinks and Canapé Reception

FRIDAY 11th NOVEMBER 2022	
08.30 - 08.55	REGISTRATION
08.55 - 09.05	INTRODUCTION TO DAY 2 – Liz McInnes
09.05 - 09.45	<i>Session 5 Chair: Liz McInnes</i> <b>Digital Pathology Part 1: Enabling digital primary and peer review for the toxicologic pathologist</b> <i>Dan Rudman, Charles River Preclinical, USA</i>
09.45 - 10.30	<b>Holistic deep-learning histology models across species</b> <i>Pierre Moulin, Roche, Switzerland</i>
10.30 - 11.00	REFRESHMENT BREAK
11.00 - 11.45	<b>Digital Pathology Part 2: Driving innovation in toxicologic pathology with machine learning and data analytics</b> <i>Dan Rudman, Charles River Preclinical, USA</i>
11.45 - 12.00	<i>Deciphex sponsor talk</i>
12.00 - 13.00	LUNCH
13.00 - 13.45	<i>Session 6 Chair: Catherine Ross</i> <b>Collecting BIG data for AI in pathology: The BIG picture project</b> <i>Prof. Jeroen van der Laak, UMC Nijmegen, Netherlands</i>
13.45 - 14.30	<b>Optimising your digital toxicological pathology workflow with the appropriate viewing platform</b> <i>Erio Barale, Johnson &amp; Johnson, Belgium</i>
14.30 - 15.00	REFRESHMENT BREAK
15.00 - 15.45	<b>Artificial intelligence revolutionises quantification of virtual slides. Don't spend energy on repetitive tasks!</b> <i>Victor Racine, France Quantacell, France</i>
15.45 - 16.00	CONCLUDING REMARKS BY THE NEW PRESIDENT OF THE BSTP – Catherine Ross

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