

# BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY

## Virtual Continuing Education Symposium 10: Urinary System

9th – 18th July 2024

Tuesday, Wednesday and Thursday

13.00 – 17.00 (GMT+1, London/UCT+1/EDT-4)



CES 10 will be held over two weeks - on the afternoons of Tuesday 9th, Wednesday 10th, Thursday 11th, Tuesday 16th, Wednesday 17th and Thursday 18th July 2024, from 13.00 – 17.00 (GMT+1, London/UCT+1/EDT-4) each day.

Approved by the Royal Society of Biology for the purposes of CPD, this event may be counted as approximately 63 credits. Approximately 21 hours of educational activity will be recorded on Attendance Certificates.

## Programme

Week 1	
Tuesday 9th July 2024	
13.00 - 13.15	Welcome and introduction by the Scientific Organiser
13.15 - 14.15	Introduction to Renal Toxicology <i>Dr Ken Frazier, USA</i>
14.15 - 14.30	Break
14.30 - 16.00	Typical lesions in tox studies including INHAND terminology <i>Dr Ken Frazier, USA</i>
16.00 – 16.30	Renal tumours in rodents <i>Dr Ken Frazier, USA</i>
16.30 - 17.00	Roundtable/share knowledge: Discussion and questions
Wednesday 10th July 2024	
13.00 - 13.10	Introduction by the Scientific Organiser
13.10 - 14.10	Non-neoplastic human kidney pathology <i>Dr Magnus Söderberg, AstraZeneca, Sweden</i>
14.10 - 14.30	Break
14.30 - 15.40	Mouse and rat models of human non-neoplastic kidney disease <i>Dr Magnus Söderberg, AstraZeneca, Sweden</i>
15.40 – 15.50	Break
15.50 - 17.00	A background on renal biomarkers and a case study <i>Jayati Basak, AstraZeneca, UK and Dr Magnus Söderberg, AstraZeneca, Sweden</i>
Thursday 11th July 2024	
13.00 - 13.05	Introduction by the Scientific Organiser
13.05 - 14.05	Background findings in the kidney in rats, mice, dogs, NHP, rabbits and hamsters <i>Liz McInnes, Syngenta</i>
14.05 - 14.20	Break
14.20 - 15.20	Induced kidney lesions and exacerbations of background findings <i>Antonia Morey Matamalas, Charles River, Edinburgh</i>
15.20 - 16.20	Pathology of the Urinary Bladder, a review of case incidences <i>Mainity Batista Linhares, Charles River, Lyon</i>
16.20 - 17.00	Roundtable/share knowledge: Discussion and questions

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

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## Programme

Week 2	
Tuesday 16th July 2024	
13.00 - 13.10	<b>Welcome and Introduction by the Scientific Organiser</b>
13.10 - 14.10	<b>Renal anatomy and pathology for the NHP</b> <i>Ronnie Chamanza, Johnson &amp; Johnson, Beerse, Belgium</i>
14.10 - 14.25	<b>Break</b>
14.25 - 15.25	<b>Renal anatomy and pathology for the Mini Pig</b> <i>Nanna Grand, Scantox, Denmark</i>
15.25 - 16.25	<b>Basic reaction pattern of glomerular injury in the dog</b> <i>Jaco van der Lugt, IDEXX B.V., The Netherlands</i>
16.25 - 17.00	<b>Roundtable/share knowledge: Discussion and questions</b>
Wednesday 17th July 2024	
13.00 - 13.05	<b>Introduction by the Scientific Organiser</b>
13.05 - 14.05	<b>Mining Liquid Gold: What Can We Learn from Urinalysis in Toxicology Studies?</b> <i>Laura Boone, Labcorp</i>
14.05 - 14.20	<b>Break</b>
14.20 - 15.20	<b>Reviewing the Past and Moving Forward: Urine Biomarkers in Nonclinical Studies</b> <i>Laura Boone, Labcorp</i>
15.20 - 16.05	<b>Experimental models of renal calcium stones in rodents</b> <i>Héloïse Bilbault, CRL</i>
16.05 - 17.00	<b>Roundtable/share knowledge: Discussion and questions</b>
Thursday 18th July 2024	
13.00 - 13.05	<b>Introduction by the Scientific Organiser</b>
13.05 - 14.10	<b>AI/ML Renal Pathology</b> <i>Dan Rudman, Charles River Laboratories, USA</i>
14.10 - 14.20	<b>Break</b>
14.20 - 15.20	<b>AI/ML Renal Pathology</b> <i>Dan Rudman, Charles River Laboratories, USA</i>
15.20 - 15.30	<b>Break</b>
15.30 - 16.30	<b>A systems toxicology approach to DIKI integrating histopathology, mathematical modelling and spatial transcriptomics</b> <i>Crysthiane Ishiy, Ciaran Fisher, GSK</i>
16.30 - 16.50	<b>Roundtable/share knowledge: Discussion and questions</b>
16.50 - 17.00	<b>Closing remarks by the Scientific Organiser</b>

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