

One Medicine Webinar Series

**A brand-new programme of
seven FREE online talks,
exploring the vital
connections between
human and animal health.**

Hosted live on Microsoft Teams from November 2025 to April 2026, each session will feature world-leading experts sharing their knowledge, experience and passion for advancing healthcare through a One Medicine approach. Together, we'll discover how collaboration between human and veterinary medicine can drive innovation, improve treatments and ultimately transform lives across species.



**All webinars are FREE to
attend and last 45 minutes
including Q and A.**

REGISTER NOW



Registered charity numbers:
1156927 & SC048960

Humanimal Trust, Eashing Barns, Halfway Lane, Eashing, GU7 2QQ



+44(0)1483 791725



info@humanimaltrust.org.uk



www.humanimaltrust.org.uk

Friday 7 November
12.30pm

[REGISTER NOW](#)

One Medicine and Cancer

Professor Kelly Blacklock (Professor of Small Animal Soft Tissue Surgery, Royal (Dick) School of Veterinary Studies)



Thursday 4 December
3.00pm

[REGISTER NOW](#)

Generating the evidence for One Medicine

Dr Mary Fraser (Humanimal Trust Chair of Trustees and Honorary Clinical Associate Professor, University of Glasgow) and **Dr Rachel Dean** (Director of Clinical Research and Excellence in Practice, Vet Partners UK)



Friday 9 January
2.00pm

[REGISTER NOW](#)

Leveraging cellular therapies to induce durable responses in canine and human cancer patients

Dr Nicola Mason (Professor of Medicine and Pathobiology, University of Pennsylvania, USA)



Friday 6 February
12.30pm

[REGISTER NOW](#)

Microbiome insights across species for One Medicine

Dr Bushra Schuitemaker (Head of Science and Research, Biome 9)



Friday 27 February
12.30pm

[REGISTER NOW](#)

The art of evidence

Dr Matt Morgan (Consultant in Intensive Care Medicine and Humanimal Trust Patron) and **Julie Askew** (Humanimal Trust Professional Creative Awards winner and final year PH. D Candidate, Bath Spa University)



Friday 27 March
3.00pm

[REGISTER NOW](#)

Species-spanning medicine: A blueprint for 21st-century health

Dr. Barbara Natterson-Horowitz (Author, Lecturer on Global Health and Social Medicine, Lecturer on Human Evolutionary Biology, Harvard University, USA)



Friday 24 April
12.30pm

[REGISTER NOW](#)

Is human Alzheimer's disease a good model of feline dementia? A One Medicine approach to dementia-causing disorders

Dr Robert McGeachan (ECVN Resident in Veterinary Neurology and Neurosurgery and ECAT Veterinary Clinical Lecturer, University of Edinburgh)



One Medicine Webinar Series



One Medicine and Cancer

Friday 7 November 12.30pm

FREE TO ATTEND

Professor Kelly Blacklock

Professor of Small Animal Soft Tissue Surgery,
Royal (Dick) School of Veterinary Studies

REGISTER NOW

Our first speaker is Professor Kelly Blacklock BVM&S DipECVS PgCert PhD SFHEA FRCVS. In her talk, **One Medicine and Cancer**, Professor Blacklock will explore the intersections between cancer research in humans and animals, and how a collaborative approach can drive progress for both.

Professor Kelly Blacklock graduated from the University of Edinburgh in 2005 and after 18 months in small animal general practice, completed a rotating internship at the Royal Veterinary College and a three-year ECVS approved residency programme in the Small Animal Surgery at the University of Bristol.

Kelly joined the Animal Health Trust in 2011 and was awarded a PhD from the University of Liverpool for studies into the genetics of metastasis in canine cancer. In 2019, she returned to the R(D)SVS, where she is involved in the clinical service, teaching, and research into the genetic basic and functional aspects of canine cancers.

One Medicine Webinar Series



**Dr Mary
Fraser and
Dr Rachel
Dean**



Generating the evidence for One Medicine

Thursday 4 December 3.00pm

FREE TO ATTEND

REGISTER NOW

Our speakers for this webinar are **Dr Mary Fraser** BVMS FSB CertVD PhD FHEA CBiol MIBiol MRes FRCVS (Humanimal Trust Chair of Trustees and Honorary Clinical Associate Professor, University of Glasgow) and **Dr Rachel Dean** BVMS PhD MSc(EBHC) DSAM(fel) SFHEA MRCVS (Director of Clinical Research and Excellence in Practice, VetPartners, UK). Mary and Rachel will discuss the generation and use of evidence in both veterinary and human medicine.

Dr Mary Fraser is a veterinary surgeon who has bridged the gap between human and veterinary medicine. She began her career in mixed practice, completed a PhD in canine dermatology funded by The Guide Dogs for the Blind Association and then moved into education and clinical research in both further / higher education and the corporate sector. Along the way she has set up her own small animal veterinary practice, developed new training pathways for veterinary nurses, worked with Stirling University's Innovation Centre and is now Executive Director of Education at the Royal College of Physicians of Edinburgh. She is an Honorary Clinical Associate Professor at Glasgow University, and in 2017 she was awarded Fellowship of the Royal College of Veterinary Surgeons (FRCVS) for Meritorious Contributions to the Profession. Her main interests, alongside One Medicine, are animal welfare, veterinary and medical education, clinical decision making and charitable work.

Dr Rachel Dean qualified as a vet in 1996, after which she gained diverse clinical experience and spent significant time in teaching and research. She was a founding director of the Centre for Evidence-based Veterinary Medicine at the University of Nottingham, where she was also Associate Professor of Feline Medicine. She was founding President of the Association of Charity Vets and is Editor-in-Chief of the BSAVA's Manual of Shelter Medicine. She has authored scientific papers, clinical articles and chapters for text books. Rachel holds a Masters in evidence-based medicine, a PhD in epidemiology, a Diploma in feline medicine, and is a senior fellow of the HEA. As Director of Clinical Research and Excellence in Practice, Rachel's focus at VetPartners is leading the Clinical Board and Learning & Development teams. She helps colleagues provide outstanding care in a supportive environment so the practices are a great place to work and animals receive the best care possible.

Suggested reading: Mills, D., Reiss, M., & Campbell, M. (2025). Evidence-based veterinary medicine at 20 – a commentary on historical, philosophical, practical and ethical aspects. *Veterinary Evidence*, 10(3). <https://doi.org/10.18849/ve.v10i3.710>

One Medicine Webinar Series



Leveraging cellular therapies to induce durable responses in canine and human cancer patients

Friday 9 January 2.00pm

FREE TO ATTEND

**Dr Nicola
Mason**

Professor of Medicine and Pathobiology,
University of Pennsylvania, USA

REGISTER NOW

Our speaker for this webinar is Dr Nicola Mason B.Vet.Med, PhD, DACVIM (Internal Medicine), FCPP, MRCVS. In her talk, **Leveraging cellular therapies to induce durable responses in canine and human cancer patients**, Dr Mason will discuss her research which focuses on development of autologous and allogeneic cellular therapies for human and canine patients with cancer.

Dr Nicola Mason is Professor of Medicine at UPenn's School of Veterinary Medicine and holds the James & Gilmore Endowed Chair Professorship. She received her veterinary degree from the Royal Veterinary College and her Immunology PhD from UPenn. She performed a post-doctoral fellowship in cancer immunotherapy at the Abramson Cancer Center at UPenn. Dr Mason's translational research group focuses on development of autologous and allogeneic cellular therapies for human and canine patients with cancer. Innovative clinical trials in pet dogs with spontaneous osteosarcoma and lymphoma, provide important safety and early efficacy data that can inform human clinical trial regimens and offer insight into correlative biomarkers of clinical response. She leads the NCI supported pre-medical cancer immunotherapy network for canine trials, and the Comparative Immunotherapy Program at Penn's School of Veterinary Medicine and is a Fellow of the Royal College of Veterinary Surgeons.

Suggested reading: Rotolo, A., Atherton, M.J., Kasper, B.T., Haran, K.P., Mason, N.J. Genetic re-direction of canine primary T cells for clinical trial use in pet dogs with spontaneous cancer. STAR Protoc. 2021 Oct 22;2(4):100905.



One Medicine Webinar Series

Microbiome insights across species for One Medicine

Friday 6 February 12.30pm

FREE TO ATTEND

**Dr Bushra
Schuitemaker**

Head of Science and Research,
Biome 9

REGISTER NOW

Our speaker for this webinar is Dr Bushra Schuitemaker BSc– a zoologist dedicated to advancing One Medicine and member of Humanimal Trust's Science Committee. In her talk, **Microbiome Insights Across Species for One Medicine**, Dr Schuitemaker will discuss/explore the diversity and importance of microbiomes across the animal kingdom and highlight how microbiome research can inform One Medicine approaches, becoming a powerful tool for advancing both human and animal health.

Dr Bushra Schuitemaker is a passionate zoologist dedicated to advancing One Medicine—bridging human and animal health for mutual benefit. She set her sights on becoming a zoologist aged just seven years and realised this ambition through her BSc (Hons) in Zoology from Anglia Ruskin University. Bushra worked for Cancer Research UK and the Wellcome Sanger Institute, focusing on immuno-oncology drug discovery and metastasis research. She pursued opportunities to enhance animal health while reducing reliance on animal models and has published in this area.

Bushra completed a PhD at the Quadram Institute Biosciences and the University of East Anglia, identifying novel microbiome-based biomarkers for poultry health and welfare. She served as a scientific advisor for the Nuffield Farming Scholarships, is an award-winning science communicator, has hosted her own radio show, and been a guest on numerous podcasts, making complex scientific concepts accessible to diverse audiences.

Bushra recently joined Humanimal Trust's Science Committee and is committed to ensuring that research advances benefit all species.

One Medicine Webinar Series

The art of evidence

Friday 27 February 12.30pm

FREE TO ATTEND

REGISTER NOW

**Dr Matt
Morgan and
Julie Askew**

Our speakers for this webinar are Dr Matt Morgan PhD MBCh BSc FICM FRCA CICM (Consultant in Intensive Care Medicine and Humanimal Trust Patron) and Julie Askew (Final year PhD candidate at Bath Spa University and the Humanimal Trust 2025 Professional Creative Awards winner). In their talk, **The art of evidence**, they will explore what creative outputs can do for science. Matt will focus on the benefits of using stories and pictures in science communication and Julie will showcase her winning Creative Awards entry and discuss how stories and pictures can illuminate science.

Dr Matt Morgan is a Consultant in Intensive Care Medicine, Honorary Professor for the Public Understanding of Medicine, and a regular BMJ columnist. He is medical advisor to The National Theatre London's production of Nye and BBC Radio 4's panel show Best Medicine. A prize-nominated communicator, he delivered the 2023 Woodridge and 2025 James Reason Lectures, was listed among the top fifty most influential health tech people in 2024, and is a member of the BMJ Commission on the Future of the NHS. He is the author of three acclaimed books exploring survival, mortality, and what it means to live.

Julie Askew is currently working on Water Universe in collaboration with British Antarctic Survey – visualising water in relation to water quality, for the benefit of polar and glacial science and public engagement. This is an interdisciplinary science and science communication research project, examining and interpreting water patterning and its potential application in the environmental and physical sciences, focusing on Glaciology and Polar Science. Julie is analysing water drop residue from ice cores and glacial melt and assessing how the resulting patterns correlate with scientific data. When a drop of water dries, the contaminant residue dries, leaving a distinctive patterning unique to the water source. This is the first-time ice core melt has been viewed and analysed in the manner, opening a new visual world of ice.

One Medicine Webinar Series



Species-spanning medicine: A blueprint for 21st-century health

Friday 27 March 3.00pm

FREE TO ATTEND

**Dr Barbara
Natterson-Horowitz**

Author, Lecturer on Global Health and Social Medicine,
Lecturer on Human Evolutionary Biology,
Harvard University, USA

REGISTER NOW

Our speaker for this webinar is Dr Barbara Natterson-Horowitz MD, PhD. In her talk, **Species-Spanning Medicine: A Blueprint for 21st-Century Health**, Dr Natterson-Horowitz makes the case that the future of human medicine lies in embracing "One Medicine." Moving beyond longstanding anthropocentrism in medicine to more species-spanning perspectives will strengthen how all doctors—from cardiologists and oncologists to paediatricians, dermatologists and psychiatrists—and other specialists practice medicine and advance medical knowledge. This collaborative framework with veterinary and animal health experts will simultaneously strengthen both human medicine and animal health care, creating a synergy that benefits patients across all species.

Dr Barbara Natterson-Horowitz is a cardiologist and evolutionary biologist on the faculty of Harvard Medical School, Harvard University's Department of Human Evolutionary Biology, and UCLA's School of Medicine and Department of Ecology and Evolutionary Biology. She serves as chair of the National Academies of Sciences, Engineering, and Medicine's Board on Animal Health Sciences, Conservation, and Research (BAHSCR) and is a past president of the International Society for Evolution, Medicine and Public Health. She leads a medical phylogenomics lab developing computational methods for uncovering insights for human health in the natural world. In addition to her scholarly publications, Dr Natterson-Horowitz is co-author of New York Times bestseller *Zoobiquity*, a Finalist in the American Association for the Advancement of Science Prize for Excellence in Science Books, and *Wildhood*, the 2021 Book of the Year by the Association of Science Education and a NYT Book Review Editor's Pick.

One Medicine Webinar Series



Is human Alzheimer's disease a good model of feline dementia? A One Medicine approach to dementia-causing disorders

Friday 24 April 12.30pm

FREE TO ATTEND

Dr Robert McGeachan

ECNV Resident in Veterinary Neurology
and Neurosurgery and ECAT Veterinary
Clinical Lecturer, University of Edinburgh

REGISTER NOW

Our final speaker for this series is Dr Robert McGeachan BVM&S MScR PhD AFHEA MRCVS. In his talk, **Is Human Alzheimer's Disease a Good Model of Feline Dementia? A One Medicine Approach to Dementia-Causing Disorders**, Dr McGeachan will explore the mechanisms underlying neurodegenerative disorders, with a focus on Alzheimer's disease, in particular, how naturally occurring models of human disease can simultaneously advance our understanding and treatment of dementia-causing disorders in both humans and animals.

Dr Robert McGeachan is undertaking the prestigious University of Edinburgh Clinical Academic Track (ECAT), combining an active programme of research with clinical training. He is currently an ECVN resident in veterinary neurology and neurosurgery. His research focuses on the mechanisms underlying the initiation and progression of neurodegenerative disorders, with a particular emphasis on synaptic pathology in Alzheimer's disease and related conditions. Informed by a strong One Medicine and comparative perspective, his work adopts a cross-species approach, utilising naturally occurring models of human disease to simultaneously advance our understanding and treatment of dementia-causing disorders in both humans and animals. His research has been published in high-impact peer-reviewed journals and has attracted extensive national and international media attention.

Suggested reading: 1. McGeachan, R.I., Ewbank, L., Watt, M., Sordo, L., Malbon, A., Salamat, M.K.F., Tzioras, M., De Frias, J.M., Tulloch, J., Houston, F., Gunn-Moore, D., Spires-Jones, T.L., 2025b. Amyloid-Beta Pathology Increases Synaptic Engulfment by Glia in Feline Cognitive Dysfunction Syndrome: A Naturally Occurring Model of Alzheimer's Disease. *Eur. J. Neurosci.* 62, e70180. <https://doi.org/10.1111/ejn.70180>

2. McGeachan, R.I., Keavey, L., Simzer, E.M., Chang, Y.Y., Rose, J.L., Spires-Jones, M.P., Gilmore, M., Holt, K., Meftah, S., Ravingerova, N., Scutariu, C., Taylor, L.W., King, D., Tzioras, M., Tulloch, J., Booker, S.A., Liaquat, I., Hindley-Pollock, N., Geary, B., Smith, C., Brennan, P.M., Durrant, C.S., Spires-Jones, T.L., 2025a. Evidence for trans-synaptic propagation of oligomeric tau in human progressive supranuclear palsy. *Nat. Neurosci.* 28, 1622-1634. <https://doi.org/10.1038/s41593-025-01992-5>

3. McGeachan, R.I., Meftah, S., Taylor, L.W., Catterson, J.H., Negro, D., Bonthon, C., Holt, K., Tulloch, J., Rose, J.L., Gobbo, F., Chang, Y.Y., Elliott, J., McLay, L., King, D., Liaquat, I., Spires-Jones, T.L., Booker, S.A., Brennan, P.M., Durrant, C.S., 2025c. Divergent actions of physiological and pathological amyloid- β on synapses in live human brain slice cultures. *Nat. Commun.* 16, 3753. <https://doi.org/10.1038/s41467-025-58879-z>