

CEVM Newsletter, Issue 41, 25 July 2024

Welcome to the latest newsletter from the
Centre for Evidence-based Veterinary Medicine (CEVM)

www.nottingham.ac.uk/cevm



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Coming up in this issue:

- News and updates
- Presentations
- Recent publications and outputs
- Spotlight piece
- Latest BestBETs and systematic reviews from VetSRev

News and updates:

Welcome to the team!

We have recently welcomed a new addition to our team – postdoc Sebastian Moya Duran. He will be working chiefly with Marnie as part of the EU funded Horizon project entitled Biosecure (<https://biosecure.eu/>). This project is focused on enhancing the biosecurity undertaken in various livestock production systems across a number of different European countries. Sebastian brings a wealth of experience in using social science methods to explore issues relating to AMR and the uptake of preventive medicine practices.

Knowledge Transfer Partnership with RCVS Knowledge

Marnie, alongside Sarah Hewitt, Ginny Sherwin, James Russell, and Simon Bishop from the Business School at the University of Nottingham, have secured funding through Innovate UK to recruit for a Knowledge Transfer Partnership Associate with RCVS Knowledge. The funding will support an Associate to work alongside both organisations to identify, develop and implement an evidence-based quality improvement model for application into the veterinary sector. If you have an interest in being involved in this work moving forwards, please get in touch with Marnie via marnie.brennan@nottingham.ac.uk

Presentations:

Rosie Reyneke participated in the annual DTP (Doctoral training Partnership) conference in April. She presented a poster on a component of her PhD work, entitled “Utilising a framework to plan a research project – Implementing Implementation Science”. Implementation science is the study of methods (frameworks) to improve the uptake of research findings into day-to-day clinical usage. Arguably, almost all researchers aim to contribute something that will sooner or later be used outside of the academic community. By utilising an implementation framework to inform the approach that is taken to research, it can greatly aid the applicability of the research being done, and therefore maximise the eventual uptake of what is being researched.

Furthermore, in July, Rosie also participated in the University of Nottingham ‘Sheep Day’ – presenting an overview of her PhD project. She particularly spoke about the recent process of stakeholder and expert consultations that she has undertaken as she works towards developing a veterinary specific framework to support the uptake of preventive medicine practices.

Recent publications and outputs:

Sørensen TM, Scahill K, Ruperez JE, Olejnik M, Swinbourne F, Verwilghen DR, Nolff MC, Baines S, Marques C, Vilen A, Duarte EL, Dias M, Dewulf S, Wichtowska A, Valencia AC, Pelligand L, Broens EM, Toutain PL, Alishani M, Brennan ML, Weese JS, Jessen LR, Allerton F; from European Network for Optimization of Antimicrobial Therapy (ENOVAT) guidelines and the ESCMID Study Group for Veterinary Microbiology (ESGVM) (2024) **Antimicrobial prophylaxis in companion animal surgery: A scoping review for European Network for Optimization of Antimicrobial Therapy (ENOVAT) guidelines**. *Veterinary Journal* 304:106101. <https://doi.org/10.1016/j.tvjl.2024.106101>.

- The authors aimed to map the existing evidence on assessing the effect of surgical antimicrobial prophylaxis on surgical site infections.

Reed, MS, Merkle, BG, Cook, EJ, Hafferty, C, Hejnowicz, AP, Holliman, R, Marder, ID, Pool, U, Raymond, CM, Wallen, KE, Whyte, D, Ballesteros, M, Bhanbhro, S, Borota, S, Brennan, ML, Carmen, E, Conway, EA, Everett, R, Armstrong-Gibbs, F, Jensions, E, Koren, G, Lockett, J, Obani, P, O’Connor, S,

Prange, L, Mason, J, Robinson, S, Shukla, P, Tarrant, A, Marchetti, A, and Stroobant, M (2024) **Reimagining the language of engagement in a post-stakeholder world**. Sustainability Science 19, 1481–1490. <https://doi.org/10.1007/s11625-024-01496-4>

- In this article, the authors critically examine the concept of “stakeholders”, including exploring the implications of use of this term.

White, C, Basham, N, Floyd, S, Morrow, L, Dean, RS and Brennan, ML (2024) **Cross-sectional survey of sources of information accompanying veterinary product advertisements in two professional print publications**. Veterinary Record, epub e3902, <https://doi.org/10.1002/vetr.3902>

- This study examines two veterinary periodicals, characterising the supporting information provided by manufacturers of prescribed products, tests or devices in promotional material.

Spotlight on our research: Dr Louise Corah – Assistant Professor in Veterinary Education



I began my journey with CEVM way back in 2016 when I started my PhD looking at small animal consultations, the communication and decision making within them, and how we could define what ‘good’ looks like.

Once I had gained my PhD, I was fortunate enough to get a position as a member of staff at the vet school, leading the development and delivery of the CertAVP Foundations in Advanced Veterinary Practice module (aka A module). After a year’s maternity leave, I returned to the school as

communication skills lead for the undergraduate veterinary medicine course, a job that allows me to combine my interest in communication skills with my passion for teaching!

The downside of this is that aside from the privilege of supervising two Masters students, there has been little opportunity to do research in recent years. However, I am currently collaborating with another CEVM alumnus, Dr Mickey McDermott, and we will shortly be releasing a survey aiming to understand client perceptions of pet directed speech (vets talking directly to pets during the consult, in addition to talking to the client) and whether this affects their satisfaction with the visit and desire to see a particular vet again. Watch this space!

Latest BestBETs for Vets:

Cats with asymptomatic HCM - do ACE inhibitors prolong life? <https://bestbetsforvets.org/bet/591>

- Bottom Line:
 - “There is no peer-reviewed evidence to suggest that treating a cat with asymptomatic HCM with benazepril will improve life expectancy. Therefore, the choice of approach should be based on veterinarian preference, discussion of the risks and benefits with clients and individual practice guidelines, if they are available.”

VetSRev:

VetSRev is a free database of systemic reviews relevant to veterinary medicine and science with new reviews added each month. The database can be found here: <https://vetsrev.nottingham.ac.uk/>. We have over 3100 citations on our site now, and more will be added very soon.

Systematic reviews which may be of interest to you:

- Noutsos, T., Currie, B. J., Lek, R. A., & Isbister, G. K. (2020). **Snakebite associated thrombotic microangiopathy: a systematic review of clinical features, outcomes, and evidence for interventions including plasmapheresis.** *PLoS Negl Trop Dis*, 14(12), e0008936.
<https://doi.org/10.1371/journal.pntd.0008936>
- Bokma, J., Dewulf, J., Deprez, P., & Pardon, B. (2018). **Risk factors for antimicrobial use in food-producing animals: disease prevention and socio-economic factors as the main drivers?** *Vlaams Diergeneeskundig Tijdschrift*, 87(4), 188–200.
<https://doi.org/10.21825/vdt.v87i4.16066>
- Jones, K. R., & Garcia, G. W. (2019). **Endoparasites of domesticated animals that originated in the Neo-Tropics (new world tropics).** *Veterinary Sciences*, 6(1).
<https://doi.org/10.3390/vetsci6010024>

If you want to know more about VetSRev, have a look at our helpful guides 'About VetSRev' (<https://vetsrev.nottingham.ac.uk/About-VetSRev.pdf>) and 'Getting Started with VetSRev' (<https://vetsrev.nottingham.ac.uk/Getting-started-with-VetSRev.pdf>).

And finally:

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