

**AFCP/HAU Conference**  
**Animal Science – Addressing Current Challenges**

**Friday 14<sup>th</sup> July 2023**

Regional Food Academy, Harper Adams University  
Newport, Shropshire, TF10 8NB

**Posters**

1. Can RNA pesticides protect livestock?  
Dr Trevor Grigg, Post doctoral researcher, University of Plymouth  
Funding: Seale-Hayne Educational Trust [AFCP member]
2. A molecular approach to investigating the complex ecology and epidemiology of *Anaplasma phagocytophilum* across Europe  
Sean P. Brierley<sup>1</sup>, Ian Goodhead<sup>1</sup>, Hein Sprong<sup>2</sup>, Kevin Bown<sup>1</sup>, Richard Birtles<sup>1</sup>  
<sup>1</sup>The University of Salford  
<sup>2</sup>National Institute of Public Health and Environment (RIVM, Netherlands)  
Funding: The Perry Foundation [AFCP member]
3. Sow behaviour and piglet weight gain after late cross-fostering in farrowing crates and pens  
Rebecca L King; Stephanie M Matheson; Emma M Baxter; Sandra A Edwards  
Newcastle University; now Senior Livestock Consultant, ADAS  
Funding: The Perry Foundation [AFCP Member]
4. Comparison of beef production industry in New Zealand to that in Scotland  
Mr Philip Wrigglesworth, Senior Lecturer, SRUC  
Funding: The Farmers Club Charitable Trust [AFCP member]
5. Optimisation of Net Zero Strategies in the UK Beef and Sheep Sectors  
Tom Nash, Student, Harper Adams University  
Funding: The Worshipful Company of Butchers
6. Effect of essential oils on the performance and health (ketosis) of high yielding dairy cows in early lactation  
Charlotte Roxborough, PhD Student, Harper Adams University  
Funding: Agrimin
7. Methodology for capturing feed footage and distinguishing sorting behaviours in cattle  
Georgina A. Wager, Matthew Butler, W. Edwin Harris, S. Mark Rutter and Karl Behrendt,  
Harper Adams University  
Funding: The Elizabeth Creak Charitable Trust
8. Valorisation of Poultry Litter – A social cost benefit comparison  
Deborah Hall, PhD Researcher, Harper Adams University  
Funding: Wykes Engineering
9. Altered rumen metabolism in dairy cows fed grass silage high in mycotoxins with mycophenolic acid  
J M Webster, T J Snelling, J A Huntington, D R Davies, N Adams, J Taylor-Pickard, H Warren and L A Sinclair  
Funding: Alltech, Midlands Integrative Biosciences Training Partnership