

Preface	
Lameness and claw lesions in sows, cows and small ruminants	
D. Maes and G. Opsomer	1
Sows	
Impact of lameness and claw lesions in sows on welfare, health and production	
M. Heinonen, O. Peltoniemi and A. Valros	2
Assessment of lameness and claw lesions in sows	
E. Nalon, S. Conte, D. Maes, F.A.M. Tuytens and N. Devillers	10
Impact of nutrition on lameness and claw health in sows	
M.M.J. van Riet, S. Millet, M. Aluwé and G.P.J. Janssens	24
Treatment and prevention of lameness with special emphasis on claw disorders in group-housed sows	
L. Pluym, A. Van Nuffel and D. Maes	36
Cows	
Prevalence and risk factors for lameness in insulated free stall barns in Finland	
K. Sarjokari, K.O. Kaustell, T. Hurme, T. Kivinen, O.A.T. Peltoniemi, H. Saloniemi and P.J. Rajala-Schultz	44
Infectious diseases causing lameness in cattle with a main emphasis on digital dermatitis (Mortellaro disease)	
W. Refaai, M. Van Aert, A.M. Abd El-Aal, A.E. Behery and G. Opsomer	53
Impact of lameness and claw lesions in cows on health and production	
J.N. Huxley	64
Impact of nutrition on lameness and claw health in cattle	
I.J. Lean, C.T. Westwood, H.M. Golder and J.J. Vermunt	71
Exploration of measurement variation of gait variables for early lameness detection in cattle using the GAITWISE	
A. Van Nuffel, J. Vangeyte, K.C. Mertens, L. Pluym, S. De Campeneere, W. Saeys, G. Opsomer and S. Van Weyenberg	88
Control and prevention of lameness associated with claw lesions in dairy cows	
R.C. Bicalho and G. Oikonomou	96
Small Ruminants	
A review of footrot in sheep: Aetiology, risk factors and control methods	
H.W. Raadsma and J.R. Egerton	106
A review of footrot in sheep: New approaches for control of virulent footrot	
H.W. Raadsma and O.P. Dhungyel	115