

WP1 (expected) publications

Central genomic regulation of the expression of oestrous behaviour in dairy cows : a review. H. Woelders, T van der Lende, A. Kommadath, M.F.W. te Pas, M.A. Smits, L.M.T.E. Kaal., 2014. *Animal*, 8 : 754-764

Systemic modelling of bovine reproductive dynamics. O.Martin, M. Saint-Dizier, S. freret, F. Blanc. Expected submission June 2016

Overview of progesterone profiles in dairy cows; P. Blavy, M. Derks, O. Martin, J.K. Hoglund and N.C. Friggens. Describes the first highlight. Submitted to *Theriogenology*

Estimating chances of insemination success using milk progesterone measurements; P. Blavy, N.C. Friggens and M. Derks. Describes the second highlight. In preparation, expected submission end of October 2015.

Usefulness of the progesterone profile as a mirror of the fertility status of the dairy cow: a review; M. Derks and N.C. Friggens. Literature review of factors influencing the progesterone profile. In preparation, expected submission end of October 2015.

Using farmers' opinions to optimize the design and use of a reproduction timing tool; M. Derks, R. Bage, F. Blanc, P. Salvetti and U. Emanuelson. Expected spring 2016

Short communication : Economics of sex-biased milk production ; Ettema, J. F., Østergaard, S., 2015.. *Journal of Dairy Science*, 98, 1078-1081.

Ettema, J., Thomasen, J., Hjortø, L., Kargo, M., Ostergaard, S., Sørensen, A. C., 2016. Economic opportunities for using sexed semen and semen of beef bulls in dairy herds. *J. Dairy Sci.* (under revision).