

WP3 publications

Accepted publications

A.M.M. Tenghe, A.C. Bouwman, B. Berglund, E. Strandberg, J.Y. Blom, R.F. Veerkamp.

Estimating genetic parameters for fertility in dairy cows from in-line milk progesterone profiles

J. dairy Sci. 98:5763–5773 <http://dx.doi.org/10.3168/jds.2014-8732>

Conference presentations given

A.M.M. Tenghe, A.C. Bouwman, B. Berglund, E. Strandberg, R.F. Veerkamp.

Unravelling the genetic background for endocrine fertility traits in dairy cows. Proceedings of the 66th European Association of Animal Production, September 1st 2015, Warsaw, Poland

*D.C. Purfield, J.F. Kearney, D.P. Berry. **Imputation accuracy from high density genotypes to whole genome sequence in cattle.** Proceedings of the 66th European Association of Animal Production, September 1st 2015, Warsaw, Poland*

A.M.M. Tenghe, A.C. Bouwman, B. Berglund, E. Strandberg, R.F. Veerkamp.

Genetic Parameters for Endocrine Fertility Traits from In-line Milk Progesterone Records in Dairy Cows. Proceeding of the 10th World Congress on Genetics Applied to Livestock Production, Page 151, August 19th 2014, Vancouver, Canada.

Roel Veerkamp, Amabel Tenghe, Lucia Kaal, Aniek Bouwman. **Genetics and genomics of fertility in dairy cows.** Proceedings of the Nottingham Cattle Fertility Conference, page 25-30, June 23th 2014, Nottingham, UK.

Aniek Bouwman, Amabel Tenghe, Sander de Roos, Roel Veerkamp. **Genomic information to improve fertility.** ReprodAction Scientific Meetings (CEVA): Impact of Genomics and sexed semen technology on reproductive performance of cattle, October 28th 2014, El Castell de Ciutat, Spain.

Planned publications/ presentations

Full papers:

A.M.M. Tenghe, A.C. Bouwman, B. Berglund, E. Strandberg, R.F. Veerkamp.

Genome-wide association study for endocrine fertility traits with imputed whole-genome sequence of cows

Status: Finalizing draft

Date: 2015

D.C. Purfield, J.F. Kearney, D.P. Berry.

Imputation accuracy from high density genotypes to whole genome sequence in cattle.

Status: In progress

Date: 2016

A.M.M. Tenghe et al.

Accuracy of genomic prediction of fertility in dairy cows using endocrine and classical fertility traits

Status: Plan

Date: 2016

A.M.M. Tenghe et al.

Optimizing selection strategies for early fertility traits from in-line milk progesterone profiles in breeding programs for sustainable breeding

Status: Plan

Date: 2016

E. Wall et al.

New traits and new 'omics for fertility – Impact on breeding goal/programme

Status: plan

Date: 2016