

Pekka Uimari  
Professor, Supervisor for doctoral programme, Title of Docent  
Department of Agricultural Sciences  
Department of Agricultural Sciences  
Helsinki One Health (HOH)  
Animal Science Research  
Doctoral Programme in Clinical Veterinary Medicine  
Doctoral Programme in Sustainable Use of Renewable Natural Resources  
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## Employment

### Professor

Department of Agricultural Sciences  
University of Helsinki  
Finland  
1 Sept 2013 → present

### Title of Docent

Department of Agricultural Sciences  
University of Helsinki  
Finland  
1 Jan 2010 → present

### Helsinki One Health (HOH)

University of Helsinki  
HELSINGIN YLIOPISTO, Finland  
1 Jan 2019 → present

### Animal Science Research

University of Helsinki  
University of Helsinki, Finland  
1 Aug 2001 → present

### Supervisor for doctoral programme

Doctoral Programme in Clinical Veterinary Medicine  
University of Helsinki  
Finland  
1 Jan 2014 → present

### Supervisor for doctoral programme

Doctoral Programme in Sustainable Use of Renewable Natural Resources  
University of Helsinki  
Helsinki, Finland  
1 Jan 2014 → present

### **Research Manager**

MTT

Finland

1 Nov 2011 → 31 Aug 2013

### **Principal scientist**

MTT

Finland

1 Mar 2009 → 31 Aug 2018

### **Tutkija**

Jurilab Ltd

Finland

1 Aug 2002 → 28 Feb 2009

## **Research outputs**

### **Adipose gene expression profiles in Northern Finncattle, Mirandesa cattle, Yakutian cattle and commercial Holstein cattle**

Ruvinskiy, D., Amaral, A., Weldenegodguad, M., Ammosov, I., Honkatukia, M., Lindeberg, H., Peippo, J., Popov, R., Soppela, P., Stammler, F., Uimari, P., Ginja, C., Kantanen, J. & Pokharel, K., 27 Sept 2024, In: Scientific Reports. 14, 1, 14 p., 22216.

### **Polygenic selection in Finnish Ayrshire cows**

Sarviaho, K. J., Uimari, P. & Martikainen, K., 10 Sept 2024, p. 298. 1 p.

### **Jejunal transcriptomic profiling of carnosine synthesis precursor-related genes and pathways in slow-growing Korat chicken**

Promkhun, K., Sinpru, P., Bunnom, R., Molee, W., Kubota, S., Uimari, P. & Molee, A., Sept 2024, In: Poultry Science. 103, 9, 104046.

### **Signatures of positive selection after the introduction of genomic selection in the Finnish Ayrshire population**

Sarviaho, K. J., Uimari, P. & Martikainen, K., 14 Mar 2024, In: Journal of Dairy Science. 2024, 7, p. 4822-4832 12 p.

### **Inheritance of feed intake-based resilience traits and their correlation with production traits in Finnish pig breeds**

Kavliak, A. T. & Uimari, P., 1 Jan 2024, In: Journal of Animal Science. 102, 9 p., skae037.

### **Effect of carnosine synthesis precursors in the diet on jejunal metabolomic profiling and biochemical compounds in slow-growing Korat chicken**

Promkhun, K., Suwanvichanee, C., Tanpol, N., Katemala, S., Thumanu, K., Molee, W., Kubota, S., Uimari, P. & Molee, A., Dec 2023, In: Poultry Science. 102, 12, 12 p.

### **Novel runs of homozygosity islands in the Finnish Ayrshire population**

Sarviaho, K. J., Uimari, P. & Martikainen, K., 28 Aug 2023, p. 164. 1 p.

### **Thigh muscle metabolic response is linked to feed efficiency and meat characteristics in slow-growing chicken**

Kaewsatuan, P., Poompramun, C., Kubota, S., Yongsawatdigul, J., Molee, W., Uimari, P. & Molee, A., Jul 2023, In: Poultry Science. 102, 7, 11 p.

### **Estimating inbreeding rate and effective population size in the Finnish Ayrshire population in the era of genomic selection**

Sarviaho, K. J., Uimari, P. & Martikainen, K., May 2023, In: Journal of Animal Breeding and Genetics. 140, 3, p. 343-353 11 p.

**Disease detection in pigs based on feeding behaviour traits using machine learning**

Kavliak, A. T., Pastell, M. & Uimari, P., Feb 2023, In: Biosystems Engineering. 226, p. 143-143 1 p.

**Heritability of the elk hunting traits in the Finnish Jamthund population**

Sarviaho, K. J. & Uimari, P., 20 Jan 2023, In: Acta Agriculturae Scandinavica. Section A. Animal Science. 10 p.

**Comparative proteomics revealed duodenal metabolic function associated with feed efficiency in slow-growing chicken**

Kaewsatuan, P., Poompramun, C., Kubota, S., Yongsawatdigul, J., Molee, W., Uimari, P. & Molee, A., Jun 2022, In: Poultry Science. 101, 6, 11 p., 101824.

**Single-step genomic evaluation of Russian dairy cattle using internal and external information**

Kudinov, A. A., Mäntysaari, E. A., Pitkänen, T. J., Saksa, E. I., Aamand, G. P., Uimari, P. & Strandén, I., May 2022, In: Journal of Animal Breeding and Genetics. 139, 3, p. 259-270 12 p.

**Effect of genomic selection on genetic variability in chromosomal level in the Finnish Ayrshire**

Sarviaho, K. J., Uimari, P. & Martikainen, K., 2022, *Proceedings of 12th World Congress on Genetics Applied to Livestock Production (WCGALP)*. Wageningen: Wageningen Academic Publishers, p. 980-983

**Identification of copy number variations and candidate genes for reproduction traits in Finnish pig populations**

Iso-Touru, T., Uimari, P., Elo, K., Sevón-Aimonen, M.-L. & Sironen, A., 2022, In: Agricultural and Food Science. 31, 3, p. 149-159 11 p.

**Estimation of social genetic effects on feeding behaviour and production traits in pigs**

Kavliak, A. T., Strandén, E., Lidauer, M. H. & Uimari, P., Mar 2021, In: Animal. 15, 3, 8 p., 100168.

**Deletion of porcine BOLL is associated with defective acrosomes and subfertility in Yorkshire boars**

Noskova, A., Wurmser, C., Crysnanto, D., Sironen, A., Uimari, P., Fries, R., Andersson, M. & Pausch, H., Dec 2020, In: Animal Genetics. 51, 6, p. 945-949 5 p.

**Metafounder approach for single-step genomic evaluations of Red Dairy cattle**

Kudinov, A. A., Mäntysaari, E. A., Aamand, G. P., Uimari, P. & Strandén, I., Jul 2020, In: Journal of Dairy Science. 103, 7, p. 6299-6310 12 p.

**Identification of runs of homozygosity affecting female fertility and milk production traits in Finnish Ayrshire cattle**

Martikainen, K., Koivula, M. & Uimari, P., 2 Mar 2020, In: Scientific Reports. 10, 1, 9 p., 3804.

**Estimation of heritability of feeding behaviour traits and their correlation with production traits in Finnish Yorkshire pigs**

Kavliak, A. T. & Uimari, P., Nov 2019, In: Journal of Animal Breeding and Genetics. 136, 6, p. 484-494 11 p.

**Estimation of intrachromosomal inbreeding depression on female fertility using runs of homozygosity in Finnish Ayrshire cattle**

Martikainen, K., Sironen, A. & Uimari, P., Dec 2018, In: Journal of Dairy Science. 101, 12, p. 11097-11107 11 p.

**Assessing the genetic differentiation of Holstein cattle herds in the Leningrad region using  $F_{st}$  statistics**

Smaragdov, M. G., Kudinov, A. A. & Uimari, P., 2018, In: Agricultural and Food Science. 27, 2, p. 96-101 6 p.

**Developing a genetic evaluation system for milk traits in Russian black and white dairy cattle**

Kudinov, A. A., Juga, J., Mäntysaari, E. A., Strandén, I., Saksa, E. I., Smaragdov, M. G. & Uimari, P., 2018, In: Agricultural and Food Science. 27, 2, p. 85-95 11 p.

**The use of runs of homozygosity for intra-chromosomal estimation of inbreeding depression on female fertility in Finnish Ayrshire cattle**

Martikainen, K. & Uimari, P., 2018, In: Proceedings of the World Congress on Genetics Applied to Livestock Production. 2018, 423

### **Estimation of inbreeding depression on female fertility in the Finnish Ayrshire population**

Martikainen, K., Tyrisevä, A. M., Matilainen, K., Pösö, J. & Uimari, P., Oct 2017, In: Journal of Animal Breeding and Genetics. 134, 5, p. 383-392 10 p.

### **Genome-wide SNP data unveils the globalization of domesticated pigs**

Yang, B., Cui, L., Perez-Enciso, M., Traspov, A., Crooijmans, R. P. M. A., Zinovieva, N., Schook, L. B., Archibald, A., Gatphayak, K., Knorr, C., Triantafyllidis, A., Alexandri, P., Semiadi, G., Hanotte, O., Dias, D., Dovc, P., Uimari, P., Iacolina, L., Scandura, M. & Groenen, M. A. M. & 2 others, Huang, L. & Megens, H.-J., 21 Sept 2017, In: Genetics Selection Evolution. 49, 15 p., 71.

### **Novel harmful recessive haplotypes for reproductive traits in pigs**

Haggman, J. & Uimari, P., Apr 2017, In: Journal of Animal Breeding and Genetics. 134, 2, p. 129-135 7 p.

### **Whole-genome association analysis of pork meat pH revealed three significant regions and several potential genes in Finnish Yorkshire pigs**

Verardo, L. L., Sevón-Aimonen, M.-L., Serenius, T., Hietakangas, V. & Uimari, P., 13 Feb 2017, In: BMC Genetics. 18, 15 p., 13.

### **Lypsykarjan genominen valinta**

Juga, J. K., Sillanpää, M. J., Mäntysaari, E. A., Mäki-Tanila, A. V. & Uimari, J. P., 2017, *Maailma muuttuu - muuttuuko maatalous?* Seppänen, M. & Kymäläinen, H.-R. (eds.). 2 ed. Helsinki: Unigrafia, p. 220 - 226 7 p.

### **Upgrading Dairy Cattle Evaluation System in Russian Federation**

Kudinov, A. A., Juga, J. K., Uimari, J. P., Mäntysaari, E. A., Strandén, I. J., Plemyashov, K. V., Saksa, E. I. & Smaragdov, M. G., 2017, In: Interbull Bulletin. 51, p. 67-74 8 p.

### **Heritability of hypothyroidism in the Finnish Hovawart population**

Åhlgren, J. K. & Uimari, J. P., 1 Jun 2016, In: Acta Veterinaria Scandinavica. 58, 5 p., 39.

### **A combination of two variants in PRKAG3 is needed for a positive effect on meat quality in pigs**

Uimari, P. & Sironen, A., 28 Feb 2014, In: BMC Genetics. 15, 9 p., 29.

### **Preface**

Uimari, P., 2014, In: Agricultural and Food Science. 23, 1, p. 1 1 p.

### **Reliability of Genomic Selection of Reproduction Traits in Finnish Yorkshire Pig Breed**

Uimari, P., Sevón-Aimonen, M.-L. & Serenius, T., 2014, *10th World Congress of Genetics Applied to Livestock Production: Abstracts and Proceedings*. [Vancouver]: World Congress on Genetics Applied to Livestock Production, WCGALP, 3 p.

### **Ectopic KIT copy number variation underlies impaired migration of primordial germ cells associated with gonadal hypoplasia in cattle (*Bos taurus*)**

Venhoranta, H., Pausch, H., Wysocki, M., Szczerbal, I., Hänninen, R., Taponen, J., Uimari, P., Flisikowski, K., Lohi, H., Fries, R., Switonski, M. & Andersson, M., 2013, In: PLoS One. 8, 9, 11 p., e75659.

Evidence for three highly significant QTL for meat quality traits in the Finnish Yorkshire pig breed.

Uimari, P., Sironen, A. & Sevón-Aimonen, M.-L., 2013, In: Journal of Animal Science. 2013, 91, p. 2001-2011

Heritability of sow longevity and lifetime prolificacy in Finnish Yorkshire and Landrace pigs.

Uimari, P. & Sevón-Aimonen, M.-L., 2013, In: Agricultural and Food Science. 22, p. 325-330

L1 insertion within SPEF2 gene is associated with increased litter size in the Finnish Yorkshire population.

Sironen, A., Uimari, P., Iso-Touru, T. & Vilkki, J., 2012, In: Journal of Animal Breeding and Genetics. 129, p. 92-97

Comparison of different DNA extraction methods from hair root follicles to genotype Finnish Landrace boars with the Illumina PorcineSNP60 BeadChip

Sironen, A., Uimari, P. & Vilkki, J., Jun 2011, In: *Agricultural and Food Science*. 20, 2, p. 143-150 8 p.

Extent of linkage disequilibrium and effective population size in Finnish Landrace and Finnish Yorkshire pig breeds

Uimari, P. & Tapio, M., Mar 2011, In: *Journal of Animal Science*. 89, 3, p. 609-614 6 p.

Whole-genome SNP association analysis of reproduction traits in the Finnish Landrace pig breed.

Uimari, P., Sironen, A. & Sevon-Aimonen, M.-L., 2011, In: *Genetics Selection Evolution*. 43, p. 42

**Knobbed acrosome defect is associated with a region containing the genes STK17b and HECW2 on porcine chromosome 15**

Sironen, A., Uimari, P., Nagy, S., Paku, S., Andersson, M. & Vilkki, J., 9 Dec 2010, In: *BMC Genomics*. 11, art. 699, 8 p., 699.

Genetic parameters for bone strength, osteochondrosis and meat percentage in Finnish Landrace and Yorkshire pigs

Storskrubb, A., Sevon-Aimonen, M.-L. & Uimari, P., Aug 2010, In: *Animal*. 4, 8, p. 1319-1324 6 p.

Effect of polymorphisms in candidate genes on reproduction traits in Finnish pig populations

Sironen, A. I., Uimari, P., Serenius, T., Mote, B., Rothschild, M. & Vilkki, J., Mar 2010, In: *Journal of Animal Science*. 88, 3, p. 821-827 7 p.

Spermine analogue-regulated expression of spermidine/spermine N1-acetyltransferase and its effects on depletion of intracellular polyamine pools in mouse fetal fibroblasts

Uimari, A., Keinanen, T. A., Karppinen, A., Woster, P., Uimari, P., Janne, J. & Alhonen, L., 15 Aug 2009, In: *Biochemical Journal*. 422, p. 101-109 9 p.

Type 2 diabetes whole genome association study in four populations: the DiaGen consortium

Salonen, J. T., Uimari, P., Aalto, J.-M., Pirskanen, M., Kaikkonen, J., Todorova, B., Hyppönen, J., Korhonen, V., Asikainen, J., Devine, C., Tuomainen, T., Luedemann, J., Nauck, M., Kerner, W., Stephens, R., New, J., Ollier, W., Gibson, J., Payton, A. & Horan, M. & 8 others, Pendleton, N., Mahoney, W., Meyre, D., Deplanque, J., Froguel, P., Luzzatto, O., Yakir, B. & Darvasi, A., Sept 2007, In: *Diabetologia*. 50, p. S40-S40 1 p.

Genome-wide linkage disequilibrium from 100,000 SNPs in the East Finland founder population

Uimari, P., Kontkanen, O., Visscher, P., Pirskanen, M., Fuentes, R. & Salonen, J., Jun 2005, In: *Twin Research and Human Genetics*. 8, 3, p. 185-197 13 p.

**A novel mechanism for endothelial dysfunction in pregnancy: role of DDAH1 haplotypes in preeclampsia**

Akbar, F., Heinonen, S., Pirskanen, M., Uimari, P., Tuomainen, T.-P. & Salonen, J., 2005, In: *Molecular Human Reproduction*. 11, p. 73-77

New paraoxonase 1 polymorphism I102V and the risk of prostate cancer in Finnish men

Marchesani, M., Hakkarainen, A., Tuomainen, T., Kaikkonen, J., Pukkala, E., Uimari, P., Seppala, E., Matikainen, M., Kallioniemi, O., Schleutker, J., Lehtimäki, T. & Salonen, J., 4 Jun 2003, In: *Journal of the National Cancer Institute*. 95, 11, p. 812-818 7 p.

Chromosome 19q13 and multiple sclerosis susceptibility in Finland: a linkage and two-stage association study

Reunanen, K., Finnila, S., Laaksonen, M., Hiekkalinna, T., Sumelahti, M., Wikstrom, J., Pastinen, T., Kuokkanen, S., Saarela, J., Uimari, P., Ruutiainen, J., Ilonen, J., Peltonen, L. & Tienari, P., May 2002, In: *Journal of Neuroimmunology*. 126, 1-2, p. 134-142 9 p., PII S0165-5728(02)00051-6.

Multiple QTL mapping in related plant populations via a pedigree-analysis approach

Bink, M., Uimari, P., Sillanpää, M., Janss, L. & Jansen, R., Apr 2002, In: *Theoretical and Applied Genetics*. 104, 5, p. 751-762 12 p.

**Mapping of an immotile short tail sperm defect in the Finnish Yorkshire on porcine Chromosome 16**

Sironen, A. I., Andersson, M., Uimari, P. & Vilkki, J., 2002, In: Mammalian Genome. 13, p. 45-49 5 p.

**Multiple QTL mapping in related plant populations via a pedigree-analysis approach**

Bink, M. C. A. M., Uimari, P., Sillanpää, M. J., Janss, L. L. G. & Jansen, R. C., 2002, In: Theoretical and Applied Genetics. 104, 5, p. 751-762

**Bayesian oligogenic analysis of quantitative and qualitative traits in general pedigrees**

Uimari, P. & Sillanpää, M., Nov 2001, In: Genetic Epidemiology. 21, 3, p. 224-242 19 p.

**Respiratory distress syndrome: evaluation of genetic susceptibility and protection by transmission disequilibrium test**

Haataja, R., Marttila, R., Uimari, P., Lofgren, J., Ramet, M. & Hallman, M., Sept 2001, In: Human Genetics. 109, 3, p. 351-355 5 p.

**Bayesian association mapping for quantitative traits in a mixture of two populations**

Sillanpää, M. J., Kilpikari, R., Ripatti, S., Onkamo, P. & Uimari, P., 2001, In: Genetic Epidemiology. 21, Suppl. 1, p. S692-S699

**Bayesian association mapping for quantitative traits in a mixture of two populations**

Sillanpää, M., Kilpikari, R., Ripatti, S., Onkamo, P. & Uimari, P., 2001, In: Genetic Epidemiology. 21, p. S692-S699 8 p.

**Bayesian oligogenic analysis of quantitative and qualitative traits in general pedigrees**

Uimari, P. & Sillanpää, M. J., 2001, In: Genetic Epidemiology. 21, 3, p. 224-242

**Candidate gene regions and genetic heterogeneity in gluten sensitivity**

Holopainen, P., K, M., Uimari, P., Collin, P., Mäki, M. & Partanen, J., 2000, In: Gut. 48, 5, p. 696-701 6 p.

**The effect of using different culling regimens on genetic response with two-trait, two-stage selection in a nucleus broiler stock**

Mehrabani-Yeganeh, H., Gibson, J. & Uimari, P., Jul 1999, In: Poultry Science. 78, 7, p. 931-936 6 p.

**A Bayesian MCMC Approach to Map Disease Genes in Simulated GAW11 data**

Uimari, P., Pitkaniemi, J. M. & Onkamo, P., 1999, In: Genetic Epidemiology. 17, Suppl. 1, p. S743-S748 8 p.

**Mapping quantitative trait loci for milk production and health of dairy cattle in a large outbred pedigree**

Zhang, Q., Boichard, D., Hoeschele, I., Ernst, C., Eggen, A., Murkve, B., Pfister-Genskow, M., Witte, L., Grignola, F., Uimari, P., Thaller, G. & Bishop, M., Aug 1998, In: Genetics. 149, 4, p. 1959-1973 15 p.

**The value of crossbreeding information in selection of poultry under a dominance model**

Uimari, P. & Gibson, J., Apr 1998, In: Animal Science. 66, p. 519-528 10 p.

**Advances in statistical methods to map quantitative trait loci in outbred populations**

Hoeschele, I., Uimari, P., Grignola, F., Zhang, Q. & Gage, K., Nov 1997, In: Genetics. 147, 3, p. 1445-1457 13 p.

**Mapping-linked quantitative trait loci using Bayesian analysis and Markov chain Monte Carlo algorithms**

Uimari, P. & Hoeschele, I., Jun 1997, In: Genetics. 146, 2, p. 735-743 9 p.

**Sensitivity of segregation analysis to data structure and transformation: A case study of trypanotolerance in mice**

Uimari, P., Kemp, S., Dekkers, J., Teale, A. & Kennedy, B., Apr 1997, In: Heredity. 78, p. 424-432 9 p.

The use of multiple markers in a Bayesian method for mapping quantitative trait loci  
Uimari, P., Thaller, G. & Hoeschele, I., Aug 1996, In: Genetics. 143, 4, p. 1831-1842 12 p.

Power and sensitivity of some simple tests for detection of major genes in outbred populations  
Uimari, P., Kennedy, B. & Dekkers, J., Feb 1996, In: Journal of Animal Breeding and Genetics. 113, 1, p. 17-28 12 p.

Power and parameter estimation of complex segregation analysis under a finite locus model  
Uimari, P., Kennedy, B. & Dekkers, J., 1996, In: Genetics Selection Evolution. 28, 4, p. 345-358 14 p.

Relationship between bull dam herd characteristics and bias in estimated breeding value of bull  
Uimari, P. & Mantysaari, E., 1995, In: Agricultural science in Finland. 4, 5-6, p. 463-472 10 p.

REPEATABILITY AND BIAS OF ESTIMATED BREEDING VALUES FOR DAIRY BULLS AND BULL DAMS  
CALCULATED FROM ANIMAL-MODEL EVALUATIONS  
UIMARI, P. & MANTYSAARI, E., Oct 1993, In: Animal production. 57, p. 175-182 8 p.

ACCURACY OF GENETIC EVALUATIONS IN DOMINANCE GENETIC MODELS ALLOWING FOR INBREEDING  
Uimari, P. & Mäki-Tanila, A., Dec 1992, In: Journal of Animal Breeding and Genetics. 109, 6, p. 401-407 7 p.

## Activities

### **Agriatura General Assembly and Conference 2024**

Autio, A. (Speaker: Chair), Kurki, K. E. (Member of organizing committee), Uimari, P. (Member of organizing committee) & Rokka, S. (Member of organizing committee)  
13 May 2024 → 16 May 2024

### **Vastaväittäjä Suranaree University**

Uimari, P. (Supervisor)  
24 Feb 2023

### **Suranaree University of Technology**

Uimari, P. (Visiting researcher)  
15 Dec 2018 → 20 Dec 2018

### **Vastaväittäjä Kiinan Maatalousyliopisto**

Uimari, P. (Supervisor)  
23 Oct 2018

### **Alper Tuna Kavlak PhD thesis supervision**

Uimari, P. (Supervisor)  
2018 → ...

### **Canadian Journal of Animal Science (Journal)**

Uimari, P. (Reviewer)  
2017 → ...

### **Vastaväittäjä SLU, Ruotsi**

Uimari, P. (Opponent)  
2 Dec 2016

### **Väitöskirjan esitarkastaja, HY**

Uimari, P. (Pre-examiner)  
1 Aug 2016 → 15 Sept 2016

**Vastaväittäjä Aarhusin Yliopisto, Tanska**

Uimari, P. (Opponent)  
29 Feb 2016

**Katja Martikainen PhD thesis supervision**

Mäki-Tanila, A. (Supervisor) & Uimari, J. P. (Supervisor)  
2016 → ...

**Vastaväittäjä Wageningenin Yliopisto**

Uimari, P. (Opponent)  
9 Dec 2015

**66th Annual Meeting of the European Federation of Animal Science (EAAP)**

Uimari, P. (Attendee)  
30 Aug 2015 → 4 Sept 2015

**Faculty of Social Sciences Gender Studies Teaching Basket (External organisation)**

Uimari, P. (Member)  
May 2015 → 2016

**Scientific Reports (Journal)**

Uimari, P. (Member of editorial board)  
1 Nov 2014 → ...

**Maa- ja Elintarvitalouden Tutkimuslaitos (External organisation)**

Uimari, P. (Expert member)  
Oct 2014 → ...

**10th World Congress on Genetics Applied to Livestock Production**

Uimari, P. (Attendee)  
17 Aug 2014 → 22 Aug 2014

**NOVA Kurssi Advanced quantitative genetics for animal breeding**

Uimari, P. (Chair of organizing committee)  
9 Jun 2014 → 14 Jun 2014

**Agricultural and Food Science (Journal)**

Uimari, P. (Editor in chief)  
1 Jan 2014 → 31 Dec 2017

**Vastaväittäjä SLU, Ruotsi**

Uimari, P. (Opponent)  
5 Dec 2013

**Projects****SSJS sikagenomiikka 2**

Uimari, P. (Project manager)  
Suomen sianjalostuksen säätiö  
01/06/2023 → 31/12/2025

**University profiling funding 7 InterEarth RESET**

Airavaara, M. (Project manager), Heiskanen, J. (Project manager), Huiskonen, J. (Project manager), Hyvärinen, M. (Project manager), Kulmala, M. (Project manager), Kulmala, M. (Project manager), Mervaala, E. (Project manager),



Mäkelä, J. (Project manager), Primmer, C. (Project manager), Räsänen, A. (Project manager), Sironen, T. (Project manager), Toivonen, R. (Project manager), Aalto, P. (Participant), Ahonen, L. (Participant), Alakukku, L. (Participant), Auvinen, P. (Participant), Betz-Heinemann, A. (Participant), Citterico, M. (Participant), Ecke, F. (Participant), El Wali, M. (Participant), Eronen, J. T. (Participant), Fuentenebro Alonso, P. (Participant), Gammal, J. (Participant), Green, S. (Participant), Haaranen, D. A. P. (Participant), Heikinheimo, A. (Participant), Heinonen, M. (Participant), Heinonen, S. (Participant), Hohti, R. (Participant), Holopainen, M. (Participant), Hyytiäinen, K. (Participant), Jokiranta, J. (Participant), Kaartinen, T. (Participant), Karhu, K. (Participant), Kaukonen, M. (Participant), Kemppinen, J. (Participant), Kerminen, V.-M. (Participant), Kiljunen, S. (Participant), Kolari, P. (Participant), Korpela, K. (Participant), Koskinen, M. (Participant), Lajunen, A. (Participant), Lampilahti, J. (Participant), Lehto, K.-M. (Participant), Lewandowska, A. (Participant), Lindholm, T. M. (Participant), Lindroos, M. (Participant), Lintunen, A. (Participant), Luomanen, P. (Participant), Mappes, J. (Participant), Mietola, R. (Participant), Mühleip, A. W. (Participant), Nordström, M. C. (Participant), Norkko, J. (Participant), Omija Korpela, J. A. (Participant), Paasonen, P. (Participant), Pietikäinen, J. (Participant), Pihlatie, M. (Participant), Poupart, T. A. (Participant), Pyllkkö, T. (Participant), Raivonen, M. (Participant), Rasmus, L. S. (Participant), Ruohomäki, A. I. (Participant), Ryhti-Laine, K. (Participant), Saari, T. (Participant), Sadeghibagherabadi, A. (Participant), Sandström, V. (Participant), Sikanen, T. (Participant), Siven, M. (Participant), Spisak, S. M. (Participant), Su, X. (Participant), Syrjä, P. (Participant), Taira, T. (Participant), Tani, S. (Participant), Tanskanen, T. T. (Participant), Tatti, N. (Participant), Thomas, D. N. (Participant), Tiira, T. (Participant), Toppinen, A. (Participant), Uimari, P. (Participant), Uusitalo, J. A. (Participant), Vainio, A. (Participant), Varjosalo, M. (Participant), Vartiainen, M. (Participant), Veikkolainen, T. (Participant) & Zaidan, M. A. (Participant)

Academy of Finland, Suomen Akatemia Projektilaskutus

01/01/2023 → 31/12/2028