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Curriculum vitae

Previous employment
Department of Applied Biology, University of Helsinki, Finland
Visiting Scientist 06.08.2005 – 31.01.2007
School of Applied Sciences, University of Wolverhampton, UK
Professor of Crop Improvement 01.08.2004 – 01.08.2005
Reader 04.01.2001 – 31.07.2004
Plant Breeding Institute, The University of Sydney and the Quality Wheat CRC Ltd, Australia
Senior Research Fellow 01.09.1998 – 01.01.2001
Research Fellow 01.07.1995 – 01.09.1998
Plant Breeding Institute, The University of Sydney, Australia
Research Fellow 01.01.1992 – 30.06.1995
Department of Plant Sciences, The University of Adelaide, Australia
Research Fellow 01.05.1988 – 31.12.1991
Research Associate 05.12.1985 – 30.04.1988
Education and training
University of Cambridge and Plant Breeding Institute, Cambridge, UK 1981-1985
PhD, 08.06.1985
Project: Fertilisation in *Vicia faba* L. in relation to breeding objectives
Scholarships: Imperial Oil (Canada) Graduate Research Fellowship; St. John's College (Cambridge) Benefactor's Studentship
University of Ottawa, Ottawa, Canada 1978-1981
MSc (Biology), 25.05.1981
Scholarship: Centennial Science Scholarship, Natural Sciences and Engineering Research Council of Canada
Carleton University, Ottawa, Canada 1974-1978
BSc (First Class Honours in Biology), 1978; University Medal in Science 1978

Qualifications

Plant Breeding, PhD, Fertilisation in *Vicia faba* L. in relation to breeding objectives , University of Cambridge
Award Date: 8 Jun 1985
Biology, MSc, Correlative effects of stock and scion organs on the developmental anatomy of the graft union in Coleus, University of Ottawa
Award Date: 28 May 1981

Biology, BSc (First Class Honours), Development of the graft union in pea roots, Carleton Univ, Carleton University, Dept Biol
Award Date: 29 Jun 1978

Principal Investigator

Period : 14.06.2010 - * in Department of Agricultural Sciences

Employment

Professor

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1 Jan 2025 → present

Title of Docent

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1 Jan 2010 → present

Helsinki Institute of Sustainability Science (HELSUS)

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Helsingin yliopisto, Finland
1 Jan 2018 → present

Viikki Plant Science Centre (ViPS)

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1 Jan 2014 → present

Crop Science Research Group

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1 Feb 2007 → present

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Legume science
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Doctoral Programme in Sustainable Use of Renewable Natural Resources
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Research outputs in refereed journals

Narrowing the ecological yield gap to sustain crop yields with less inputs

van Ittersum, M. K., Silva, J. V., Bommarco, R., Hijbeek, R., Lundin, O., Nandillon, R., Bergkvist, G., Menegat, A., Oborn, I., Soderholm-Emas, A., Stoddard, F. L., Vico, G., Vonk, W. J., Watson, C. A. & MacLaren, C., Jun 2025, In: Global Food Security. 45, 13 p., 100857.

Phenotyping revealed tolerance traits and genotypes for acidity and aluminum toxicity in European *Vicia faba* L

Belachew, K., Skovbjerg, C. K., Andersen, S. U. & Stoddard, F., 25 Jun 2024, In: Physiologia Plantarum. 176, 3, 17 p., e14404.

True ileal amino acid digestibility and protein quality of 15N-labeled faba bean in healthy humans

Itkonen, S. T., Calvez, J., Airinei, G., Chapelais, M., Khodorova, N., Sahaka, M., Benamouzig, R., Stoddard, F. L., Simojoki, A., Pajari, A.-M. & Gaudichon, C., 2024, In: Journal of Nutrition. 154, p. 1165-1174 10 p.

Management factors affecting faba bean yield

Belachew, K., Söderholm-Emas, A. E., Topp, C. F. E., Watson, C. A. & Stoddard, F., 31 Dec 2023, In: Legume perspectives. 24, p. 15-17 3 p.

A faba bean pan-genome for advancing sustainable protein security

Auvinen, P., Chang, W., Holm, L., James, M., Jääskeläinen, M., Khazaei, H., Laine, P., Paulin, L., Guedes Salgado, M. P., Stoddard, F., Tanskanen, J., Törönen, P. & Schulman, A., Dec 2023, In: Legume perspectives. 24, p. 7-9

Grain legume production in Europe for food, feed and meat-substitution

van Loon, M. P., Alimaghams, S., Pronk, A., Fodor, N., Ion, V., Kryvoshein, O., Kryvobok, O., Marrou, H., Mihail, R., Minguez, M. I., Pulina, A., Reckling, M., Rittler, L., Rogero, P. P., Stoddard, F. L., Topp, C. F. E., van der Wel, J., Watson, C. & van Ittersum, M. K., Dec 2023, In: Global Food Security. 39, 100723.

Reproductive potential of the black bean aphid (*Aphis fabae* Scop.) on a range of faba bean (*Vicia faba* L.) accessions

Skovgard, H. & Stoddard, F., Dec 2023, In: Legume Science. 5, 4, 9 p., e199.

Identifying physiological and genetic determinants of faba bean transpiration response to evaporative demand

Mandour, H., Khazaei, H., Stoddard, F. & Dodd, I. C., 4 Apr 2023, In: Annals of Botany. 131, 3, p. 533–544 12 p.

Evaluation of pathogenicity of *Botrytis* species isolated from different legumes

Brauna-Morzevska, E., Stoddard, F. L., Bankina, B., Kaneps, J., Bimsteine, G., Petrova, I., Neusa-Luca, I., Roga, A. & Fridmanis, D., 27 Mar 2023, In: Frontiers in plant science. 14, 11 p.

The giant diploid faba genome unlocks variation in a global protein crop

Jayakodi, M., Golicz, A. A., Kreplak, J., Fechete, L. I., Angra, D., Bednář, P., Bornhofen, E., Zhang, H., Boussageon, R., Kaur, S., Cheung, K., Čížková, J., Gundlach, H., Hallab, A., Imbert, B., Keeble-Gagnère, G., Kobližková, A., Kobrlová, L., Krejčí, P. & Mouritzen, T. W. & 34 others, Neumann, P., Nadzieja, M., Nielsen, L. K., Novák, P., Orabi, J., Padmarasu, S., Robertson-Shersby-Harvie, T., Robledillo, L. Á., Schiemann, A., Tanskanen, J., Törönen, P., Warsame, A. O., Wittenberg, A. H. J., Himmelbach, A., Aubert, G., Courty, P. E., Doležel, J., Holm, L. U., Janss, L. L., Khazaei, H., Macas, J., Mascher, M., Smýkal, P., Snowdon, R. J., Stein, N., Stoddard, F. L., Stougaard, J., Tayeh, N., Torres, A. M., Usadel, B., Schubert, I., O'Sullivan, D. M., Schulman, A. H. & Andersen, S. U., 23 Mar 2023, In: Nature. 615, 7953, p. 652-659 27 p.

New approach combining food value with nutrient budgeting provides insights into the value of alternative farming systems
Willoughby, C., Topp, C. F. E., Hallett, P. D., Stockdale, E. A., Stoddard, F. L., Walker, R. L., Hilton, A. J. & Watson, C. A., Nov 2022, In: Food and Energy Security. 11, 4, 16 p.

Stable nitrogen-cycling capacity in relation to fertilization and intercropping in a sub-boreal grassland
Li, H., Penttilä, P., Juhanson, J., Stoddard, F., Hallin, S. & Lindström, K., Nov 2022, In: European Journal of Soil Biology. 113, 8 p., 103441.

Yield Gaps of Major Cereal and Grain Legume Crops in Ethiopia: A Review
Belachew, K., Maina, N., Dersseh, W. M., Zeleke, B. & Stoddard, F., 17 Oct 2022, In: Agronomy. 12, 10, p. 1-22 22 p., 2528.

Narrow-leaved lupin (*Lupinus angustifolius* L.): Characterization of emulsification and fibre properties
Arzami, A., Morais de Carvalho, D., Vilaplana, F., Stoddard, F. & Mikkonen, K. S., 29 Sept 2022, In: Future Foods. 6, 100192.

Genomic regions associated with chocolate spot (*Botrytis fabae* Sard.) resistance in faba bean (*Vicia faba* L.)
Gela, T. S., Bruce, M., Chang, W., Stoddard, F. L., Schulman, A. H., Vandenberg, A. & Khazaie, H., Jun 2022, In: Molecular Breeding. 42, 10 p., 35.

Agro-economic prospects for expanding soybean production beyond its current northerly limit in Europe
Karges, K., Bellingrath-Kimura, S. D., Watson, C. A., Stoddard, F. L., Halwani, M. & Reckling, M., Feb 2022, In: European Journal of Agronomy. 133, 9 p., 126415.

Recent advances in faba bean genetic and genomic tools for crop improvement
Khazaie, H., O'Sullivan, D. M., Stoddard, F. L., Adhikari, K. N., Paull, J. G., Schulman, A. H., Andersen, S. U. & Vandenberg, A., Sept 2021, In: Legume Science. 3, 3, 13 p., 75.

Discrimination of leaf diseases affecting faba bean (*Vicia faba*)
Bankina, B., Bimsteine, G., Kaneps, J., Pluduma-Paunina, I., Gaile, Z., Paura, L. & Stoddard, F. L., 4 Jul 2021, In: Acta Agriculturae Scandinavica. Section B. Soil and Plant Science. 71, 5, p. 399-407 9 p.

Botrytis four species are associated with chocolate spot disease of faba bean in Latvia
Bankina, B., Stoddard, F. L., Kaneps, J., Brauna-Morzevska, E., Bimsteine, G., Neusa-Luca, I., Roga, A. & Fridmanis, D., 2021, In: Zemdirbyste. 108, 4, p. 297-302 6 p.

Physiological and Biochemical Basis of Faba Bean Breeding for Drought Adaptation —A Review
Muktadir, M. A., Adhikari, K., Merchant, A., Belachew, K., Vandenberg, A., Stoddard, F. & Khazaie, H., 7 Sept 2020, In: Agronomy. 10, 9, 19 p., 1345.

Evaluation of yield, yield stability, and yield–protein relationship in 17 commercial faba bean cultivars
Skovbjerg, C. K., Knudsen, J. N., Füchtbauer, W., Stougaard, J., Stoddard, F. L., Janss, L. & Andersen, S. U., Sept 2020, In: Legume Science. 2, 3, 11 p.

Response of Soil Bacterial Community Diversity and Composition to Time, Fertilization, and Plant Species in a Sub-Boreal Climate
Li, H., Penttilä, P., Mikkonen, A., Stoddard, F. L. & Lindstrom, K., 5 Aug 2020, In: Frontiers in Microbiology. 11, 12 p., 1780.

Preparation and Characterization of Emulsion Gels from Whole Faba Bean Flour
Jiang, Z.-Q., Wang, J., Stoddard, F., Salovaara, H. & Sontag-Strohm, T., 7 Jun 2020, In: Foods. 9, 6, 15 p., 755.

Genomic-based root plasticity to enhance abiotic stress adaptation and edible yield in grain crops
Dwivedi, S. L., Stoddard, F. L. & Ortiz, R., Jun 2020, In: Plant Science. 295, 10 p., 110365.

The transgenerational effects of solar short-UV radiation differed in two accessions of *Vicia faba* L. from contrasting UV environments

Yan, Y., Stoddard, F. L., Neugart, S., Oravec, M., Urban, O., Sadras, V. O. & Aphalo, P. J., May 2020, In: Journal of Plant Physiology. 248, 14 p., 153145.

Re-designing organic grain legume cropping systems using systems agronomy

Reckling, M., Bergkvist, G., Watson, C. A., Stoddard, F. L. & Bachinger, J., Jan 2020, In: European Journal of Agronomy. 112, 13 p., 125951.

Genetic analysis of photosynthesis-related traits in faba bean (*Vicia faba*) for crop improvement

Khazaei, H., Wach, D., Pecio, A., Vandenberg, A. & Stoddard, F. L., Dec 2019, In: Plant Breeding. 138, 6, p. 761-769 9 p.

Palindromic sequence-targeted (PST) PCR: a rapid and efficient method for high-throughput gene characterization and genome walking

Kalendar, R., Shustov, A., Seppänen, M. M., Schulman, A. H. & Stoddard, F. L., 27 Nov 2019, In: Scientific Reports. 9, 17707, 11 p., 17707.

Association of Shoot and Root Responses to Water Deficit in Young Faba Bean (*Vicia faba* L.) Plants

Belachew, K. Y., Nagel, K. A., Poorter, H. & Stoddard, F. L., 4 Sept 2019, In: Frontiers in plant science. 10, 10 p., 1063.

Eliminating vicine and convicine, the main anti-nutritional factors restricting faba bean usage

Khazaei, H., Purves, R. W., Hughes, J., Link, W., O'Sullivan, D. M., Schulman, A. H., Björnsdotter, E., Geu-Flores, F., Nadzieja, M., Andersen, S. U., Stougaard, J., Vandenberg, A. & Stoddard, F. L., Sept 2019, In: Trends in Food Science & Technology. 91, p. 549-556 8 p.

Genotypic variation in leaf epicuticular wax quantity in a large faba bean (*Vicia faba* L.) germplasm collection

Khazaei, H., Santanen, A., Street, K. & Stoddard, F. L., Jun 2019, In: Plant Genetic Resources. 17, 3, p. 298-300 3 p., 1479262118000461.

Plant species and growing season weather influence the efficiency of selenium biofortification

Ebrahimi, N., Stoddard, F. L., Hartikainen, H. & Seppänen, M. M., Jun 2019, In: Nutrient Cycling in Agroecosystems. 114, 2, p. 111-124 14 p.

Responses of flavonoid profile and associated gene expression to solar blue and UV radiation in two accessions of *Vicia faba* L. from contrasting UV environments

Yan, Y., Stoddard, F. L., Neugart, S., Sadras, V. O., Lindfors, A., Morales, L. O. & Aphalo, P. J., 1 Feb 2019, In: Photochemical & Photobiological Sciences. 18, 2, p. 434-447 14 p.

Grain legume yields are as stable as other spring crops in long-term experiments across northern Europe

Reckling, M., Döring, T. F., Bergkvist, G., Stoddard, F. L., Watson, C. A., Seddig, S., Chmielewski, F.-M. & Bachinger, J., Dec 2018, In: Agronomy for Sustainable Development. 38, 6, 10 p., 63.

A multi-parent faba bean (*Vicia faba* L.) population for future genomic studies

Khazaei, H., Stoddard, F. L., Purves, R. W. & Vandenberg, A., Oct 2018, In: Plant Genetic Resources. 16, 5, p. 419-423 5 p.

David Bond and Jean Picard: Two pivotal breeders of faba bean in the 20th century

Duc, G. & Stoddard, F., Oct 2018, In: Plant Genetic Resources. 16, 5, p. 483-487 5 p.

ILB 938, a valuable faba bean (*Vicia faba* L.) accession

Khazaei, H., Link, W., Street, K. & Stoddard, F. L., Oct 2018, In: Plant Genetic Resources. 16, 5, p. 478-482 5 p.

Diversity in root growth responses to moisture deficit in young faba bean (*Vicia faba* L.) plants
Belachew, K. Y., Nagel, K., Fiorani, F. & Stoddard, F. L., 21 Feb 2018, In: PeerJ. 6, p. 1-20 20 p., 4401.

Rust resistance in faba bean (*Vicia faba* L.): status and strategies for improvement
Ijaz, U., Adhikari, K. N., Stoddard, F. L. & Trethowan, R. M., Jan 2018, In: Australasian Plant Pathology. 47, 1, p. 71-81 11 p.

Cultivating forage maize for biomass and bioenergy in a sub-boreal climate
Epie, K. E., Artigas, O. M., Santanen, A., Mäkelä, P. S. A. & Stoddard, F. L., 2018, In: Agricultural and Food Science. 27, 3 , p. 190-198 9 p.

Fertilizer and intercropped legumes as nitrogen source for Jerusalem artichoke (*Helianthus tuberosus* L.) tops for bioenergy
Epie, K. E., Santanen, A., Makela, P. S. A. & Stoddard, F. L., 2018, In: Agricultural and Food Science. 27, 3, p. 199-205 7 p.

Ion beam irradiation mutagenesis in rye (*Secale cereale* L.), linseed (*Linum usitatissimum* L.) and faba bean (*Vicia faba* L.)
Khazaei, H., Mäkelä, P. S. A. & Stoddard, F. L., 2018, In: Agricultural and Food Science. 27, 3, p. 146-151 7 p.

Development and validation of a robust, breeder-friendly molecular marker for the vc(-) locus in faba bean
Khazaei, H., Purves, R. W., Song, M., Stonehouse, R., Bett, K. E., Stoddard, F. L. & Vandenberg, A., Nov 2017, In: Molecular Breeding. 37, 11, 6 p., 140.

Climate change can affect crop pollination in unexpected ways
Stoddard, F. L., May 2017, In: Journal of Experimental Botany. 68, 8, p. 1819-1821 3 p.

Proposal for C-Hordein as Reference Material in Gluten Quantification
Huang, X., Kanerva, P., Salovaara, H., Stoddard, F. L. & Sontag-Strohm, T., 15 Mar 2017, In: Journal of Agricultural and Food Chemistry. 65, 10, p. 2155-2161 7 p.

Screening of faba bean (*Vicia faba* L.) accessions to acidity and aluminium stresses
Belachew, K. Y. & Stoddard, F. L., 8 Feb 2017, In: PeerJ. 5, p. e2963, 1-19 19 p., PeerJ 5:e2963.

Progress towards flowering of faba bean (*Vicia faba* L.) is more than photothermal
Lizarazo Torres, C. I., Isotalo, J. M., Lindfors, A. & Stoddard, F. L., 9 Jan 2017, In: Journal of Agronomy and Crop Science. 203, 5, p. 385-396 12 p.

Oxidation of proline decreases immunoreactivity and alters structure of barley prolamin
Huang, X., Sontag-Strohm, T., Stoddard, F. L. & Kato, Y., 1 Jan 2017, In: Food Chemistry. 214, p. 597-605 9 p.

Grain legume production and use in European agricultural systems
Watson, C. A., Reckling, M., Preissel, S., Bachinger, J., Bergkvist, G., Kuhlman, T., Lindström, A. K., Nemecek, T., Topp, C. F. E., Vanhatalo, A. O., Zander, P., Murphy-Bokern, D. & Stoddard, F. L., 2017, In: Advances in Agronomy. 144, p. 235-303 69 p.

Grain legume decline and potential recovery in European agriculture: a review
Zander, P., Amjath-Babu, T. S., Preissel, S., Reckling, M., Bues, A., Schlaefke, N., Kuhlman, T., Bachinger, J., Uthes, S., Stoddard, F., Murphy-Bokern, D. & Watson, C., Jun 2016, In: Agronomy for Sustainable Development. 36, 2, 20 p., 26.

Trade-Offs between Economic and Environmental Impacts of Introducing Legumes into Cropping Systems
Reckling, M., Bergkvist, G., Watson, C. A., Stoddard, F. L., Zander, P. M., Walker, R. L., Pristeri, A., Toncea, I. & Bachinger, J., 23 May 2016, In: Frontiers in plant science. 7, 15 p., 669.

A cropping system assessment framework-Evaluating effects of introducing legumes into crop rotations

Reckling, M., Hecker, J.-M., Bergkvist, G., Watson, C. A., Zander, P., Schlaefke, N., Stoddard, F. L., Eory, V., Topp, C. F. E., Maire, J. & Bachinger, J., May 2016, In: European Journal of Agronomy. 76, p. 186-197 12 p.

In silico evaluation of plant genetic resources to search for traits for adaptation to climate change

Bari, A., Khazaei, H., Stoddard, F. L., Street, K., Sillanpaa, M. J., Chaubey, Y. P., Dayanandan, S., Endresen, D. T. F., De Pauw, E. & Damania, A. B., Feb 2016, In: Climatic Change. 134, 4, p. 667-680 14 p.

A SNP-based consensus genetic map for synteny-based trait targeting in faba bean (*Vicia faba* L.)

Webb, A., Cottage, A., Wood, T., Khamassi, K., Hobbs, D., Gostkiewicz, K., White, M., Khazaei, H., Ali, M., Street, D., Duc, G., Stoddard, F. L., Maalouf, F., Ogbonnaya, F. C., Link, W., Thomas, J. & O'Sullivan, D. M., Jan 2016, In: Plant biotechnology journal. 14, 1, p. 177-185 9 p.

Faba bean flavour and technological property improvement by thermal pre-treatments

Jiang, Z., Pulkkinen, M. J., Wang, Y., Lampi, A.-M., Stoddard, F. L., Salovaara, H. O., Piironen, V. I. & Sontag-Strohm, T. S., 2016, In: LWT-Food Science and Technology. 68, p. 295-305 11 p.

Pre-crop effects on the nutrient composition and utilization efficiency of faba bean (*Vicia faba* L.) and narrow-leaved lupin (*Lupinus angustifolius* L.)

Lizarazo Torres, C. I., Yli-Halla, M. J. & Stoddard, F. L., 27 Nov 2015, In: Nutrient Cycling in Agroecosystems. 103, 2, p. 311-327 17 p.

Perennial crop growth in oil-contaminated soil in a boreal climate

Yan, L., Penttinen, P. J., Simojoki, A. J., Stoddard, F. L. & Lindström, A. K., 1 Nov 2015, In: The Science of the Total Environment. 532, p. 752-761 10 p.

The future of lupin as a protein crop in Europe

Lucas, M. M., Stoddard, F. L., Annicchiarico, P., Frias, J., Martinez-Villaluenga, C., Sussmann, D., Duranti, M., Seger, A., Zander, P. M. & Pueyo, J. J., 8 Sept 2015, In: Frontiers in plant science. 6, 6 p., 705.

Effects of break crops on yield and grain protein concentration of barley in a Boreal climate

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Flanking SNP markers for vicine-convicine concentration in faba bean (*Vicia faba* L.)

Khazaei, H., O'Sullivan, D. M., Jones, H., Pitts, N., Sillanpää, M. J., Pärssinen, P., Manninen, O. & Stoddard, F. L., Jan 2015, In: Molecular Breeding. 35, 1, 6 p., 38.

Determination of vicine and convicine from faba bean with an optimized high-performance liquid chromatographic method

Pulkkinen, M. J., Gautam, M. D., Lampi, A.-M., Ollilainen, V.-M., Stoddard, F. L., Sontag-Strohm, T. S., Salovaara, H. O. & Piironen, V. I., 2015, In: Food Research International. 76, 1, p. 168-177 10 p.

Earthworm communities under boreal grass and legume bioenergy crops in pure stands and mixtures

Epie, K. E., Cass, S. & Stoddard, F. L., 2015, In: Pedobiologia. 58, 1, p. 49-54 6 p.

Fusarium-suppressive effects of green manure of turnip rape

Zou, L., Tuulos, A. P., Mikkonen, A. S., Stoddard, F. L., Lindström, A. K., Kontro, M. H., Koponen, H. K. & Mäkelä, P. S. A., 2015, In: European Journal of Soil Biology. 69, p. 41-51 11 p.

Nitrous oxide emissions from perennial grass-legume intercrop for bioenergy use

Epie, K. E., Saikonen, L., Santanen, A., Jaakkola, S., Mäkelä, P., Simojoki, A. & Stoddard, F. L., 2015, In: Nutrient Cycling in Agroecosystems. 101, 2, p. 211-222 12 p.

Nutritive quality and protein production from grain legumes in a boreal climate

Lizarazo Torres, C., Lampi, A.-M., Liu, J., Sontag-Strohm, T., Piironen, V. & Stoddard, F., 2015, In: Journal of the Science of Food and Agriculture. 95, 10, p. 2053-2064 12 p.

Retrieval of leaf chlorophyll content in field crops using narrow-band indices: effects of leaf area index and leaf mean tilt angle

Zou, X., Hernández-Clemente, R., Tammeorg, P., Torres, C. L., Stoddard, F. L., Mäkelä, P., Pellikka, P. & Möttus, M., 2015, In: International Journal of Remote Sensing. 36, 24, p. 6031-6055 25 p.

Winter turnip rape as soil N scavenging catch crop in a cool humid climate

Tuulos, A., Yli-Halla, M., Stoddard, F. & Mäkelä, P., 2015, In: Agronomy for Sustainable Development. 35, p. 359-366 8 p.

Biochar application to a fertile sandy clay loam in boreal conditions: effects on soil properties and yield formation of wheat, turnip rape and faba bean

Tammeorg, P., Simojoki, A., Mäkelä, P., Stoddard, F., Alakukku, L. & Helenius, J., 2014, In: Plant and Soil. 374, 1-2, p. 89-107 18 p.

Genetic analysis reveals a novel locus in *Vicia faba* decoupling pigmentation in the flower from that in the extra-floral nectaries

Khazaei, H., O'Sullivan, D. M., Sillanpaa, M. J. & Stoddard, F. L., 2014, In: Molecular Breeding. 34, 3, p. 1507-1513 7 p.

Interference potential of buckwheat, fababean, oilseed hemp, vetch, white lupin and caraway to control couch grass weed

Zou, L., Santanen, A., Tein, B., Stoddard, F. & Mäkelä, P., 2014, In: Allelopathy Journal. 33, 2, p. 227-235 9 p.

Photographic measurement of leaf angles in field crops

Zou, X., Mottus, M., Tammeorg, P., Lizarazo Torres, C., Takala, T., Pisek, J., Makela, P., Stoddard, F. L. & Pellikka, P., 2014, In: Agricultural and Forest Meteorology. 184, p. 137-146 10 p.

Short-term effects of biochar on soil properties and wheat yield formation with meat bone meal and inorganic fertiliser on a boreal loamy sand

Tammeorg, P., Simojoki, A., Mäkelä, P., Stoddard, F. L., Alakukku, L. & Helenius, J., 2014, In: Agriculture, Ecosystems & Environment. 191, p. 108-116 9 p.

The effects of a permanently elevated water table in an acid sulphate soil on reed canary grass for combustion

Epie, K. E., Virtanen, S., Santanen, A., Simojoki, A. & Stoddard, F. L., 2014, In: Plant and Soil. 375, 1-2, p. 149-158 10 p.

The EU's dependence on soya bean import for the animal feed industry and potential for EU produced alternatives

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STODDARD, F. L., 1986, In: *Journal of Plant Physiology*. 123, p. 249-262 14 p.

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STODDARD, F. L., 1986, In: *Plant Breeding*. 97, p. 210-221 12 p.

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Histology of the development of the graft union in pea roots
Stoddard, F., 1979, In: Canadian journal of botany. 57, p. 1486-1501 16 p.

Key professional activities

Succeed with grain legumes

Stoddard, F. (Speaker)
23 Jan 2019

Examination of PhD thesis of the University of Sydney, Australia

Stoddard, F. (Pre-examiner)
5 Feb 2018

Uusia valkuaiskasveja viljelyyn

Stoddard, F. (Speaker)
1 Nov 2017

Kiflemariam Yehuala Belachew

Stoddard, F. (Supervisor)
1 Dec 2014 → 30 Jun 2019

External thesis supervision: Moritz Reckling

Stoddard, F. (Supervisor)
1 Sept 2014 → 14 Dec 2018

KoneAgria

Stoddard, F. (Speaker: Presenter)
25 Oct 2012

ProAgria palkokasvipäivät 22-23.02.2012

Stoddard, F. (Speaker: Presenter)
22 Feb 2012 → 23 Feb 2012

Pro-Agria Itä-Uusimaa

Stoddard, F. (Speaker: Presenter)
19 Jul 2011

ProAgria Länsi-Uusimaa

Stoddard, F. (Speaker: Presenter)
13 Jul 2011

Österbottens Kött

Stoddard, F. (Speaker: Presenter)
17 Mar 2011

Luomuvalkuaisseminari

Stoddard, F. (Speaker: Presenter)
26 Nov 2010

ProAgrian Viljelysuunnittelun ajankohtaispäivä

Stoddard, F. (Speaker: Presenter)

2 Nov 2010

KoneAgria

Stoddard, F. (Speaker: Presenter)
20 Oct 2010

Department's Stakeholders Day

Stoddard, F. (Speaker: Presenter)
19 Aug 2010

Päivitä tietosi luomustal – Luomuseminaari

Stoddard, F. (Speaker: Presenter)
28 Jul 2010

Öljykasvienpäivät

Stoddard, F. (Speaker: Presenter)
11 Mar 2010

Thesis supervision: Clara Lizarazo

Stoddard, F. (Supervisor)
1 Jan 2010 → 30 Apr 2017

Thesis supervision: Epie Kenedy

Stoddard, F. (Supervisor)
1 Jan 2010 → 13 Nov 2015

Thesis supervision: Ling Zou

Stoddard, F. (Co-supervisor)
1 Jan 2010 → 31 Dec 2015

Satafood seminaari, Loimaa

Stoddard, F. (Speaker: Presenter)
12 Nov 2009

ProAgria seminaari

Stoddard, F. (Speaker: Presenter)
10 Nov 2009

Thesis supervision: Mahmoud Seleiman

Stoddard, F. (Co-supervisor)
1 Oct 2009 → 4 Apr 2014

Thesis supervision: Hamid Khazaei

Stoddard, F. (Supervisor)
1 Sept 2009 → 30 Sept 2014

Thesis supervision: Antti Tuulos

Stoddard, F. (Co-supervisor)
1 Jan 2009 → 31 Dec 2015

Thesis supervision: Petra Manninen-Egilmez

Stoddard, F. (Co-supervisor)
1 Jan 2009 → 31 Dec 2015

Heureka Centre: Biology day
Stoddard, F. (Speaker: Presenter)
12 Dec 2008

Café Scientifique: Academy of Finland public presentation
Stoddard, F. (Speaker: Presenter)
27 Oct 2008

External thesis supervision: Wen Chen
Stoddard, F. (Supervisor)
1 Jan 2003 → 31 Dec 2006

Press/Media

Eroon härkäpavun haitta-aineista
Stoddard, F.
21/10/2021
1 item of Media coverage

Protein crop's potential unlocked by deciphering anti-nutrient biosynthesis
Stoddard, F.
27/07/2021
1 item of Media coverage

Protein crop's potential unlocked by deciphering anti-nutrient biosynthesis
Stoddard, F.
09/07/2021
1 item of Media coverage

Protein Crop's Potential Unlocked By Deciphering Anti-Nutrient Biosynthesis
Stoddard, F.
08/07/2021
1 item of Media coverage

University of Helsinki: Potential of Faba Beans, Rich in Protein, Has Been Unlocked
Stoddard, F.
07/07/2021
1 item of Media coverage

Potential of faba beans, rich in protein, has been unlocked
Stoddard, F.
06/07/2021
1 item of Media coverage

80 000 hehtaaria härkäpapua riittäisi Suomen sioille
Stoddard, F.
30/10/2020
1 item of Media coverage

Vinkkien vaihtoa, lohkon ja kasvin mätsäämistä – Fred Stoddardin reseptit palkokasvien viljelyyn vauhdittamiseen
Stoddard, F.
30/10/2020
1 item of Media coverage

Domestic legumes for animal feed

Stoddard, F.
17/09/2019
1 item of Media coverage

Finnish faba bean for climate-smart agriculture

Stoddard, F.
13/09/2019
1 item of Media coverage

Poor yield of faba bean may be due to pests and diseases

Stoddard, F.
31/01/2018
1 item of Media coverage

Interview for Landsbygdens Folk

Stoddard, F.
07/08/2017
1 Media contribution

Interview for Yle about goose-dog

Stoddard, F.
19/06/2017
1 item of Media coverage

Interview for Luomulehti

Stoddard, F.
12/09/2014
1 Media contribution

Interview for Maatilan Pellervo

Stoddard, F.
08/08/2014
1 Media contribution

Interview for French radio about teaching in English

Stoddard, F.
18/06/2013
1 Media contribution

Harva tuntee proteiini- ja kuitupitoisen sinilupiinin hyödyt: Narrow-leaved lupin for protein- and fibre-rich foods

Stoddard, F.
04/04/2013
1 Media contribution

Interview for Nelonen uutiset about home-grown feed protein

Stoddard, F.
01/03/2013
1 Media contribution

Glorian Ruoka ja Viini-lehti 12.2010: Palkokasvien ekologisuus

Stoddard, F.
01/12/2010
1 Media contribution

Tiede-lehti 08.2010: Tekniikka: Hamppu valmiina palvelukseen

Stoddard, F.
01/08/2010
1 Media contribution

Luomu-lehti 04.2010: Legumes for organic and conventional agriculture

Stoddard, F.
01/04/2010
1 Media contribution

Kehittvä Elintarvike-lehti 2010: Potential for foods made from grain legumes

Stoddard, F.
01/03/2010
1 Media contribution

Maatilan Pellervo-lehti 12.2009: Lupin a partner for faba bean?: Lupiinista kaveri härkäpavulle?

Stoddard, F.
01/12/2009
1 Media contribution

Helsingin Sanomat newspaper 17.08.2009: Blue lupin demonstrated to lower blood pressure: Sinilupiinin todettu alentavan verenpainetta

Stoddard, F.
17/08/2009
1 Media contribution

Maaseudun Tiede-lehti 07.2009: Area sown to feed legumes expected to increase: Rehupalkokasvien viljelyalan uskotaan moninkertastuvan

Stoddard, F.
08/07/2009
1 Media contribution

Käytännön Maamies KM magazine 04.2009: Faba bean to be Europe's soybean: Härkäpavusta Euroopan soija

Stoddard, F.
01/04/2009
1 Media contribution

Maaseudun Tiede-lehti 03.2009: Blue lupin, a new animal feed: Sinilipiinista uusi rehukasvi

Stoddard, F.
09/03/2009
1 Media contribution

Projects

EDUFI IIE-Scholar Rescue Fund

Stoddard, F. (Project manager)
Opetushallitus Ostolaskut
01/01/2025 → 31/12/2025
Project: Ministry funding

SKR 2024/Vottonen Laura

Stoddard, F. (Project manager)
Suomen Kulttuurirahasto
14/05/2024 → 30/04/2025
Project: Foundations (Private Foundations, Non-Profit Foundations, Charitable Trusts)

Climate-ready faba beans for the Nordic

Stoddard, F. (Project manager), Vahisalu, T. (Project manager), Leppänen, T. L. A. (Participant) & Maniruzzaman, M. (Participant)
NordForsk
01/01/2023 → 31/12/2026
Project: External funding

IceBran: Ice-structuring proteins from wheat brans to improve frozen dough/bread quality

Huang, X. (Principal Investigator), Katina, K. (Participant), Stoddard, F. (Participant), Lopes Graça, C. A. (Participant) & Hashim, M. (Participant)
01/04/2022 → 30/09/2023
Project: Research project

InnoFoodAfrica: Locally-driven co-development of plant-based value chains towards more sustainable African food system with healthier diets and export potential

Maina, N. (Project manager), Fogelholm, M. (Principal Investigator), Stoddard, F. (Principal Investigator), Katina, K. (Principal Investigator), Coda, R. (Participant), Lehtinen, P. (Participant) & Belachew, K. (Participant)
01/08/2020 → 31/07/2023
Project: Research project

Leg4Life: Legumes for sustainable food system and healthy life

Pajari, A.-M. (Principal Investigator), Piironen, V. (Co-Principal Investigator), Vanhatalo, A. (Participant), Simojoki, A. (Participant), Jouppila, K. (Participant), Kariluoto, S. (Participant), Päivärinta, E. (Participant), Konttinen, H. (Participant), Hytyläinen, K. (Participant), Lombardini (former Lombardini-Riipinen), C. (Participant), Lamminen, M. (Participant), Alakukku, L. (Participant), Chamlagain, B. (Participant), Coda, R. (Participant), Ertbjerg, P. (Participant), Edelmann, M. (Participant), Halmemies-Beauchet-Filleau, A. (Participant), Itkonen, S. (Participant), Katina, K. (Participant), Knaapila, A. (Participant), Kokkonen, T. (Participant), Kuoppala, K. (Participant), Lampi, A.-M. (Participant), Mäkelä, P. (Participant), Nurmi, V. (Participant), Ramos-Diaz, J. M. (Participant), Salonen, A. (Participant), Sandell, M. (Participant), Sihvonen, M. (Participant), Sontag-Strohm, T. (Participant), Stoddard, F. (Participant), Tenkanen, M. (Participant) & Varmanen, P. (Project manager)
01/06/2019 → 31/08/2025
Project: Research project

ProFaba: ProFaba: Developing improved Vicia faba breeding practices and varieties to drive domestic protein production in the European Union

Stoddard, F. (Principal Investigator), Schulman, A. (Project manager) & Belachew, K. (Project manager)
Maa- ja metsätalousministeriö
15/04/2019 → 14/04/2022
Project: Research project

LegumeGap: LegumeGap: Increasing productivity and sustainability of European plant protein production by closing the grain legume yield gap

Stoddard, F. (Project manager) & Belachew, K. (Project manager)
Maa- ja metsätalousministeriö
01/04/2019 → 31/03/2022
Project: Research project

Legumes Translated

Lindström, K. (Project manager), Stoddard, F. (Co-Principal Investigator), Sontag-Strohm, T. (Co-Principal Investigator) & Schauman, C. (Participant)
01/11/2018 → 31/10/2021
Project: Research project

MAGGE-pH: MAGGE pH: Mitigating Agricultural Greenhouse Gas Emissions by Improved pH management of soils

Simojoki, A. (Project manager), Stoddard, F. (Principal Investigator), Penttilinen, P. (Participant), Lindström, K. (Participant) & Tuovinen, A.-M. (Participant)
01/09/2017 → 31/08/2020
Project: Research project

Papugen: Genomic tools for faba bean (*Vicia faba* L.) improvement for food and protein security

Stoddard, F. (Project manager) & Schulman, A. (Principal Investigator)

SUOMEN AKATEMIA

01/09/2016 → 31/08/2020

Project: Research project

NORFAB: Protein for the Northern Hemisphere

Stoddard, F. (Project manager), Schulman, A. (Principal Investigator), Chang, W. (Participant), Katina, K. (Participant), Lampi, A.-M. (Participant), Narvanto, A. M. (Participant), Piironen, V. (Participant) & Tenkanen, M. (Participant)

Aarhus Universitet

01/04/2016 → 30/11/2022

Project: Foundations (Private Foundations, Non-Profit Foundations, Charitable Trusts)

ViPS: Viikki Plant Science Centre

Elomaa, P. (Project manager), Aphalo, P. (Principal Investigator), Asiegbu, F. (Principal Investigator), Bäck, J. (Principal Investigator), Berninger, F. (Principal Investigator), Brosche, M. (Principal Investigator), Fagerstedt, K. (Principal Investigator), Hänninen, H. (Principal Investigator), Heinonsalo, J. (Principal Investigator), Helariutta, Y. (Principal Investigator), Himanen, K. (Principal Investigator), Hölttä, T. (Principal Investigator), Hytönen, T. (Principal Investigator), Hyvönen, J. (Principal Investigator), Kangasjärvi, J. (Principal Investigator), Kärkönen, A. (Principal Investigator), Korpelainen, H. (Principal Investigator), Laine, A.-L. (Principal Investigator), Mähönen, A. P. (Principal Investigator), Mäkelä, A. (Principal Investigator), Mäkinen, K. (Principal Investigator), Ojala, A. (Principal Investigator), Overmyer, K. (Principal Investigator), Palonen, P. (Principal Investigator), Palva, E. T. (Principal Investigator), Pihlatie, M. (Principal Investigator), Pirhonen, M. (Principal Investigator), Porcar-Castell, A. (Principal Investigator), Pumpanen, J. (Principal Investigator), Rikkinnen, J. (Principal Investigator), Robson, T. M. (Principal Investigator), Salojärvi, J. (Principal Investigator), Schulman, A. (Principal Investigator), Stoddard, F. (Principal Investigator), Teeri, T. (Principal Investigator), Valkonen, J. (Principal Investigator), Vesala, T. (Principal Investigator), Wrzaczek, M. (Principal Investigator) & Sims-Huopaniemi, K. (Other)

01/01/2015 → ...

Project: Other project

NaPPI: NaPPI-Kansallinen Kasvi Fenotyppaus Infrastruktuuri NaPPI - National Plant Phenotyping Infrastructure

Palva, E. T. (Participant), Asiegbu, F. (Participant), Elomaa, P. (Participant), Fagerstedt, K. (Project manager), Helariutta, Y. (Participant), Himanen, K. (Principal Investigator), Hytönen, T. (Participant), Kangasjärvi, J. (Participant), Mäkelä, P. (Participant), Schulman, A. (Participant), Sims-Huopaniemi, K. (Participant), Stoddard, F. (Participant), Teeri, T. (Participant), Valkonen, J. (Participant), Oksanen, E. (Participant), Keinänen, M. (Participant), Dumont, J. (Participant), Hauta-Kasari, M. (Participant), Hiltunen, J. (Participant), Karjalainen, P. (Participant), Aro, E.-M. (Participant) & Häggman, H. (Participant)

Unknown funder

01/12/2013 → ...

Project: Other project

Jatkokoulutus (NIFAPRO) Human capital development in agricultural biotechnology

Valkonen, J. (Project manager), Korpelainen, H. (Participant), Elomaa, P. (Participant) & Stoddard, F. (Participant)

01/12/2013 → 31/12/2015

Project: Research project

Kasvinviljely- ja kotieläintilojen yhteistyö - avain tuotannon kestävään tehostamiseen

Mikkola, H. (Project manager), Pykkönen, P. (Participant), Seppänen, M. (Participant), Jaakkola, S. (Participant), Stoddard, F. (Participant), Mäkelä, P. (Participant), Vanhatalo, A. (Participant), Valaja, J. (Participant), Helenius, J. (Participant), Alakukku, L. (Participant), Yli-Halla, M. (Participant), Lindström, K. (Participant), Penttinen, P. (Participant), Sipiläinen, T. (Participant), Lätti, M. (Participant), Karttunen, J. (Participant) & Rinta-Kiikka, S. (Participant)

01/01/2013 → 31/12/2015

Project: Research project

Sensory ecology of plants and pre-emptive acclimation

Aphalo, P. (Principal Investigator), Stoddard, F. (Participant), Yan, Y. (Participant), Rai, N. (Participant), Lindfors, A. (Participant), Novoplansky, A. (Participant), Sadras, V. O. (Participant), Morales Suarez, L. O. (Participant), Lehto, T. (Participant), Neugart, S. (Participant), Wang, F. (Participant), Siipola, S. M. (Participant), Calderini, D. (Participant), Casal, J. J. (Participant), Lehto, T. (Participant), Kotilainen, T. (Participant) & Sipari, N. (Project manager)

01/01/2012 → ...

Project: Research project

Fabapapuaines - Härkäpapupohjaisten elintarvikkeiden ja elintarvikeingredienttien valmistus

Salovaara, H. (Project manager), Piironen, V. (Participant), Lampi, A.-M. (Participant), Stoddard, F. (Participant), Sontag-Strohm, T. (Participant), Kanerva, P. (Participant), Kariluoto, S. (Participant), Pulkkinen, M. (Participant), Jiang, Z.-Q. (Participant), Tahvonen, R. (Participant), Järvenpää, E. (Participant), Rokka, S. (Participant), Pihlava, J.-M. (Participant), Mäki, M. (Participant), Latvala, T. (Participant), Kotro, J. (Participant) & Niva, M. (Participant)

Unknown funder

01/01/2012 → 31/12/2014

Project: Research project

Science of Sustainable Agriculture (SSA)

Ahokas, J. (Principal Investigator), Alakukku, L. (Principal Investigator), Alitalo, A. (Participant), Bouquet, A. (Participant), Chen, L. (Participant), Egilmez, P. (Participant), Elo, K. (Principal Investigator), Hakojärvi, M. (Participant), Hartikainen, H. (Principal Investigator), Hautala, M. (Principal Investigator), Helenius, J. (Principal Investigator), Hepola, H. (Participant), Herzon, I. (Participant), Hokkanen, H. (Principal Investigator), Honkanen, A. (Participant), Hytönen, T. (Principal Investigator), Häggman, J. (Participant), Jaakkola, S. (Principal Investigator), Jauni, M. (Participant), Jokela, V. (Participant), Juga, J. (Principal Investigator), Kallioniemi, M. K. (Participant), Kenedy Etone, E. (Participant), Keskinen, R. (Participant), Khazaei, H. (Participant), Kivelä, J. (Participant), Knuutila, O. (Participant), Kokkonen, T. (Principal Investigator), Kostamo, K. (Participant), Kuisma, R. (Principal Investigator), Kymäläinen, H.-R. (Principal Investigator), Kärkkäinen, H. (Participant), Laaksoharju, T. (Participant), Laurila, H. A. (Participant), Lehtimäki, M. (Participant), Lehto, M. K. (Participant), Levomäki, M. M. (Participant), Liinamo, A.-E. (Participant), Linden, L. (Principal Investigator), Lizarazo , C. (Participant), Ma, M. (Participant), Makgahlela, M. (Participant), Mattila, P. (Participant), Menzler-Hokkanen, I. (Participant), Mikkola, H. (Participant), Muma, E. N. (Participant), Mäkelä, P. (Principal Investigator), Määttä, J. (Participant), Niemelä, T. (Participant), Nykänen, A. (Participant), Näsi, M. (Principal Investigator), Ojala, M. (Participant), Ooperi, S. (Participant), Pakarinen, A. (Participant), Palonen, P. (Principal Investigator), Pastell, M. (Principal Investigator), Peltovuori, T. (Participant), Puustinen, M. S. (Participant), Rantanen, M. (Participant), Rappe, E. (Participant), Rasa, K. (Participant), Riesinger, P. (Participant), Risku-Norja, H. (Participant), Ristolainen, A. K. (Participant), Roslin, T. (Principal Investigator), Räty, M. (Participant), Sairanen, J. (Participant), Salin, S. (Participant), Santanen, A. (Participant), Seleiman, M. F. (Participant), Seppänen, M. (Principal Investigator), Siipola, V. (Participant), Sillampää, M. (Principal Investigator), Simojoki, A. (Participant), Soinne, H. (Participant), Stoddard, F. (Principal Investigator), Suontama, M. (Participant), Säisä, M. (Principal Investigator), Tallberg, P. (Principal Investigator), Tammeorg, P. (Participant), Tamminen, P. (Participant), Tarmi, S. (Participant), Teye, F.K.-W. (Participant), Tiusanen, J. (Participant), Turakainen, M. (Participant), Tuulos, A. (Participant), Tyrisevä, A.-M. (Participant), Valkonen, J. (Principal Investigator), Vanhatalo, A. (Principal Investigator), Venäläinen, S. (Participant), Virtanen, S. (Participant), Yli-Halla, M. (Principal Investigator), Ylivainio, K. (Participant), Zec-Vojinovic, M. (Participant) & Zou, L. (Participant)

24/02/2011 → 31/12/2020

Project: Research Evaluation 2011

Kotimaiset palkoviljat maidontuotannon omavaraisuuden tehostajana

Vanhatalo, A. (Project manager), Puhakka, L. (Participant), Jaakkola, S. (Participant), Kokkonen, T. (Participant) & Stoddard, F. (Participant)

Unknown funder

01/01/2011 → 31/12/2014

Project: Research project

Grain legume quality for food purposes

Stoddard, F. (Project manager), Piironen, V. (Project manager), Kariluoto, S. (Participant), Lampi, A.-M. (Participant), Sontag-Strohm, T. (Participant), Loponen, J. (Participant), Salovaara, H. (Participant) & Lizarazo , C. (Participant)

01/09/2010 → ...

Project: Research project

Legume Futures: Legume-supported cropping systems for Europe

Stoddard, F. (Participant), Nykänen, A. (Participant), Lindström, K. (Participant) & Simojoki, A. (Participant)

01/02/2010 → 31/01/2014

Project: Research project

AgriHili (2010-2012): Towards carbon-negative farming: use of biochar as carbon sink, as soil conditioner and in preventing nutrient leaching

Helenius, J. (Participant), Tammeorg, P. (Participant), Mäkelä, P. (Participant), Stoddard, F. (Participant), Simojoki, A. (Participant), Yli-Halla, M. (Participant) & Alakukku, L. (Participant)

01/01/2010 → 31/12/2012

Project: Research project

Kasvintuotannon ekologinen intensifikaatio

Mäkelä, P. (Project manager), Stoddard, F. (Participant), Zou, L. (Participant), Santanen, A. (Participant), Yli-Halla, M. (Participant) & Lindström, K. (Participant)

Unknown funder

01/01/2010 → 31/12/2012

Project: Research project

Legume-supported crop rotations for Finland

Stoddard, F. (Other), Lizarazo , C. (Participant), Lindström, K. (Participant) & Santanen, A. (Participant)

01/01/2010 → 31/12/2013

Project: Research project

Sustainable bioenergy cropping systems

Stoddard, F. (Other), Kenedy Etone, E. (Project manager), Santanen, A. (Participant), Yli-Halla, M. (Participant) &

Simojoki, A. (Participant)

01/01/2010 → 31/12/2013

Project: Research project

Grain legume quality for feed purposes

Stoddard, F. (Project manager), Vanhatalo, A. (Participant), Jaakkola, S. (Participant), Näsi, M. (Participant) & Lizarazo , C. (Participant)

01/09/2009 → ...

Project: Research project

Leaf traits associated with drought resistance in faba bean (*Vicia faba* L.)

Stoddard, F. (Participant), Santanen, A. (Participant), Khazaei, H. (Participant) & Sillanpää, M. (Participant)

01/09/2009 → 31/08/2013

Project: Research project

Syysrypin monipuolisuuus tehokkaaseen käyttöön

Mäkelä, P. (Project manager), Tuulos, A. (Participant), Stoddard, F. (Participant), Santanen, A. (Participant), Yli-Halla, M. (Participant), Lindström, K. (Participant), Kleemola, J. (Participant), Jaakkola, S. (Participant) & Turakainen, M. (Participant)

01/01/2009 → 31/12/2011

Project: Research project

Bioenergy, electricity and emission trading markets (BEET)

Stoddard, F. (Project manager), Santanen, A. (Participant), Ollikainen, M. (Other) & Lankoski, J. (Project manager)

01/01/2008 → 31/12/2011

Project: Research project

Human Capital Development in Agricultural Biotechnology Programme (NIFAPRO)

Elomaa, P. (Participant), Korpelainen, H. (Participant), Stoddard, F. (Participant), Niklander-Teeri, V. (Participant) & Valkonen, J. (Project manager)

15/08/2007 → 31/12/2012

Project: Research project