

Curriculum Vitae

Personal information **Ann Lindberg**

Work experience

Current position

Director General, Swedish Medical Products Agency

Work address

Swedish Medical Products Agency, P.O. Box 26, 751 03 Uppsala

Previous positions/assignments

2019-12—2025-04 Director General, Swedish Veterinary Agency (SVA)

2021-05 – 2022-08, Government Offices. Chair. Inquiry on streamlining and developing Sweden's work for prudent and reduced antibiotic use in animal husbandry globally. [SOU 2022:43](#)

2019-08—2019-12 Acting Director General, SVA

2016-2019 State Epizootiologist, Head of Department, Epidemiology and Disease Control, SVA

Duties: Overarching responsibility for the agency's preparedness to manage serious infectious animal diseases, including epizootics and zoonoses. Participate in the agency's strategic work as a member of the management team and executive management.

Represent SVA in collaborative bodies, e.g. the Zoonoses Council and the Strategic Group for the Food Chain.

Personnel and budget responsibility, scope ~40 MSEK, of which ~60% is external funding.

Member of the management team for the Horizon 2020-funded research and development program One Health European Joint Programme (2018-2022) <https://onehealth.eu/>. Leader of the work package for joint integrative projects, and for the development of the strategic integrative agenda, with budget responsibility for ~€30 M.

2014-2016 Deputy Head of Department, Epidemiology and Disease Control, SVA

2008-2016 Head of Section, Swedish Zoonosis Center, SVA

*Duties: Personnel and budget responsibility, scope approx. ~15 MSEK, of which ~40% external financing. Design, implementation and evaluation of disease surveillance; Compilation, analysis and reporting of data on the occurrence of zoonotic infectious agents in feed, food and animals; Development and coordination of inter-agency cooperation on zoonoses; Risk assessment in the area of animal health and animal welfare; Emergency planning; Research on *E. coli* O157, *Campylobacter* and Q fever.*

2007-2008 Epidemiologist, Swedish Zoonosis Center, SVA

2002-2003 50% epidemiologist and researcher, SWEPAR, SVA
50% epidemiologist and researcher, Swedish Dairy Association

1994-2007 Epidemiologist and researcher, Swedish Dairy Association
Duties: Central support for the implementation of the Swedish Eradication Scheme on bovine viral diarrhoea virus (BVDV);
Deputy coordinator and secretary of the FP6 EU-funded thematic network for the control of bovine viral diarrhoea virus; Project manager for the development of a national system for blood sampling of cattle at slaughterhouses for disease surveillance; Scientific support in the development of a system for assessing animal welfare in the dairy sector; Developed health indicators for dairy herds.

1992-1993 Adjunct professor, Department of Food Hygiene, Swedish University of Agricultural Sciences (SLU)

Education and training

- Professor, veterinary epidemiology, Swedish Veterinary Agency, 2016.
- Associate professor, veterinary epidemiology, SLU, 2007.
- Certified specialist in population medicine, European College of Veterinary Public Health (2003-)
- PhD, veterinary epidemiology, 2002, SLU, Faculty of Veterinary Medicine. Title: *Epidemiology and eradication of bovine viral diarrhoea virus infections: Studies on transmission and prenatal diagnosis of persistent infection.*
- Statistics (40 p), Uppsala university, Dept. of Statistics, 1993-1994
- DVM Veterinary Medicine, SLU, Faculty of Veterinary Medicine, 1984 – 1990

Additional information

- Publications**
- Taylor, E., Artursson, K., Busani, L., Callegari, A., Cantlay, J., Caniça, M., Campling, E., Gavier-Widén, D., van de Giessen, A., Itier, D., Imberechts, H., Roest, H. J., Jestin, A., de Juan, L., Jokelainen, P., Kaesbohrer, A., **Lindberg, A.**, Mantovani, A., Mølbak, K., . . . Ragione, R. L. (2024). Communicating and disseminating One Health: successes of the One Health European Joint Programme [Review]. *Journal of Medical Microbiology*, 73(7), Article 001842. <https://doi.org/10.1099/jmm.0.001842>
- Comin A, Jonasson A, Rockström U, Kautto AH, Keeling L, Nyman AK, **Lindberg A**, Frössling J. (2023). Can we use meat inspection data for animal health and welfare surveillance? *Front Vet Sci*. 10:1129891. doi: 10.3389/fvets.2023.1129891.
- Garza, M., Ågren, E. C. C., **Lindberg, A.** (2020). Nudging in Animal Disease Control and Surveillance: A Qualitative Approach to Identify Strategies Used to Improve Compliance With Animal Health Policies. *Front. Vet. Sci*. 7:383. <https://doi.org/10.3389/fvets.2020.00383>
- Van Roon, A., Santman-Berends, I. Graham, D., More, S., Nielen, M., van Duijn, L., Mercat, M., Fourichon, C., Madouasse, A., Gethmann, J., Sauter-Louis, C., Frössling, J., **Lindberg, A.**, Correia-Gomes, C., Gunn, G., Henry, MK, van Schaik, G. (2020). A description and qualitative comparison of the elements of heterogeneous bovine viral diarrhoea control programs that influence confidence of freedom. *J. Dairy Sci*. 103:4654. <https://doi.org/10.3168/jds.2019-16915>
- Foddai, A., **Lindberg, A.**, Lubroth, J., Ellis-Iversen, J. (2020). Surveillance to improve evidence for community control decisions during the COVID-19 pandemic – Opening the animal epidemic toolbox for Public Health. *One Health*. 9:100130 <https://doi.org/10.1016/j.onehlt.2020.100130>
- Comin, A., Grewar, J., van Schaik, G., Schwermer, H., Paré, J., El Allaki, F., Drewe, J. A., Lopes Antunes, A. C., Estberg, L., Horan, M., Calvo-Artavia, F. F., Jibril, A. H., Martínez-Avilés, M., Van der Stede, Y., Antoniou, S. E., **Lindberg, A.** (2019). Development of Reporting Guidelines for Animal Health Surveillance-AHSURED. *Front. Vet. Sci*. 6:426. <https://doi.org/10.3389/fvets.2019.00426>
- Häsler, B., Garza, M., Bisdorff, B., Léger, A., Tavoranpanich, S., Peyre, M., **Lindberg, A.**, van Schaik, G., Alban, L., Stärk, K. D. C. (2019). Assessing the adoption of recommended standards, novel approaches and best practices

- for animal health surveillance by decision makers in Europe. *Front. Vet. Sci./Vet. Epid. And Economics*. <https://doi.org/10.3389/fvets.2019.00375>
- Van Roon, A., Van Schaik, G., Santman-Berends, I., More, S., Mercat, M., Madouasse, A., Graham, D., Nielen, M., Fourichon, C., Gethmann, J., Frössling, J., **Lindberg, A.**, Correia-Gomes, C., Gunn, G., Sauter-Louis, C., Henry, M., van Duijn, L. (2019) STOC free: An innovative framework to compare probability of freedom from infection in heterogeneous control programmes. *Front. Vet. Sci./Vet. Epid. And Economics*. 26 April 2019. <https://doi.org/10.3389/fvets.2019.00133>
- Dórea, F. C., Vial, F., Hammar, K., **Lindberg, A.**, Lambrix, P. Blomqvist, E., Revie, C. W. (2019) Drivers for the development of an Animal Health Surveillance Ontology (AHSO). *Preventive Veterinary Medicine*, <https://doi.org/10.1016/j.prevetmed.2019.03.002>
- Widgren, S., Engblom, S., Emanuelson, U. and **Lindberg, A.** (2018) Spatio-temporal modelling of verotoxigenic *Escherichia coli* O157 in cattle in Sweden: Exploring options for control. *Veterinary Research* 49:78. DOI: 10.1186/s13567-018-0574-2
- Torsein M, **Lindberg A**, Svensson C, Jensen SK, Berg C, Waller KP. (2018) α -Tocopherol and β -carotene concentrations in feed, colostrum, cow and calf serum in Swedish dairy herds with high or low calf mortality. *Acta Vet Scand*. 60:7. doi: 10.1186/s13028-018-0361-0.
- Mardones FO, Hernandez-Jover M, Berezowski JA, **Lindberg A**, Mazet JAK, Morris RS. (2017) Veterinary epidemiology: Forging a path toward one health. *Prev Vet Med* 137:147-150.
- Rüegg S, McMahon B, Haesler B, Esposito R, Rosenbaum Nielsen L, Ifejika Speranza C, Ehlinger T, Peyre M, Aragrande M, Zinsstag J, Davies P, Mihalca A, Buttigieg S, Rushton J, Carmo L, De Meneghi D, Canali M, Filippitzi M, Goutard F, Ilieski V, Milicevic D, O'Shea H, Radeski M, Kock R, Staines A, **Lindberg A.** (2017) A blueprint to evaluate One Health. *Front. Public Health*. doi:10.3389/fpubh.2017.00020
- Dórea FC, Swanenburg M, van Roermund H, Horigan V, de Vos C, Gale P, Lilja T, Comin A, Bahuon C, Zientara S, Young B, Vial F, Kosmider R, **Lindberg A.** (2017) Data collection for risk assessments on animal health. EFSA Supporting Publications, 14:1, Version of Record online: 31 JAN 2017
- Sjölund M, Postma M, Collineau L, Lösken S, Backhans A, Belloc C, Emanuelson U, Beilage EG, Stärk K, Dewulf J, GrosseLiesner B, Körk CA, **Lindberg A**, Seemer H, Visschers V (2016) Quantitative and qualitative antimicrobial usage patterns in farrow-to-finish pig herds in Belgium, France, Germany and Sweden. *Preventive Veterinary Medicine* 130:41-50
- Bisdorff B, Schauer B, Taylor N, Rodríguez-Prieto V, Comin A, Brouwer A, Dórea F, Drewe J, Hoinville L, **Lindberg A**, Martínez Avilés M, Martínez-López B, Peyre M, Pinto Ferreira J, Rushton J, Van Schaik G, Stärk KDC, Staubach C, Vicente-Rubiano M, Witteveen G, Pfeiffer D, Häslér B (2016) Active animal health surveillance in European Union Member States: gaps and opportunities. *Epidemiology and Infection*:1-16
- Widgren S, Engblom S, Bauer P, Frössling J, Emanuelson U, **Lindberg A.** (2016) Data-driven network modelling of disease transmission using complete population movement data: spread of VTEC O157 in Swedish cattle. *Vet Res*. 47(1):81. doi: 10.1186/s13567-016-0366-5.
- Backhans, A., Sjölund, M., **Lindberg, A.**, Emanuelson, U. (2016) Antimicrobial use in Swedish farrow-to-finish pig herds is related to farmer characteristics. *BMC Porcine Health Management*. 2:18, DOI: 10.1186/s40813-016-0035-0
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- Dórea, F., Elbers, A., Hendriks, P., Enoe, C., Kirkeby, C., Hoinville, L., **Lindberg, A.** (2016) Vector-borne disease surveillance in livestock populations: a critical review of literature recommendations and implemented surveillance (BTV-8) in five European countries. *Preventive Veterinary Medicine*.

- doi:10.1016/j.prevetmed.2016.01.005
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- Schärrer, S., Widgren, S., Schwermer, H., **Lindberg, A.**, Vidondo, B., Zinsstag, J., Reist, M. (2015) Evaluation of farm-level parameters derived from animal movements for use in risk-based surveillance programmes of cattle in Switzerland. *BMC Veterinary Research* 11:149, DOI 10.1186/s12917-015-0468-8
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- Backhans, A., Sjölund, M., **Lindberg, A.**, Emanuelson, U. (2015) Biosecurity level and health management practices in 60 Swedish farrow-to-finish herds. *Acta Veterinaria Scandinavica*, 57:14
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- Schärrer, S., Schwermer, H., Presi, P., **Lindberg, A.**, Zinsstag, J., Reist, M. (2015) Cost and sensitivity of on-farm versus slaughterhouse surveys for prevalence estimation and substantiating freedom from disease. *Prev Vet Med* [Available online 11 February 2015]
- Nusinovici S, Frössling J, Widgren S, Beaudeau F, **Lindberg A.** (2015) Q fever infection in dairy cattle herds: increased risk with high wind speed and low precipitations. *Epidemiol Infect.* [Available online] doi:10.1017/S0950268814003926
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- Dadios, N., Hardstaff, J., Alonso, S., Staerk, K., **Lindberg, A.** (2014) Disease monitoring in farmed game: the role of abattoir meat inspection. In: Trends in game meat hygiene – from forest to fork. Edited by: P. Paulsen, A. Bauer and F.J.M. Smulders. Wageningen Academic Publishers, Wageningen, The Netherlands. p. 77-90 [400 pp].
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- Nusinovici S, Hoch T, Widgren S, Joly A, **Lindberg A**, Beaudeau F. (2014). Relative contributions of neighbourhood and animal movements to *Coxiella burnetii* infection in dairy cattle herds. *Geospat Health.* 8:471-7.
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- Espetvedt MN, Rintakoski S, Wolff C, Lind AK, **Lindberg A**, Virtala AMK (2013) Nordic veterinarians' threshold for medical treatment of dairy cows, influence on disease recording and medicine use: Mild clinical mastitis as an example. *Preventive Veterinary Medicine* 112:76-89
- Scharrer, S., Reist, M., **Lindberg, A.**, Guichard, M., Schulz, C., Fahrion, A. (2013). Feasibility of slaughterhouse sampling for surveillance of beef cattle in Switzerland. *FleischWirtschaft International*, 28(6):59-63.
- Stärk, KDC, S. Alonso, N. Dadios, C. Dupuy, L. Ellerbroek, M. Georgiev, J. Hardstaff, A. Huneau-Salaün, C. Laugier, A. Mateus, A. Nigsch, A. Afonso, **A. Lindberg.** (2013). Strengths and weaknesses of meat inspection as a contribution to animal health and welfare surveillance. *Food Control.* 13 November 2013 [Epub ahead of print]
- Yousef M, Westman A, **Lindberg A**, de Lacerda C, Jendle J. (2013) Glucose Changes and Working Memory in Individuals with Type 1 Diabetes During Air Pressure Changes Simulating Skydiving. *Diabetes Technol Ther.* 2013 Nov 5. [Epub ahead of print]
- Widgren S, Eriksson E, Aspan A, Emanuelson U, Alenius S, **Lindberg A.** (2013) Environmental sampling for evaluating verotoxigenic *Escherichia coli* O157:H7 status in dairy cattle herds. *J Vet Diagn Invest.* 2013 Mar;25(2):189-98.
- Espetvedt M, Lind AK, Wolff C, Rintakoski S, Virtala AM, **Lindberg A.** (2013) Nordic dairy farmers' threshold for contacting a veterinarian and consequences for disease recording: Mild clinical mastitis as an example. *Prev Vet Med.* 108:114-24. [Epub Aug 18 2012]
- Frössling J, Wahlström H, Ågren EC, Cameron A, **Lindberg A**, Sternberg Lewerin S. (2013) Surveillance system sensitivities and probability of freedom from *Mycobacterium avium* subsp. *paratuberculosis* infection in Swedish cattle. *Prev Vet Med.* 2013 108:47-62.
- Wolff C, Espetvedt M, Lind AK, Rintakoski S, Egenvall A, **Lindberg A**, Emanuelson U. (2012) Completeness of the disease recording systems for dairy cows in Denmark, Finland, Norway and Sweden with special reference to clinical mastitis. *BMC Vet Res.* 2012 Aug 6;8(1):131.
- Wahlström H, **Lindberg A**, Lindh J, Wallensten A, Lindqvist R, Plym-Forshell L, Osterman Lind E, Ågren EO, Widgren S, Carlsson U, Christensson D, Cedersmyg M, Lindström E, Olsson GE, Hörnfeldt B, Barragan A, Davelid C, Hjertqvist M, Elvander M. (2012) Investigations and actions taken during 2011 due to the first finding of *Echinococcus multilocularis* in Sweden. *Euro Surveill.* 2012 Jul 12;17(28).
- Wolff C, Stevenson M, Emanuelson U, Egenvall A, **Lindberg A.** (2011). Spatial patterns of recorded mastitis incidence and somatic cell counts in Swedish dairy cows: implications for surveillance. *Geospat Health.* 6:117-23.
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- Niskanen, R., **Lindberg, A.**, Tråveñ, M. (2002) Failure to spread bovine virus diarrhoea virus infection from primarily infected calves despite concurrent infection with bovine coronavirus. Veterinary Journal, 163: 251-259.
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Projects **3.2.1 National funding**

- SLF (Swedish Farmers Foundation for Agricultural Research). Duration of infectivity of BVDV after birth of a persistently infected calf and evaluation of fetal fluid samples as a tool in prenatal diagnosis of persistent infection. **Ann Lindberg**, Rauni Niskanen (SLU), Stefan Alenius (SLU), Hans Gustafsson (Swedish Dairy Association). 1997-1998. 450 000 SEK.
- NKJ/Formas. Disease incidence in dairy cows in the Nordic countries. Olav Østerås, Norwegian Dairies BA, Jens Frederik Agger, Royal Veterinary and Agricultural University, Copenhagen, Hannu Saloniemi, University of Helsinki, **Ann Lindberg**, **Swedish Dairy Association**. 2001. 350 000 SEK.
- SLF. Molecular epidemiology and surveillance of BVDV during the last phase of the Swedish BVD-programme. Sandor Belák (SVA), Karl Ståhl (SLU),

Claudia Baule (SVA), Stefan Alenius (SLU), **Ann Lindberg**. 2003-2006. 800 000 SEK.

SLF. Validation of disease recordings in Swedish dairy cattle. Agneta Egenvall (SLU), **Ann Lindberg**. 2003-2007 (4 years with extension due to maternity leave for the PhD student). 2 250 000 SEK

SLF. Welfare Indicators - A system for animal welfare for use in milk production. Charlotte Hallén Sandgren (Swedish Dairy Association), **Ann Lindberg**, Linda Keeling (SLU). 2005-2006.1 200 000 SEK.

Swedish Animal Welfare Agency. Economic evaluation of Indicators for Animal Welfare in milk production. Charlotte Hallén Sandgren (Swedish Dairy Association), **Ann Lindberg**, Håkan Rietz (Swedish Dairy Association), Linda Keeling (SLU). 2005. 200 000 SEK.

SLF. Risk factors associated with increased calf mortality in large dairy herds. Mats Törnquist (Swedish Animal Health Services), Catarina Svensson (SLU), **Ann Lindberg**. 2005-2006. 500 000 SEK.

SLF. Issues of future relevance for a BVDV free Sweden: Duration of foetal protection from natural immunity, infectious dose for intrauterine infection and ability of current diagnostics to detect atypical BVDV strains. **Ann Lindberg**, Stefan Alenius (SLU), Hans Gustafsson (Swedish Dairy Association). 2005-2007. 400 000 SEK.

NKJ/Formas. Assessment of the validity of the dairy health recording systems in the Nordic countries, "DAHREVA". Anna-Maija Virtala, Helsinki University, Olav Österås, Norwegian School of Veterinary Science, Hans Houe, University of Copenhagen, Ulf Emanuelson, SLU, **Ann Lindberg**. 2007-2009. 2 940 000 SEK.

KSLA, Stiftelsen Oscar af Ugglas minnesfond. "The 7th International ESVV Pestivirus Symposium". Gff-1462-OU. 2008. **Ann Lindberg**, Sandor Belák, SVA. 2008. 40.000 SEK

Sällskapet för Veterinärmedicinsk forskning, Stiftelsen Ivar och Elsa Sandbergs stipendiefond. Studies on the presence of *Coxiella burnetii* (Q fever) i Swedish dairy herds. **Ann Lindberg**, Anna Aspán, Göran Bölske, SVA. 2008-2009. 132 240 SEK

KSLA, C. F. Lundströms stiftelse. Q fever – incidence and effects of infection in Swedish dairy herds. 2010-2011. 80 000 SEK

Formas. Attributing human cases of campylobacteriosis to their sources as a tool for targeted interventions. **Ann Lindberg**, Eva Olsson Engvall, Helene Wahlström, Ingrid Hansson. 2011-2013. 5 500 000 SEK.

Formas. Exploring the environmental connection between cattle and human EHEC cases. **Ann Lindberg**, Michael Höhle (SU), Ulf Emanuelson (SLU), Sharon Kühlmann-Berenzon (FoHM), Stefan Engblom (UU). 2016-2018. 3 600 000 SEK.

Formas. Omberg 2016 – sample and data collection for better understanding of the complex epidemiology of anthrax. (2017-2019) Coordinator. 3 partners. 1 100 000 SEK.

3.2.2 International funding

EU Framework 5. Thematic network on bovine virus diarrhoea (BVDV) control.

Multinational collaboration (all old EU member states except Luxembourg, plus Slovenia, Switzerland and Norway). (2003-2006). 315,000 Euros. Network coordinator: Norway (Paul Valle, Norwegian School of Veterinary Science) and co-coordinator: Sweden (Ann Lindberg, Svensk Mjölk).

EFSA. Procurement: Contribution of meat inspection to animal health surveillance. (2011-2012). 349 000 EUR.

EFSA, Article 36 grant: Implementation and testing of electronic submission in XML format of zoonoses, zoonotic agents, animal population, antimicrobial resistance and food-borne outbreaks data in the European Union. CFP/EFSA/BIOMO/2011/01. 59400 EUR. (2012-2013)

EMIDA/Formas: MINAPIG: Evaluation of alternative strategies for raising pigs with minimal antimicrobial usage: Opportunities and constraints. 1.050.000 SEK (2012-2014)

EU Framework 7. RISKSUR: FP7-KBBE-2012, GA# 310806: Providing a new generation of methodologies and tools for cost-effective risk-based animal health surveillance systems for the benefit of livestock producers, decision makers and consumers. 301,412 EUR.

EFSA, Article 36 grant: Implementation and testing of electronic submission in XML, Excel and CSV formats of zoonoses, antimicrobial resistance and food-borne outbreak data and updating the historical datasets. GP/EFSA/BIOMO/2012/02-GA3. 39,900 EUR. (2013-2014)

EFSA. Procurement: Data collection for risk assessments on animal health (2016-2019). Approx.. 400,000 EUR.

EFSA. Art 36 grant. STOC-FREE - A Surveillance analysis Tool for Outcome-based Comparison of the confidence of FREEdom generated by control or eradication programmes (2017-2020). Collaborator, WP leader. 5 partners. <https://www.stocfree.eu/>

EFSA. Art 36 grant. HOTLINE – Harmonisation of Transmissible Disease Interpretation in the EU. (2018) WP leader, 4 partners. <https://www.thehotlineproject.org/>

Horizon 2020. One Health European Joint Programme. (2018-2022). Work package leader (Joint Integrative Projects), member of the Project Management Team. 39 partners from 19 countries, budget €90 million. <https://onehealthejp.eu/>

Memberships

- Member of the Royal Swedish Academy of Agriculture and Forestry (KSLA), (2020-).
- Scientific Council at SVA (2012-2025)
- Scientific Council at Swedish Medical Products Agency (2017-2019)
- Executive Committee of the Society for Veterinary Epidemiology and Preventive Medicine (2010-2018).
- Evaluation of the subject area of veterinary epidemiology prior to the appointment of a senior position, SLU, 2019.
- Expert review during recruitment of positions at veterinary faculties and veterinary institutes in Sweden, Denmark and Norway. Several occasions.
- Review of research applications for Swedish Farmers Foundation for Agricultural Research, Defra (UK), Bundesamt für Veterinärwesen BVET (CH), Volkswagen Stiftung (DE).
- Reviewer for 15+ international journals.
- Reviews of technical chapters regarding test evaluation and questionnaires for international books in veterinary epidemiology.
- Member of the International Scientific Committee of the MIHMES project,

FR (<http://www6.inra.fr/mihmes>) (2014-2018)

- Chair of the Scientific Committee of the 2nd International Conference on Animal Health Surveillance (ICAHS) Havana, Cuba (2014).
- Review of an evaluation of Australia's passive surveillance system for avian influenza, commissioned by Ausvet Animal Health Services Pty Ltd (2011).
- Reviewer of conference papers for numerous conferences in the field of veterinary epidemiology such as the annual conference of the Society for Veterinary Epidemiology and Preventive Medicine, International Conference on Animal Health Surveillance, International Symposium on Veterinary Epidemiology and Economics, European Society for Veterinary Virology (Pestivirus conferences)
- Member of the BVDV expert group of DISCONTTOOLS (www.discontools.eu) (2010).
- Independent expert in support of the EFSA Working Group on the evaluation of species-specific welfare aspects of stunning and killing systems for farmed carp (2008-2009). The EFSA Journal (2009) 1013, 1-37
- Independent expert in support of the EFSA Working Group on the evaluation of species-specific welfare aspects of stunning and killing systems for farmed salmon (*Salmo salar*). The EFSA Journal (2009) 1012, 1-3.
- Chair of the Scientific Committee and the Organising Committee of the ESVV Pestivirus Conference in Uppsala (2008).
- Defra: Member of the Expert Panel on Infection Control for the Evaluation of the Research Programme for Diseases under Legislative Control, 2-6 July 2007.
- Review of the SLF Research Programme for Dairy Production (2006)
- Danish Cattle Federation: Member of the Group for the Coordination of Research on Health and Reproduction in Dairy Cows (2005-2007)
- Member of the Scientific Committee, 2nd European Symposium on BVDV Control, Oporto, 20-22 October 2004.
- Member of the Research Committee of the Health and Safety Advisory Committee, International Embryo Transfer Society: (2002-2007)
- Independent expert in the assessment of geographical BSE risk in certain countries and regions, EU Commission (1999-2002).
- Member of the scientific committee and the organising committee for the annual meeting of the Nordic Committee for Veterinary Scientific Cooperation (NKVet); theme "National Disease Control in Farmed Animals", Stockholm, 1-2 October 1999.
- Review of studies concerning tail injuries in dog breeds affected by the Swedish tail docking ban, commissioned by the Swedish Board of Agriculture (1993).

Editorial board member/Guest editor for Preventive Veterinary Medicine, Veterinary Microbiology and Frontiers in Public Health – Epidemiology

Awards and keynotes

- Fleming Literary Prize, Executive Board of the Veterinary Journal, UK (2002)
- Academy Award for Outstanding Doctoral Thesis, Royal Swedish Academy for Agriculture and Forestry (2003)
- Keynote speaker at conferences in Japan, Ireland, Switzerland, France. Topics: Control of bovine viral diarrhoea virus and disease surveillance in animal populations.

Other Relevant Information

Examination committees and opposition

Nationally (Swedish University for Agricultural Sciences, Veterinary Faculty), on nine occasions

EU and internationally

- Vetsuisse Faculty, University of Berne, Switzerland
- Ecole Nationale Vétérinaire Oniris, Nantes, France (x2)

- University of Ghent, Belgium
- Danish Technical University, Denmark
- National Conservatory for Arts and Crafts, France
- Utrecht University, The Netherlands
- Université de Rennes, France
- Massey University, New Zealand
- Universidad Austral de Chile, Chile

Scientific reporting

Annual report 2009-2019, SVA, Surveillance of zoonotic and other animal disease agents in Sweden, Chief Editor 2016-2019.

Annual report 2008-2015, SVA, responsible for Sweden's contribution to the EU Summary report on trends and sources of zoonoses.

Reports compiled for the European Food Safety Authority (EFSA) (procured technical scientific services):

Contribution of meat inspection to animal health surveillance in solipeds, sheep and goats, farmed game, bovine animals, swine and poultry (7 separate assignments)

Data collection for risk assessments on animal health (3 separate assignments)