

Curriculum Vitae

1. Higher education degree(s) (year, subject area, HEI)

MSc, 2009, Engineering Medical Biotechnology, Umeå Universitet, Sweden

BSc, 2006, Engineering Biotechnology, Umeå Universitet, Sweden

2. Doctoral degree (year, discipline/subject area, HEI, dissertation title, and supervisor)

PhD, 2013, Medicine/ infectious disease, malaria, Karolinska Institutet, Sweden, Title: "The role of molecular markers in emerging artemether-lumefantrine resistant *Plasmodium falciparum*", Supervisors: José Pedro Gil, Pedro Eduardo Ferreira, Anders Björkman, Andreas Mårtensson.

3. Postdoctoral positions (year and placement)

2013-2015, Swedish University of Agricultural Sciences, Uppsala, Sweden

2013, Karolinska Institutet, Stockholm, Sweden

2013, Nagasaki University, Nagasaki, Japan

4. Current position

Researcher at Swedish University of Agricultural Sciences, Uppsala, Sweden.

5. Previous positions and periods of appointment.

Postdoctoral position, 26th of Aug 2013 to 25th of Aug 2015, Swedish University of Agricultural Sciences

Postdoctoral position, 1st of May to 31st of May 2013, Karolinska Institutet

Invited guest researcher, 1st Mar to 30th Apr 2013, Nagasaki University, Japan

Postdoctoral position 19th of Jan 2013 to 28th of Feb 2013, Karolinska Institutet

PhD position 18th of Feb 2010 to 18th of Jan 2013, Karolinska Institutet

Research assistant 1st of Feb 2009 to 31st of Dec 2010, Karolinska Institutet

6. Supervision.

Co-supervisor for:

PhD student Hedvig Stenberg (2017-), SLU, Sweden

PhD student Stephen Balinandi (2018-), Makerere University, Uganda

PhD student Ana Rita Pedrosa (2017-), University of Minho, Portugal

PhD student Oskar Karlsson (2014-2016), SLU, Sweden

Main supervisor for:

Postdoc – Erika Chenais (2017-2018), National Veterinary Institute, Sweden

Master student – Zeeshan Afsal (2018-), SLU, Sweden

Master student – Linnea Streng Lindström, 2017-2018, SLU, Sweden

Bachelor student Julia Wlosinska (2019) "Feminiseringen av veterinäryrket ur ett svenskt perspektiv"

Bachelor student Vendela Gullberg (2019) "Feminiseringen av veterinäryrket ur ett internationellt perspektiv : processer och olika förklaringsmodeller.

Bachelor student Simon Larsson (2015) "Molecular characterization of coronavirus in dogs diagnosed with kennel cough", SLU

7. Pedagogic experience

- Lecture for veterinary students on the topics; microbiome, virology, metagenomics at SLU.
- Organized the PhD student course "Molecular Infection Biology" at SLU 2017.
- Supervising PhD students and master students on a regular basis.
- Completed the course in Doctoral supervision at Swedish University of Agricultural Sciences during autumn 2015 (corresponding to 3 weeks full time work).
- Completed the course "Teaching and Learning in Higher Education" at Karolinska Institutet during spring 2013 (corresponding to 5 weeks full time work).
- Organized the course "The Global Challenge" at Umeå University 2006-2007.

8. Project leader experience

- I'm the principal investigator for two projects, 1) "Neurotropic viruses in pigs: the role in congenital disease" (2016-00979) financed by the Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning, and 2) "An interdisciplinary approach addressing tick-borne diseases in Ugandan cattle" (2016-05705) financed by the Swedish Research Council.
- I was **project leader** at the world scout jamboree in Sweden 2011. It was an event with 40 000 people from 160 different countries. My role included planning and preparing for two years prior to the event, as well as an executive function involving education, leadership and quality assurance.
- I have started the SLU-Future Faculty (initially as VH-Future Faculty in 2016). It is a network for around 400 young researchers at SLU. I'm currently the Vice-chair since Oct 2018. We are also active members of the National Junior Faculty and hosted a meeting in Feb 2019.

9. Research visits

Visiting researcher, 13th Sep to 1st Oct 2018, Makerere University, Uganda

Visiting researcher, 10th Sep to 2nd Oct 2017, Makerere University, Uganda

Visiting researcher, 16th of Nov to 4th of Dec 2015, Instituto Antártico Chileno, Chile

Visiting researcher, 17 Nov to 6th of Dec 2014, University of Sao Paulo, Brazil

Visiting Scholar, 28th of Jan 2014 to 28th of Feb 2014, University of South Florida, USA

Invited guest researcher, 1st Mar to 30th Apr 2013, Nagasaki University, Nagasaki, Japan

Course participation and research exchange visit, 17th of Oct to 7th of Nov 2011, Makerere University, Kampala, Uganda

Research exchange visit, 18th of May to 10th of Jun 2010, London School of Tropical Medicine and Hygiene, London, UK

10. Personal grants received

2017 – The Foundation for Swedish pig research – 100 000 SEK = 11 450 USD

2017 – Swedish Research Council – Development research - 3 million SEK = 340 000 USD

2016 – FORMAS Future Research Leader – 3 million SEK = 340 000 USD

2015 – EPIZONE young scientist travel grant – 500€

2013 - Erik and Edith Fernströms foundation: 70 000 SEK = 10 500 USD

2013 – The Foundation BLANCEFLOR Boncompagni-Lundovisi, née Bildt : 100 000 SEK = 15 000 USD (Since I got a postdoctoral position I returned this money)

2012 – Goljes foundation: 50 000 SEK = 7 500 USD

2011 – Goljes foundation: 50 000 SEK = 7 500 USD

2009 – Goljes foundation: 100 000 SEK = 15 000 USD

11. Reviewer

I do regularly Peer-review for "Journal of Virology", "Journal of Infection Genetics and Evolution", "Antimicrobial Agents and Chemotherapy" and "Healthcare in Low-resource Settings".

12. Research policy assignments

I have been an external evaluator for The Chilean Antarctic Institute, INACH.

13. Other academic qualifications

- Vice-dean at the Faculty of Veterinary Medicine and Animal Science (VH) from 1st of April 2019 to 30th of March 2022. My responsibility will be Equal Opportunities.
- Member of the election committee at the Faculty of Veterinary Medicine and Animal Science at the Swedish University of Agricultural Sciences
- Opponent of Veslemøy Oma's PhD thesis, "Bovine coronavirus in calves – experimental studies on virus shedding, transmission and whole genome sequencing" at Norwegian University of Life Sciences, the 8th of February 2019.
- I was a member of the examination committee (and also the Chair of the committee) for Agnese Viluma, SLU, Department of Animal Breeding and Genetics, PhD Thesis 2017. Agnese Viluma had made a comprehensive sequencing, assembly and annotation of the MHC molecule in horses.
- I was a member of the examination committee for Jenny Larsson, SLU, Department of Clinical Sciences, PhD Thesis 2016. Jenny Larsson had performed studies on piglets with new neonatal piglet diarrhoea in order to investigate the cause of the disease.

- Member of the newly established Women in Global Health Sweden - <https://sightnu.files.wordpress.com/2019/01/wghsweden.pdf>

14. Interaction with society

- As part of my work with research communication and interaction with the general public I was a speaker at the 1st SoapBox Science event in Sweden, held in Umeå in May 2018.
- I was the initiator of the 1st SoapBox Science event in Uppsala in May 2019.

15. Languages and computer skills

Swedish (mother tongue), **English** (very good knowledge both oral and written), **Spanish** (good knowledge), **Mandarin Chinese** (basic knowledge).

Microsoft Office, EndNote, Photoshop, STATA, SigmaPlot, SPSS, SIMCA, Sequencher, ABI Prism, Primer express, CodonCode Aligner, Unipro UGENE and Unix.

16. Bibliometrics

From 2011-2019, I have 14 peer-reviewed publications, 1 genome announcement, 7 oral and 7 poster presentations at international conferences and 2 popular science articles. ii) I have 12 articles with citation data, 283 citations, 269 without self-citation. The average citation per article is 23.58 and the h-index is 6. (Web of Science 2nd of April 2019)

According to Google Scholar, I have in total 434 citations and my h-index is 8. Since 2014 I have 362 citations.