

## Curriculum Vitae

Personal information **Helena Back**

### Work experience

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1. Employer: Swedish Medical Products Agency
  - Start date: 052018
  - End date:
  - Position: Clinical Assessor
  - Activities: Infectious diseases main focus is vaccine, but also work with antivirals and antibiotics
  - Country: Sweden
2. Employer: Swedish Medical Products Agency
  - Start date: 102015
  - End date: 042018
  - Position: Clinical Assessor
  - Activities: Veterinary medicine
  - Country: Sweden
3. Employer: National Veterinary Institute and Swedish University of Agricultural Sciences
  - Start date: 122010
  - End date: 092015
  - Position: PhD student
  - Activities: PhD student in Clinical Sciences and Virology
  - Country: Sweden
4. Employer: National Veterinary Institute
  - Start date: 032010
  - End date: 062013
  - Position: Laboratory veterinarian at the department of Parasitology
  - Activities: Veterinary parasitology
  - Country: Sweden
5. Employer: Mälaren Hästklirik AB
  - Start date: 102008
  - End date: 032010
  - Position: Equine clinician
  - Activities: Mostly work with lameness diagnostics, treatment and referral cases.
  - Country: Sweden
6. Employer: Equine hospital, Swedish University of Agricultural Sciences.
  - Start date: 102007
  - End date: 052008
  - Position: Equine clinician
  - Activities: Emergency care, referral cases, internal medicine, lameness diagnostics and treatment.
  - Country: Sweden
7. Employer: Equine hospital, Regionhästsjukhuset Strömsholm
  - Start date: 042007
  - End date: 092007
  - Position: Equine clinician
  - Activities: Work with emergency care, referral cases, internal medicine examinations and treatment, lameness diagnostics and treatment.
  - Country: Sweden
8. Employer: Distriktsveterinärerna Mora
  - Start date: 022006
  - End date: 042007
  - Position: Locum mixed practice clinician
  - Activities: Emergency care, work with mixed practice with horses, small and large animals.
  - Country: Sweden

### Education and training

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1. Subject: University of Agricultural Sciences department of clinical sciences. And National veterinary institute department of virology, immunobiology and parasitology
  - Start date: 122010
  - End date: 092015
  - Qualification: PhD
  - Organisation: clinical examinations, virology, laboratory work including both serology and development of molecular diagnostics and tools, epidemiology
  - Country: Sweden
2. Subject: Irish equine centre (IEC), Johnstown county Kildare
  - Start date: 032014
  - End date: 032014
  - Qualification: PhD study visit
  - Organisation: Equine respiratory viruses and diagnostics as a part of my PhD education.
  - Country: Ireland
3. Subject: Swedish University of Agricultural Sciences
  - Start date: 092000
  - End date: 012006

- Qualification: Master of Science in Veterinary Medicine
- Organisation:
- Country: Sweden

## Additional information

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### Publications

Peer reviewed publications: Back H, Kendall A, Grandón R, Ullman K, Treiberg\_Berndtsson L, Ståhl K, Pringle J (2012). Equine Multinodular Pulmonary Fibrosis in association with asinine herpesvirus type 5 and equine herpesvirus type 5: a case report. *Acta Veterinaria Scandinavica* 2012 Sep 25;54:57 Back H, Nyman A, Osterman Lind E (2013). The association between *Anoplocephala perfoliata* and colic in Swedish horses \_ a case control study. *Veterinary Parasitology* 197, 580\_585 Back H, Penell J, Pringle J, Isaksson M, Ronéus N, Treiberg Berndtsson L & Ståhl K (2015). A longitudinal study of poor performance and subclinical respiratory viral activity in Standardbred trotters. *Veterinary Record Open* 2:e000107. Back H, Ullman K, Treiberg Berndtsson L, Penell J, Ståhl K, Valarcher J\_F & Pringle J (2015). Viral load in nasal secretion of equine herpesviruses 2 and 5 in actively racing Standardbred trotters: temporal relationship of shedding to clinical findings and poor performance. *Veterinary Microbiology* 179(3\_4), 142\_148. Back H\*, Ullman K\*, Leijon M, Söderlund R, Penell J, Ståhl K, Pringle J & Valarcher J\_F (2016). Genetic variation and dynamics of infections of equine herpesvirus type 5 (EHV\_5) in individual horses. *Journal of General Virology* 97, 169\_178. \*shared first authorship Back H, Treiberg Berndtsson L, Gröndahl G, Ståhl K, Pringle J & Zohari S. (2016). The first reported Florida clade 1 virus in the Nordic countries, isolated from a Swedish outbreak of equine influenza in 2011. *Veterinary Microbiology* 184, 1\_6. Back H, Weld J, Walsh C & Cullinane A (2019) Equine Rhinitis A Virus Infection in Thoroughbred Racehorses—A Putative Role in Poor Performance? *Viruses*, 2019 Oct 18;11(10)

### Projects

### Memberships

Presentations at scientific conferences: The annual Swedish veterinary conference. November 2011, Uppsala, Sweden. \_Oral presentation "Clinical relevance of low virulent or subclinical viral respiratory infections in Swedish trotters" The 9th conference in Equine Infectious Diseases. October 2012, Lexington Kentucky, USA. \_Oral presentation "Clinical relevance of low virulent or subclinical viral respiratory infections in Swedish trotters". \_Poster "Tapeworm infection and colic\_a case control study". 4th ESVV Veterinary Herpesvirus Symposium. January 2013, Zürich, Switzerland \_Oral presentation "Clinical relevance of infections with Equine Herpesvirus 2 and 5 in Swedish trotters" The Dorothy Russel Havemeyer Foundation IAD Workshop (Equine Inflammatory Airway Disease) October 2014, Normandy, France. \_Oral presentation "Viral load in nasal secretion of equine herpesviruses 2 and 5 in actively racing Standardbred trotters" The 10th International Equine Infectious Disease Conference. 4\_8th of April 2016, Buenos Aires, Argentina. \_Oral presentation "Genetic Variation and Dynamics of Infections of Equine Herpesvirus type 5 (EHV\_5) in Horses"

### Other Relevant Information