

## Curriculum Vitae

Personal information **Inge van Geijlswijk**

### Work experience

---

1. Employer: Hospital Gelderse Vallei
  - Start date: 091998
  - End date: 022007
  - Position: hospital pharmacist
  - Activities:
  - Country: Netherlands
2. Employer: Utrecht University, Faculty of Veterinary Medicine
  - Start date: 022007
  - End date:
  - Position: director of pharmacy
  - Activities:

Director of pharmacy, responsible for acquisition of (veterinary) medicinal products and for distribution of those products to wards of the academic veterinary hospital (companion animals, horses and food producing animals) and to patient owners on prescription of veterinarians. Responsible for GMP conditions to produce medicines.

Teaching in bachelor and master curriculum of the Veterinary school in the faculty Veterinary Medicine Utrecht University.
- Country: Netherlands
3. Employer: Netherlands Veterinary Medicines Institute
  - Start date: 052011
  - End date:
  - Position: Pharmacist
  - Activities:

member of expert panel responsible for

  - \_ annual reporting of antimicrobial use in food producing animals (SDa and MARAN)
  - \_ proposing benchmark cut off values
  - \_ conducting antimicrobial use surveys in other animal species
  - \_ annual reporting of veterinary antimicrobial veterinary medicinal product sales data to ESVAC and OIE
- Country: Netherlands
4. Employer: METC UMCU
  - Start date: 012018
  - End date:
  - Position: hospital pharmacist / clinical pharmacologist
  - Activities:

Member of the committee evaluating the appropriateness of clinical trials for Dutch hospitals as required in the European Clinical Trial Regulation

  - Country: Netherlands

### Education and training

---

1. Subject: Utrecht University, faculty of Pharmacy
  - Start date: 091983
  - End date: 121991
  - Qualification: pharmacist
  - Organisation:
  - Country: Netherlands
2. Subject: Erasmus MC
  - Start date: 071992
  - End date: 071996
  - Qualification: hospital pharmacist
  - Organisation:
  - Country: Netherlands
3. Subject: Utrecht University
  - Start date: 072007
  - End date: 042011
  - Qualification: PhD Pharmacy
  - Organisation:
  - Country: Netherlands
4. Subject: University Medical Center Utrecht
  - Start date: 122015

- End date: 052019
- Qualification: Clinical pharmacologist
- Organisation:
- Country: Netherlands

## Additional information

### Publications

- Since 2018:
- Suspected clopidogrel-associated hepatitis in a cat - a case report. Astrid Kamp, Wadjma Yousofzai, Hans Kooistra, Giorgia Santarelli, **Ingeborg van Geijlswijk** (*Journal of Feline Medicine and Surgery Open Reports* 2024; doi: 10.1177/20551169241278408)
- Comparing human and animal antimicrobial usage: a critical appraisal of the indicators used is needed. Pim Sanders, Ingeborg van Geijlswijk, Marc Bonten, Lapo Mughini-Gras, Jobke van Hout and Dick Heederik (*JAC Antimicrob Resist.* 2024 Jan 24;6(1):dlae005. doi: 10.1093/jacamr/dlae005)
- Seasonality of antimicrobial use in Dutch food-producing animals. Martínez, Evelyn Pamela, van Rosmalen, Joost, Jacobs, Jose, Sanders, Pim, van Geijlswijk, Ingeborg M., Heederik, Dick J.J., Verbon, Annelies (*Preventive Veterinary Medicine* 219 Oct 2023 106006 <https://doi.org/10.1016/j.prevetmed.2023.106006>)
- European regulations on the use of antibiotics in veterinary medicine. Ivo Schmerold, **Inge van Geijlswijk**, Ronette Gehring (*in European Journal of Pharmaceutical Sciences* 189 (2023) 106473 <https://doi.org/10.1016/j.ejps.2023.106473>)
- Quantifying topical antimicrobial use before and during participation in an antimicrobial stewardship programme in Dutch companion animal clinics. Kardomatea, N., Hopman, N. E. M., **van Geijlswijk, I. M.**, Portengen, L., Wagenaar, J. A., Heederik, D. J. J., & Broens, E. M.. (*PLoS One* 2023, 18(4), [e0283956]. <https://doi.org/10.1371/journal.pone.0283956>)
- The comparison and use of tools for quantification of antimicrobial use in Indonesian broiler farms. Anwar Sani, R., Wagenaar, J. A., Dinar, T. E. H. A., Sunandar, S., Nurbiyanti, N., Suandy, I., Pertela, G., Jahja, E. J., Purwanto, B., CORNERSTONE group, **van Geijlswijk, I. M.**, & Speksnijder, D. C. (*Frontiers in Veterinary Science* 2023, 10, 1-12. [1092302]. <https://doi.org/10.3389/fvets.2023.1092302>)
- Use of a new antimicrobial consumption monitoring system (Vet-AMNet): application to Dutch dairy sector over a 9-year period. Pedro Moura, Pim Sanders, Dick Heederik, Ingeborg Marianne Van Geijlswijk and João Niza-Ribeiro (*Frontiers in Veterinary Science* 2022, 9, 1-12. [984771]. <https://doi.org/10.3389/fvets.2022.984771>)
- Tramadol Steady-State Pharmacokinetics of Immediate-Release Capsules and Sustained-Release Tablets in Dogs. Winter, E., Geijlswijk, I. V., Akkerdaas, I., Sturkenboom, M., & Gehring, R.. (*Future Pharmacology* 2022, 2(4), 660-668. <https://doi.org/10.3390/futurepharmacol2040040>)
- The efficacy of subcutaneous slow-release melatonin implants in the prevention of canine flank alopecia recurrence is uncertain: A double-blind, randomized, placebo-controlled study. Verschuuren, M. U. M. Y., Schlotter, Y. M., **van Geijlswijk, I. M.**, van der Lugt, J. J., & Gehring, R. (*Veterinary Dermatology* (2022). <https://doi.org/10.1111/vde.13122>)
- Evaluation of PEG-L-asparaginase in asparagine suppression and anti-drug antibody development in healthy Beagle dogs: A multi-phase preclinical study.

L.R. Feenstra, R. Gehring, **I.M. van Geijlswijk**, T. König, H.C.M.T. Prinsen, K. Vandemeulebroecke, T. Lammens, A. Krupa, E. Teske (*The Veterinary Journal* 286 (2022) 105854 <https://doi.org/10.1016/j.tvjl.2022.105854>)

- Sub-Antimicrobial Dosage Scheme of Doxycycline for the Chronic Treatment of Bronchiectasis in a Dog, Szatmári, V. & **van Geijlswijk, I. M.** (*Veterinary Sciences* 2022 <https://doi.org/10.3390/vetsci9030137>)
- Comparison of different antimicrobial use indicators and antimicrobial resistance data in food-producing animals. Pim Sanders, Dik Mevius, Kees Veldman, **Inge van Geijlswijk**, Jaap A. Wagenaar, Marc Bonten, Dick Heederik (*JAC Antimicrob Resist* 2021 <https://doi.org/10.1093/jacamr/dlab172>)
- A cross sectional study on antibiotic use for surgical prophylaxis in dairy practice. Jorritsma, R., Van der Heide, A., **Van Geijlswijk, I.M.** (*J of Dairy Science* 2021 <https://doi.org/10.3168/jds.2020-19616>)
- Development and Pilot of an Interactive Online Course on Antimicrobial Stewardship in Companion Animals. Hopman, N. E. M., Wagenaar, J. A., **Geijlswijk, I. M. van**, & Broens, E. M. (*Antibiotics* 2021; <https://doi.org/10.3390/antibiotics10050610>)
- Monitoring of Farm-Level Antimicrobial Use to Guide Stewardship: Overview of Existing Systems and Analysis of Key Components and Processes. Pim Sanders, Wannes Vanderhaeghen, Mette Fertner, Klemens Fuchs, Walter Obritzhauser, Agnes Agunos, Carolee Carso, Birgitte Borck Høg, Vibe Dalhoff Andersen, Claire Chauvin, Anne Hémonic, Annemarie Käsbohrer, Roswitha Merle, Giovanni L. Alborali, Federico Scali, Katharina D. C. Stärk, Cedric Muentener, **Ingeborg van Geijlswijk**, Fraser Broadfoot, Lucie Pokludová, Clair L. Firth, Luís P. Carmo, Edgar Garcia Manzanilla, Laura Jensen, Marie Sjölund, Jorge Pinto Ferreira, Stacey Brown, Dick Heederik and Jeroen Dewulf (*Front. Vet. Sci.* 2020; 7:540. doi: 10.3389/fvets.2020.00540)
- Efficacy and safety of supplemental melatonin for Delayed Sleep-Wake Phase Disorder in Children: an Overview. David Mantle, Marcel Smits, Myrthe Boss, Irene Miedema, **Inge van Geijlswijk** (*Sleep Medicine: X* 2020; S2590-1427(20)30011-2 doi.org/10.1016/j.sleepx.2020.100022)
- Attitudes and perceptions of Dutch companion animal veterinarians towards antimicrobial use and antimicrobial resistance. Nonke E.M. Hopman, Lapo Mughini-Gras, David C. Speksnijder, Jaap A. Wagenaar, **Ingeborg M. van Geijlswijk**, Els M. Broens (*Preventive Veterinary Medicine* 2019; 170:104717)
- Time trends, seasonal differences and determinants of systemic antimicrobial use in companion animal clinics (2012-2015). Hopman NEM, Portengen L, Heederik DJJ, Wagenaar JA, **Van Geijlswijk IM**, Broens EM. (*Vet Microbiol.* 2019;235:289-294).
- Quantifying Antimicrobial Use in Dutch Companion Animals. Hopman, N.E.M., van Dijk, M.A.M., Wagenaar, J.A., Heederik, D.J.J., **van Geijlswijk, I.M.** (*Front Vet Sci.* 2019;6:158)
- Efficacy of oral sodium benzoate and sodium phenylbutyrate administration in dogs with a congenital portosystemic shunt. Van Straten G, Van Dalen D, Mesu SJ, Rothuizen J, Teske E, Spee B, Favier RP, **Van Geijlswijk IM** (*J Vet Intern Med* 2019; 33:1331-1335)
- Randomised Prospective Trials To Study Effects Of Reduced Antibiotic Usage In Abdominal Surgery In Cows. Jorritsma, R., **van Geijlswijk, I.M.**, Nielen, M. (*Journal of Dairy Science* 2018; 101:8217-8223.)

- Prudent Use of Antimicrobials in Exotic Animal Medicine. Broens, E.M., **van Geijlswijk, I.M.** (*Veterinary Clinics of North America - Exotic Animal Practice* 2018; 21, 341-353)
- Long-Term Melatonin Therapy for Adolescents and Young Adults with Chronic Sleep Onset Insomnia and Late Melatonin Onset - Evaluation of Sleep Quality, Chronotype, and Lifestyle Factors Compared to Age-Related Randomly Selected Population Cohorts. Zwart, Tom C, Smits, Marcel G, Egberts, Toine C G, Rademaker, Carin M A & **van Geijlswijk, Ingeborg M**, (*Healthcare (Basel, Switzerland)* 2018 Mar 2;6(1). pii: E23)

## Projects

## Memberships

### Presentations Veterinary Medicine since 2018

- VETAMI Veeartsenij festival 14 september 2024: cascade en antibioticamonitoring
- Kernpraktijken Rundvee NL Cryptosporidiosis: behandeling (?) 27 juni 2024
- KNMvD najaarsdag 16 september 2023 Duurzame diergeneesmiddelen
- VETAMI Veeartsenij festival 9 september 2023 FIP, keep it legal
- How to ensure the availability of effective antimicrobials? EUFEPS 2023, Lisbon May 31<sup>st</sup>-June 2<sup>nd</sup>
- AMU monitoring in NL. EMA 3rd ASU Change Liaison Network meeting Jan 25<sup>th</sup> 2023
- De “nieuwe” Diergeneesmiddelen verordening. IVC Evidensia Symposium landbouwhuisdieren 2022, 2 November 2022 nascholing voor vets en paravets
- Monitoring en benchmarken van antibioticagebruik bij dieren. NVZA regiovergadering 5 sept 2022
- Antimicrobial stewardship en selectie van resistentie. Lezing op bijeenkomst van UP ism Hygieia 16 mei 2022
- Most common pharmacotherapeutic dilemmas in bovine practice. Voorjaarsdagen 21 april 2022
- Onderhoudsmiddelen in de oren – Dag van het oor 25 maart 2022 nascholing paravets
- Middelen bij otitis – Dag van het oor 25 maart 2022 nascholing voor vets en paravets
- AMU monitoring in broilers in NL - Conditions d'élevage : Impacts et leviers pour réduire l'antibiorésistance 22 February 2022 (online)
- Monitoring en benchmarken van antibioticagebruik bij Dieren continu farmaceutische educatie (cfe) Apotheek UMCU 14 februari 2022 (online)
- Regulation EU 2019/6 and impact on AMU monitoring in NL. Workshop data collection companion animals 11 October 2021 Gent University (online)
- Quality Management AMU monitoring in the Netherlands. ESVAC Annual Network meeting Jun 22<sup>nd</sup> 2021(on-line)
- Tools needed for Antimicrobial Stewardship to reduce antimicrobial resistance 5<sup>th</sup> I<sup>st</sup> conference on responsible Use of Antibiotics in Animals Towards Sustainable Solutions 7-9 June 2021 (online)
- Regulation EU 2019/6 and impact on prescription of AM's in veterinary practices in the NL. Online Workshop Optimising veterinary antimicrobial use and reducing AMR: from policy to practice. EMA workshop for stakeholders 4-5 March 2021
- Vermindering van veterinaire antibioticagebruik, effecten na 10 jaar - post academic training for medical professionals NVIC Mythen/Missers/Maatwerk 9 September 2020
- Veterinaire antibiotica beleid in Nederland, en wat is belangrijk voor egels en hun verzorgers???? Egelsymposium Archaeopteryx 17 November 2019
- Development of a veterinary antibiotic use monitoring and benchmarking

methodology in the Netherlands and the upcoming EU veterinary monitoring system. Bristol AMR-Colston Research Society Symposium and Public Lecture 2019: The Antibiotic Age: The End or a New Beginning? 13-14 November 2019:

- Symposium ASAP 31 October 2019, Hoe gaat de nieuwe Europese verordening EU 2019/6 de antibiotica-monitoring van gezelschapsdieren beïnvloeden?
- One health: Reduction of antibiotic resistance in Veterinary Medicine (The Dutch success model) Faculty of Medicine Radboud University Nijmegen Research minor Epidemiology and Prevention of Infectious Diseases, 17 October 2019
- Antimicrobial surgical prophylaxis - post academic training for dairy cattle veterinarians, May 2019
- One health: Reduction of antibiotic resistance in Veterinary Medicine (The Dutch success model) Faculty of Medicine Radboud University Nijmegen Research minor Epidemiology and Prevention of Infectious Diseases, September 2018
- Antimicrobial drug consumption and resistance connected: European surveillance programs in human and veterinary sector. IRAS tox/pharm seminar June 11, 2018
- Antibioticaresistentie en risico's humaan/veterinair, geaccrediteerde bijeenkomst voor huisartsen en dierenartsen, April 16, 2018
- Antimicrobial usage quantification and stewardship in human; Antimicrobial drug consumption and resistance connected: European surveillance programs in man. AACTING conference Ghent, 27-28 February 2018

#### Other Relevant Information