

Curriculum Vitae

Personal information Charlotte Smith Bonde

Work experience

Period	Place of employment and position
Aug 2023 – current	Special consultant at Veterinary Medicines, Regulatory & Clinical Assessment, Danish Medicines Agency, Copenhagen, Denmark
Aug 2022 – Aug 2023	Academic employee at Pharmacovigilance DK, Danish Medicines Agency, Copenhagen, Denmark
Oct 2021 – Jan 2022	Research assistant at Section for Parasitology and Aquatic Pathobiology (PAP), Department of Veterinary and Animal Sciences, University of Copenhagen, Frederiksberg, Denmark
Jun 2018 – Sep 2021	Ph.d. scholar at Section for Parasitology and Aquatic Pathobiology (PAP), Department of Veterinary and Animal Sciences, University of Copenhagen, Frederiksberg, Denmark
Aug 2017 – Mar 2018	Veterinarian at Department of Experimental Medicine, University of Copenhagen, Frederiksberg, Denmark
Feb 2015 – Aug 2017	Veterinarian at Skovlunde-Herlev Veterinary clinic, Skovlunde, Denmark

Education and training

Year	Educations
Jun 2018 - Sep 2021	Ph.d. in "Immunology and Infectious Diseases", University of Copenhagen, Denmark
Sep 2009 - Jan 2015	Cand.med.vet., University of Copenhagen, Denmark

Additional information

Publications

Publications

Thea S. B. Møller, Martin H. Rau, Charlotte S. Bonde, Morten O. A. Sommer, Luca Guardabassi and John E. Olsen, "Adaptive responses to cefotaxime treatment in ESBL-producing *Escherichia coli* and the possible use of significantly regulated pathways as novel secondary

targets”, Journal of Antimicrobial Chemotherapy. Volume 71, Issue 9, September 2016, Pages 2449–2459, <https://doi.org/10.1093/jac/dkw198>

Angela H. Valente, Matthew de Roode, Madeleine Ernst, Miguel Peña-Espinoza, Louis Bornancin, Charlotte S. Bonde, María Martínez-Valladares, Sabrina Ramünke, Jürgen Krücken, Henrik T. Simonsen, Stig M. Thamsborg, Andrew R. Williams, “Identification of compounds responsible for the anthelmintic effects of chicory (*Cichorium intybus*) by molecular networking and bio-guided fractionation”, International Journal for Parasitology: Drugs and Drug Resistance, Volume 15, 2021, Pages 105-114, <https://doi.org/10.1016/j.ijpddr.2021.02.002>.

Charlotte Smith Bonde, Louis Bornancin, Yi Lu, Henrik Toft Simonsen, María Martínez-Valladares, Miguel Peña-Espinoza, Helena Mejer, Andrew R. Williams, Stig Milan Thamsborg, “Bio-Guided Fractionation and Molecular Networking Reveal Fatty Acids to Be Principal Anti-Parasitic Compounds in Nordic Seaweeds”, Frontiers in Pharmacology, Volume =12, 2021, <https://doi.org/10.3389/fphar.2021.674520>

Charlotte Smith Bonde, Helena Mejer, Laura J. Myhill, Ling Zhu, Penille Jensen, Nilay Büdeyri Gökgöz, Lukasz Krych, Dennis Sandris Nielsen, Kerstin Skovgaard, Stig Milan Thamsborg, Andrew R. Williams. “Dietary seaweed (*Saccharina latissima*) supplementation in pigs induces localized immunomodulatory effects and minor gut microbiota changes during intestinal helminth infection”. Sci Rep 13, 21931 (2023). <https://doi.org/10.1038/s41598-023-49082-5>

Heidi A. Geisshirt, Charlotte S. Bonde, Caroline Marcussen, Helena Mejer and Andrew R. Williams. "Development of In Vitro Assays with the Canine Hookworm *Uncinaria stenocephala* and Assessment of Natural Plant Products for Anti-Parasitic Activity." Pathogens 2023, 12, 536. <https://doi.org/10.3390/pathogens12040536>

Publication in pipeline:

Manuscript title: Dietary supplementation with fermented rapeseed and seaweed modulates parasite infections and gut microbiota in outdoor pigs
Authors: Charlotte Smith Bonde, Frida Brasen Drøhse, Nilay Büdeyri Gökgöz, Lukasz Krych, Dennis Sandris Nielsen, Heidi Huus Petersen, Rikke Matthiesen, Ninfa Pedersen, Peter Geldhof, Andrew R Williams, Helena Mejer and Stig Milan Thamsborg
Journal: Frontiers in Veterinary Science, section Parasitology
Article type: Original Research
Submitted on: 23 Jan 2025

[Projects](#)

[Memberships](#)

Member of the Danish Society of Parasitology

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