Immune and inflammatory responses in pigs infected with Trichuris suis and Oesophagostomum dentatum

Andreasen, Annette; Petersen, Heidi Huus; Kringel, Helene; Iburg, Tine M.; Skovgaard, Kerstin; Dawson, Harry; Urban Jr., Joseph F.; Thamsborg, Stig M.

Published in:
Veterinary Parasitology

Link to article, DOI:
10.1016/j.vetpar.2014.12.005

Publication date:
2015

Document Version
Early version, also known as pre-print

Link back to DTU Orbit

Citation (APA):

General rights
Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.
Immune and inflammatory responses in pigs infected with *Trichuris suis* and *Oesophagostomum dentatum*

Annette Andreasen a,*, Heidi H. Petersen a, Helene Kringel a, Tine M. Iburg b, Kerstin Skovgaard c, Harry Dawson d, Joseph F. Urban Jr. d, Stig M. Thamsborg a

*a Parasitology and Aquatic Diseases, Department of Veterinary Disease Biology, Faculty of Health and Medical Sciences, University of Copenhagen, Dyrlægevej 100, DK-1870 Frederiksberg C, Denmark.

bDepartment of Pathology and Wildlife Diseases, National Veterinary Institute, SE-751 89 Uppsala, Sweden.

cInnate Immunology Group, National Veterinary Institute, Technical University of Denmark, 1870 Frederiksberg C, Denmark.

dUSDA, ARS, Beltsville Human Nutrition Research Center, Diet, Genomics, and Immunology Laboratory, Beltsville, MD 20705, USA.

*Corresponding author. Address: Annette Andreasen, Parasitology and Aquatic Diseases, Department of Veterinary Disease Biology, Faculty of Health and Medical Sciences, University of Copenhagen, Dyrlægevej 100 building 1-05 3., DK-1870 Frederiksberg C, Denmark. Tel.: +45 20 87 59 18; fax: +45 35 33 27 74

E-mail address: malte@sund.ku.dk (A. Andreasen)