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.

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

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

d USDA, 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)